

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 483       | 489,753 | 1,536,586 | 1           | 11/8/2011  | 3598              | 6526.66                               | 6528.23                               | -1.57         |
|           |         |           |             | 10/16/2014 | 4671              | 6526.68                               | 6529.01                               | -2.33         |
|           |         |           |             | 10/18/2014 | 4673              | 6526.65                               | 6529.01                               | -2.36         |
|           |         |           |             | 11/14/2014 | 4700              | 6526.68                               | 6529.04                               | -2.36         |
|           |         |           |             | 12/2/2014  | 4718              | 6526.75                               | 6529.07                               | -2.32         |
|           |         |           |             | 8/25/2017  | 5716              | 6526.76                               | 6530.67                               | -3.91         |
|           |         |           |             | 2/21/2018  | 5896              | 6524.57                               | 6529.73                               | -5.16         |
|           |         |           |             | 1/29/2019  | 6237              | 6522.10                               | 6528.65                               | -6.55         |
|           |         |           |             | 2/26/2019  | 6265              | 6521.13                               | 6528.54                               | -7.41         |
|           |         |           |             | 3/26/2019  | 6293              | 6522.36                               | 6528.43                               | -6.07         |
|           |         |           |             | 4/10/2019  | 6309              | 6521.84                               | 6528.38                               | -6.54         |
| 4/30/2019 | 6328    | 6521.21   | 6528.31     | -7.10      |                   |                                       |                                       |               |
| 490       | 489,752 | 1,536,553 | 1           | 6/12/2002  | 163               | 6525.19                               | 6524.76                               | 0.43          |
|           |         |           |             | 6/5/2003   | 520               | 6525.24                               | 6524.83                               | 0.41          |
|           |         |           |             | 3/4/2004   | 794               | 6525.85                               | 6525.17                               | 0.68          |
|           |         |           |             | 5/21/2004  | 871               | 6525.88                               | 6525.52                               | 0.36          |
|           |         |           |             | 12/21/2004 | 1086              | 6526.07                               | 6526.43                               | -0.36         |
|           |         |           |             | 3/16/2011  | 3362              | 6526.26                               | 6527.27                               | -1.01         |
|           |         |           |             | 6/9/2011   | 3446              | 6526.21                               | 6527.67                               | -1.46         |
|           |         |           |             | 10/12/2011 | 3571              | 6526.62                               | 6528.05                               | -1.43         |
|           |         |           |             | 12/7/2011  | 3627              | 6526.97                               | 6528.21                               | -1.24         |
|           |         |           |             | 3/5/2013   | 4081              | 6526.74                               | 6527.60                               | -0.86         |
|           |         |           |             | 7/9/2013   | 4207              | 6524.42                               | 6527.68                               | -3.26         |
|           |         |           |             | 11/5/2013  | 4327              | 6527.82                               | 6527.86                               | -0.04         |
|           |         |           |             | 12/12/2013 | 4363              | 6526.07                               | 6527.92                               | -1.85         |
|           |         |           |             | 3/19/2014  | 4460              | 6525.62                               | 6528.53                               | -2.91         |
| 6/12/2014 | 4546    | 6526.92   | 6528.78     | -1.86      |                   |                                       |                                       |               |
| 1/29/2019 | 6237    | 6518.16   | 6528.56     | -10.40     |                   |                                       |                                       |               |
| 6/4/2019  | 6364    | 6517.27   | 6528.10     | -10.83     |                   |                                       |                                       |               |
| 491       | 489,658 | 1,537,031 | 1           | 7/26/2002  | 206               | 6523.40                               | 6525.54                               | -2.14         |
|           |         |           |             | 9/5/2003   | 613               | 6524.76                               | 6525.66                               | -0.90         |
|           |         |           |             | 12/13/2003 | 711               | 6519.94                               | 6525.72                               | -5.78         |
|           |         |           |             | 8/24/2004  | 966               | 6524.32                               | 6526.78                               | -2.46         |
|           |         |           |             | 12/11/2009 | 2901              | 6522.21                               | 6526.33                               | -4.12         |
|           |         |           |             | 6/14/2011  | 3451              | 6525.01                               | 6528.19                               | -3.18         |
|           |         |           |             | 12/7/2011  | 3627              | 6525.72                               | 6528.71                               | -2.99         |
|           |         |           |             | 12/12/2013 | 4363              | 6525.02                               | 6529.52                               | -4.50         |
|           |         |           |             | 5/15/2014  | 4517              | 6520.42                               | 6530.00                               | -9.58         |
|           |         |           |             | 9/19/2014  | 4644              | 6525.75                               | 6530.22                               | -4.47         |
| 9/19/2014 | 4644    | 6525.75   | 6530.22     | -4.47      |                   |                                       |                                       |               |

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| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 492        | 489,280 | 1,537,220 | 1           | 6/11/2002  | 162               | 6524.78                               | 6525.65                               | -0.87         |
|            |         |           |             | 5/21/2004  | 872               | 6525.38                               | 6526.57                               | -1.19         |
|            |         |           |             | 3/23/2005  | 1178              | 6525.26                               | 6527.02                               | -1.76         |
|            |         |           |             | 4/13/2006  | 1564              | 6524.02                               | 6526.98                               | -2.96         |
|            |         |           |             | 3/9/2010   | 2990              | 6529.68                               | 6527.05                               | 2.63          |
|            |         |           |             | 3/16/2011  | 3362              | 6530.48                               | 6527.95                               | 2.53          |
| 496        | 489,603 | 1,534,650 | 1           | 4/19/2011  | 3395              | 6508.48                               | 6513.61                               | -5.13         |
|            |         |           |             | 10/20/2011 | 3579              | 6508.49                               | 6513.96                               | -5.47         |
|            |         |           |             | 12/7/2011  | 3627              | 6509.52                               | 6514.06                               | -4.54         |
|            |         |           |             | 5/8/2012   | 3780              | 6509.44                               | 6514.16                               | -4.72         |
|            |         |           |             | 11/15/2012 | 3971              | 6508.83                               | 6514.67                               | -5.84         |
|            |         |           |             | 3/7/2013   | 4083              | 6509.19                               | 6515.13                               | -5.94         |
|            |         |           |             | 11/15/2013 | 4337              | 6509.92                               | 6515.72                               | -5.80         |
|            |         |           |             | 12/13/2013 | 4364              | 6510.57                               | 6515.80                               | -5.23         |
|            |         |           |             | 4/2/2014   | 4474              | 6510.34                               | 6515.25                               | -4.91         |
|            |         |           |             | 1/29/2019  | 6237              | 6511.61                               | 6516.71                               | -5.10         |
|            |         |           |             | 2/26/2019  | 6265              | 6510.74                               | 6516.65                               | -5.91         |
|            |         |           |             | 3/26/2019  | 6293              | 6510.48                               | 6516.54                               | -6.06         |
|            |         |           |             |            |                   |                                       |                                       | 8/13/2002     |
| 12/12/2002 | 345     | 6504.32   | 6500.75     |            |                   |                                       |                                       | 3.57          |
| 8/26/2003  | 602     | 6501.91   | 6501.95     |            |                   |                                       |                                       | -0.04         |
| 12/19/2003 | 718     | 6505.55   | 6502.35     |            |                   |                                       |                                       | 3.20          |
| 3/4/2004   | 794     | 6507.36   | 6502.97     |            |                   |                                       |                                       | 4.39          |
| 8/18/2004  | 960     | 6501.94   | 6503.98     |            |                   |                                       |                                       | -2.04         |
| 11/9/2004  | 1043    | 6504.54   | 6504.40     |            |                   |                                       |                                       | 0.14          |
| 12/11/2004 | 1075    | 6505.78   | 6504.54     |            |                   |                                       |                                       | 1.24          |
| 12/21/2004 | 1085    | 6506.35   | 6504.59     |            |                   |                                       |                                       | 1.76          |
| 2/3/2005   | 1130    | 6508.11   | 6505.10     |            |                   |                                       |                                       | 3.01          |
| 3/19/2005  | 1173    | 6508.64   | 6505.49     |            |                   |                                       |                                       | 3.15          |
| 4/13/2005  | 1198    | 6508.82   | 6505.71     |            |                   |                                       |                                       | 3.11          |
| 9/27/2005  | 1366    | 6502.19   | 6506.80     |            |                   |                                       |                                       | -4.61         |
| 11/16/2005 | 1415    | 6503.33   | 6507.05     |            |                   |                                       |                                       | -3.72         |
| 12/3/2005  | 1432    | 6504.11   | 6507.13     |            |                   |                                       |                                       | -3.02         |
| 5/27/2010  | 3068    | 6507.05   | 6511.59     |            |                   |                                       |                                       | -4.54         |
| 12/15/2010 | 3270    | 6508.16   | 6512.98     |            |                   |                                       |                                       | -4.82         |
| 4/19/2011  | 3395    | 6509.43   | 6513.22     |            |                   |                                       |                                       | -3.79         |
| 10/20/2011 | 3579    | 6509.53   | 6513.55     |            |                   |                                       |                                       | -4.02         |
| 12/7/2011  | 3627    | 6509.94   | 6513.66     |            |                   |                                       |                                       | -3.72         |
| 5/8/2012   | 3780    | 6510.34   | 6514.13     | -3.79      |                   |                                       |                                       |               |
| 10/10/2012 | 3936    | 6509.25   | 6514.56     | -5.31      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 497        | 489,503 | 1,535,039 | 1           | 11/15/2012 | 3971              | 6509.72                               | 6514.66                               | -4.94         |
|            |         |           |             | 3/7/2013   | 4083              | 6509.90                               | 6514.53                               | -4.63         |
|            |         |           |             | 6/18/2013  | 4186              | 6507.66                               | 6514.73                               | -7.07         |
|            |         |           |             | 11/15/2013 | 4337              | 6510.87                               | 6515.13                               | -4.26         |
|            |         |           |             | 12/13/2013 | 4364              | 6510.67                               | 6515.20                               | -4.53         |
|            |         |           |             | 4/2/2014   | 4474              | 6511.22                               | 6514.04                               | -2.82         |
|            |         |           |             | 6/12/2014  | 4546              | 6502.77                               | 6513.62                               | -10.85        |
|            |         |           |             | 11/14/2014 | 4701              | 6507.54                               | 6513.32                               | -5.78         |
|            |         |           |             | 12/1/2015  | 5082              | 6512.27                               | 6517.22                               | -4.95         |
|            |         |           |             | 3/5/2016   | 5177              | 6514.53                               | 6518.28                               | -3.75         |
|            |         |           |             | 12/13/2016 | 5460              | 6509.57                               | 6518.59                               | -9.02         |
|            |         |           |             | 3/18/2017  | 5555              | 6510.62                               | 6517.53                               | -6.91         |
|            |         |           |             | 6/28/2017  | 5657              | 6506.72                               | 6516.95                               | -10.23        |
|            |         |           |             | 12/6/2017  | 5818              | 6512.98                               | 6516.32                               | -3.34         |
|            |         |           |             | 2/6/2018   | 5881              | 6507.21                               | 6515.80                               | -8.59         |
|            |         |           |             | 6/5/2018   | 6000              | 6512.01                               | 6515.82                               | -3.81         |
|            |         |           |             | 12/27/2018 | 6204              | 6512.10                               | 6515.93                               | -3.83         |
|            |         |           |             | 1/29/2019  | 6237              | 6515.20                               | 6516.12                               | -0.92         |
|            |         |           |             | 2/26/2019  | 6265              | 6510.80                               | 6516.01                               | -5.21         |
|            |         |           |             | 3/26/2019  | 6293              | 6510.51                               | 6515.88                               | -5.37         |
| 4/23/2019  | 6321    | 6510.91   | 6515.73     | -4.82      |                   |                                       |                                       |               |
| 6/4/2019   | 6364    | 6511.02   | 6515.52     | -4.50      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6511.42   | 6514.62     | -3.20      |                   |                                       |                                       |               |
| 498        | 488,953 | 1,534,661 | 1           | 5/27/2010  | 3068              | 6502.48                               | 6503.19                               | -0.71         |
|            |         |           |             | 12/15/2010 | 3270              | 6503.81                               | 6505.06                               | -1.25         |
|            |         |           |             | 6/14/2011  | 3451              | 6504.63                               | 6505.69                               | -1.06         |
|            |         |           |             | 12/7/2011  | 3627              | 6505.84                               | 6506.17                               | -0.33         |
|            |         |           |             | 7/10/2012  | 3843              | 6506.59                               | 6506.91                               | -0.32         |
|            |         |           |             | 11/15/2012 | 3971              | 6505.47                               | 6507.31                               | -1.84         |
|            |         |           |             | 11/15/2013 | 4337              | 6506.49                               | 6507.72                               | -1.23         |
|            |         |           |             | 12/13/2013 | 4364              | 6506.52                               | 6507.82                               | -1.30         |
|            |         |           |             | 6/10/2015  | 4909              | 6504.74                               | 6508.99                               | -4.25         |
|            |         |           |             | 8/25/2017  | 5716              | 6507.79                               | 6508.97                               | -1.18         |
|            |         |           |             | 2/21/2018  | 5896              | 6509.03                               | 6509.41                               | -0.38         |
|            |         |           |             | 8/24/2018  | 6079              | 6495.61                               | 6510.41                               | -14.80        |
|            |         |           |             | 1/29/2019  | 6237              | 6503.26                               | 6509.70                               | -6.44         |
|            |         |           |             | 2/26/2019  | 6265              | 6502.75                               | 6509.25                               | -6.50         |
|            |         |           |             | 3/26/2019  | 6293              | 6506.08                               | 6508.92                               | -2.84         |
| 4/10/2019  | 6308    | 6506.36   | 6508.75     | -2.39      |                   |                                       |                                       |               |
|            |         |           |             | 7/23/2002  | 204               | 6530.93                               | 6532.39                               | -1.46         |

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| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 520        | 492,935 | 1,538,934 | 1           | 10/17/2002 | 289               | 6529.54                               | 6532.39                               | -2.85         |
|            |         |           |             | 11/14/2002 | 318               | 6529.71                               | 6532.39                               | -2.68         |
|            |         |           |             | 10/14/2003 | 652               | 6532.07                               | 6532.30                               | -0.23         |
|            |         |           |             | 12/19/2003 | 718               | 6531.67                               | 6532.30                               | -0.63         |
|            |         |           |             | 3/4/2004   | 793               | 6532.18                               | 6532.57                               | -0.39         |
|            |         |           |             | 10/8/2004  | 1012              | 6532.51                               | 6533.46                               | -0.95         |
|            |         |           |             | 12/15/2004 | 1079              | 6532.46                               | 6533.64                               | -1.18         |
|            |         |           |             | 12/22/2004 | 1086              | 6532.46                               | 6533.66                               | -1.20         |
|            |         |           |             | 4/13/2005  | 1198              | 6532.76                               | 6535.55                               | -2.79         |
|            |         |           |             | 10/5/2005  | 1374              | 6534.25                               | 6537.31                               | -3.06         |
|            |         |           |             | 12/2/2005  | 1431              | 6534.17                               | 6537.73                               | -3.56         |
|            |         |           |             | 3/17/2006  | 1537              | 6535.32                               | 6538.23                               | -2.91         |
|            |         |           |             | 10/3/2006  | 1736              | 6534.83                               | 6538.47                               | -3.64         |
|            |         |           |             | 4/12/2007  | 1928              | 6532.98                               | 6538.21                               | -5.23         |
|            |         |           |             | 10/4/2007  | 2103              | 6532.61                               | 6538.06                               | -5.45         |
|            |         |           |             | 11/14/2007 | 2144              | 6532.41                               | 6538.04                               | -5.63         |
|            |         |           |             | 12/13/2007 | 2173              | 6533.21                               | 6538.03                               | -4.82         |
|            |         |           |             | 4/1/2008   | 2283              | 6532.20                               | 6538.00                               | -5.80         |
|            |         |           |             | 12/5/2008  | 2530              | 6533.51                               | 6537.73                               | -4.22         |
|            |         |           |             | 3/24/2009  | 2640              | 6533.56                               | 6537.67                               | -4.11         |
|            |         |           |             | 9/24/2009  | 2824              | 6533.02                               | 6537.67                               | -4.65         |
|            |         |           |             | 12/15/2009 | 2906              | 6533.80                               | 6537.68                               | -3.88         |
|            |         |           |             | 6/23/2010  | 3095              | 6533.89                               | 6537.60                               | -3.71         |
|            |         |           |             | 9/14/2010  | 3179              | 6534.11                               | 6537.63                               | -3.52         |
|            |         |           |             | 12/16/2010 | 3271              | 6534.75                               | 6537.67                               | -2.92         |
|            |         |           |             | 4/19/2011  | 3395              | 6535.16                               | 6538.05                               | -2.89         |
|            |         |           |             | 10/20/2011 | 3579              | 6536.24                               | 6538.58                               | -2.34         |
|            |         |           |             | 12/7/2011  | 3628              | 6536.72                               | 6538.70                               | -1.98         |
|            |         |           |             | 3/7/2012   | 3718              | 6538.10                               | 6538.90                               | -0.80         |
|            |         |           |             | 5/8/2012   | 3781              | 6538.04                               | 6539.00                               | -0.96         |
|            |         |           |             | 10/17/2012 | 3943              | 6537.72                               | 6539.20                               | -1.48         |
|            |         |           |             | 11/14/2012 | 3970              | 6537.22                               | 6539.24                               | -2.02         |
| 12/12/2013 | 4364    | 6537.23   | 6539.26     | -2.03      |                   |                                       |                                       |               |
| 12/2/2015  | 5083    | 6536.37   | 6539.89     | -3.52      |                   |                                       |                                       |               |
| 12/13/2016 | 5460    | 6535.89   | 6541.17     | -5.28      |                   |                                       |                                       |               |
| 4/28/2017  | 5596    | 6535.20   | 6540.40     | -5.20      |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6533.85   | 6539.44     | -5.59      |                   |                                       |                                       |               |
| 2/13/2018  | 5888    | 6534.11   | 6539.30     | -5.19      |                   |                                       |                                       |               |
| 12/4/2018  | 6181    | 6532.24   | 6538.76     | -6.52      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6532.32   | 6538.72     | -6.40      |                   |                                       |                                       |               |

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| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 2/14/2019  | 6253              | 6532.02                               | 6538.31                               | -6.29         |
|         |         |          |             | 12/19/2019 | 6561              | 6531.51                               | 6537.00                               | -5.49         |

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| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 538        | 486,899 | 1,533,486 | 1           | 4/19/2011  | 3396              | 6472.52                               | 6479.63                               | -7.11         |
|            |         |           |             | 12/8/2011  | 3628              | 6474.14                               | 6481.35                               | -7.21         |
|            |         |           |             | 5/10/2012  | 3783              | 6473.86                               | 6482.47                               | -8.61         |
|            |         |           |             | 11/14/2012 | 3970              | 6475.29                               | 6483.68                               | -8.39         |
|            |         |           |             | 3/19/2013  | 4095              | 6475.25                               | 6484.62                               | -9.37         |
|            |         |           |             | 12/13/2013 | 4364              | 6478.08                               | 6486.61                               | -8.53         |
|            |         |           |             | 4/2/2014   | 4474              | 6479.54                               | 6486.78                               | -7.24         |
|            |         |           |             | 7/19/2014  | 4582              | 6479.99                               | 6486.73                               | -6.74         |
|            |         |           |             | 8/10/2016  | 5336              | 6483.36                               | 6489.53                               | -6.17         |
|            |         |           |             | 3/6/2018   | 5909              | 6483.48                               | 6487.49                               | -4.01         |
|            |         |           |             | 4/23/2019  | 6321              | 6482.10                               | 6488.07                               | -5.97         |
| 539        | 487,596 | 1,534,014 | 1           | 1/23/2004  | 752               | 6471.06                               | 6479.39                               | -8.33         |
|            |         |           |             | 7/23/2004  | 935               | 6472.99                               | 6480.75                               | -7.76         |
|            |         |           |             | 9/14/2004  | 988               | 6470.96                               | 6480.98                               | -10.02        |
|            |         |           |             | 12/11/2004 | 1075              | 6477.72                               | 6481.31                               | -3.59         |
|            |         |           |             | 6/16/2005  | 1262              | 6475.39                               | 6482.48                               | -7.09         |
|            |         |           |             | 8/3/2005   | 1310              | 6473.96                               | 6482.75                               | -8.79         |
|            |         |           |             | 9/28/2005  | 1367              | 6473.07                               | 6483.07                               | -10.00        |
|            |         |           |             | 12/2/2005  | 1431              | 6476.28                               | 6483.42                               | -7.14         |
|            |         |           |             | 12/12/2006 | 1807              | 6473.81                               | 6480.70                               | -6.89         |
|            |         |           |             | 9/13/2007  | 2082              | 6465.42                               | 6482.69                               | -17.27        |
|            |         |           |             | 11/13/2007 | 2143              | 6468.84                               | 6483.10                               | -14.26        |
|            |         |           |             | 11/21/2008 | 2517              | 6474.42                               | 6483.06                               | -8.64         |
|            |         |           |             | 12/5/2008  | 2531              | 6466.55                               | 6483.05                               | -16.50        |
|            |         |           |             | 10/7/2009  | 2837              | 6465.26                               | 6484.44                               | -19.18        |
|            |         |           |             | 12/13/2009 | 2903              | 6469.07                               | 6484.70                               | -15.63        |
|            |         |           |             | 12/16/2010 | 3272              | 6480.23                               | 6488.53                               | -8.30         |
|            |         |           |             | 12/8/2011  | 3628              | 6483.90                               | 6490.34                               | -6.44         |
| 12/18/2019 | 6560    | 6528.01   | 6494.93     | 33.08      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 540        | 488,091 | 1,534,125 | 1           | 1/21/2004  | 750               | 6485.40                               | 6483.52                               | 1.88          |
|            |         |           |             | 7/23/2004  | 935               | 6483.19                               | 6485.11                               | -1.92         |
|            |         |           |             | 9/14/2004  | 987               | 6481.79                               | 6485.36                               | -3.57         |
|            |         |           |             | 12/11/2004 | 1075              | 6486.93                               | 6485.76                               | 1.17          |
|            |         |           |             | 6/16/2005  | 1262              | 6485.80                               | 6487.31                               | -1.51         |
|            |         |           |             | 8/3/2005   | 1310              | 6483.33                               | 6487.63                               | -4.30         |
|            |         |           |             | 9/28/2005  | 1367              | 6483.68                               | 6488.01                               | -4.33         |
|            |         |           |             | 12/2/2005  | 1431              | 6485.48                               | 6488.41                               | -2.93         |
|            |         |           |             | 10/20/2011 | 3580              | 6492.94                               | 6495.66                               | -2.72         |
|            |         |           |             | 12/8/2011  | 3629              | 6493.81                               | 6495.84                               | -2.03         |
|            |         |           |             | 11/14/2012 | 3970              | 6493.38                               | 6496.97                               | -3.59         |
|            |         |           |             | 5/4/2013   | 4141              | 6491.30                               | 6497.91                               | -6.61         |
|            |         |           |             | 11/15/2013 | 4336              | 6494.06                               | 6498.85                               | -4.79         |
|            |         |           |             | 12/13/2013 | 4364              | 6494.25                               | 6498.98                               | -4.73         |
|            |         |           |             | 5/15/2015  | 4882              | 6500.78                               | 6502.44                               | -1.66         |
|            |         |           |             | 12/2/2015  | 5083              | 6503.71                               | 6505.44                               | -1.73         |
|            |         |           |             | 8/5/2016   | 5330              | 6497.87                               | 6503.27                               | -5.40         |
|            |         |           |             | 12/13/2016 | 5460              | 6497.93                               | 6503.10                               | -5.17         |
|            |         |           |             | 11/7/2017  | 5789              | 6494.34                               | 6500.27                               | -5.93         |
|            |         |           |             | 12/6/2017  | 5818              | 6492.27                               | 6500.13                               | -7.86         |
|            |         |           |             | 4/3/2018   | 5937              | 6497.29                               | 6503.75                               | -6.46         |
|            |         |           |             | 12/27/2018 | 6204              | 6498.91                               | 6505.46                               | -6.55         |
|            |         |           |             | 1/29/2019  | 6237              | 6498.28                               | 6503.64                               | -5.36         |
|            |         |           |             | 2/26/2019  | 6265              | 6497.15                               | 6502.94                               | -5.79         |
|            |         |           |             | 3/26/2019  | 6293              | 6496.02                               | 6502.47                               | -6.45         |
| 4/2/2019   | 6301    | 6496.05   | 6502.36     | -6.31      |                   |                                       |                                       |               |
| 4/30/2019  | 6328    | 6496.21   | 6501.95     | -5.74      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6494.86   | 6500.09     | -5.23      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 541        | 477,236 | 1,539,831 | 1           | 11/10/2011 | 3600              | 6461.82                               | 6461.41                               | 0.41          |
|            |         |           |             | 12/6/2011  | 3627              | 6462.62                               | 6461.39                               | 1.23          |
|            |         |           |             | 11/15/2012 | 3971              | 6463.15                               | 6461.02                               | 2.13          |
|            |         |           |             | 8/9/2013   | 4239              | 6464.72                               | 6461.27                               | 3.45          |
|            |         |           |             | 12/13/2013 | 4365              | 6465.29                               | 6461.53                               | 3.76          |
|            |         |           |             | 7/22/2015  | 4951              | 6467.02                               | 6463.58                               | 3.44          |
|            |         |           |             | 12/1/2015  | 5082              | 6467.66                               | 6464.21                               | 3.45          |
|            |         |           |             | 12/29/2016 | 5477              | 6465.06                               | 6464.47                               | 0.59          |
|            |         |           |             | 11/10/2017 | 5792              | 6463.96                               | 6463.76                               | 0.20          |
|            |         |           |             | 12/6/2017  | 5818              | 6463.83                               | 6463.68                               | 0.15          |
|            |         |           |             | 1/11/2018  | 5855              | 6465.52                               | 6463.58                               | 1.94          |
|            |         |           |             | 7/10/2018  | 6035              | 6464.74                               | 6463.15                               | 1.59          |
|            |         |           |             | 11/29/2018 | 6176              | 6465.55                               | 6462.89                               | 2.66          |
|            |         |           |             | 12/27/2018 | 6204              | 6464.77                               | 6462.85                               | 1.92          |
|            |         |           |             | 1/8/2019   | 6216              | 6464.59                               | 6462.83                               | 1.76          |
|            |         |           |             | 4/2/2019   | 6300              | 6464.88                               | 6462.60                               | 2.28          |
|            |         |           |             | 7/3/2019   | 6393              | 6463.92                               | 6462.31                               | 1.61          |
|            |         |           |             | 10/12/2019 | 6494              | 6464.99                               | 6461.99                               | 3.00          |
| 12/19/2019 | 6561    | 6464.52   | 6461.78     | 2.74       |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 551        | 479,880 | 1,536,272 | 1           | 6/2/2009   | 2710              | 6445.88                               | 6445.02                               | 0.86          |
|            |         |           |             | 12/15/2009 | 2906              | 6445.17                               | 6444.54                               | 0.63          |
|            |         |           |             | 3/26/2010  | 3007              | 6445.60                               | 6444.44                               | 1.16          |
|            |         |           |             | 6/29/2010  | 3102              | 6445.83                               | 6444.40                               | 1.43          |
|            |         |           |             | 9/15/2010  | 3179              | 6445.94                               | 6444.37                               | 1.57          |
|            |         |           |             | 12/15/2010 | 3270              | 6445.74                               | 6444.33                               | 1.41          |
|            |         |           |             | 2/11/2011  | 3329              | 6446.06                               | 6444.32                               | 1.74          |
|            |         |           |             | 5/12/2011  | 3419              | 6446.32                               | 6444.36                               | 1.96          |
|            |         |           |             | 8/10/2011  | 3508              | 6446.28                               | 6444.37                               | 1.91          |
|            |         |           |             | 12/6/2011  | 3627              | 6445.93                               | 6444.36                               | 1.57          |
|            |         |           |             | 3/10/2012  | 3722              | 6445.87                               | 6444.28                               | 1.59          |
|            |         |           |             | 8/2/2012   | 3866              | 6445.84                               | 6444.07                               | 1.77          |
|            |         |           |             | 11/14/2012 | 3971              | 6445.44                               | 6443.92                               | 1.52          |
|            |         |           |             | 2/7/2013   | 4055              | 6445.63                               | 6443.81                               | 1.82          |
|            |         |           |             | 8/9/2013   | 4239              | 6446.04                               | 6443.73                               | 2.31          |
|            |         |           |             | 12/13/2013 | 4364              | 6447.44                               | 6443.77                               | 3.67          |
|            |         |           |             | 2/14/2014  | 4428              | 6447.64                               | 6443.77                               | 3.87          |
|            |         |           |             | 8/28/2014  | 4622              | 6449.04                               | 6443.80                               | 5.24          |
|            |         |           |             | 2/20/2015  | 4799              | 6449.59                               | 6443.97                               | 5.62          |
|            |         |           |             | 12/1/2015  | 5082              | 6449.94                               | 6444.37                               | 5.57          |
|            |         |           |             | 12/13/2016 | 5460              | 6446.34                               | 6444.99                               | 1.35          |
|            |         |           |             | 2/25/2017  | 5535              | 6448.06                               | 6445.08                               | 2.98          |
|            |         |           |             | 3/29/2017  | 5566              | 6447.96                               | 6445.11                               | 2.85          |
|            |         |           |             | 12/6/2017  | 5818              | 6447.14                               | 6445.16                               | 1.98          |
|            |         |           |             | 1/9/2018   | 5852              | 6449.08                               | 6445.16                               | 3.92          |
|            |         |           |             | 3/29/2018  | 5932              | 6448.81                               | 6445.13                               | 3.68          |
|            |         |           |             | 7/10/2018  | 6035              | 6448.61                               | 6445.09                               | 3.52          |
|            |         |           |             | 11/29/2018 | 6176              | 6445.44                               | 6445.03                               | 0.41          |
|            |         |           |             | 12/27/2018 | 6204              | 6448.30                               | 6445.02                               | 3.28          |
|            |         |           |             | 1/8/2019   | 6216              | 6457.37                               | 6445.02                               | 12.35         |
| 4/2/2019   | 6300    | 6448.25   | 6444.98     | 3.27       |                   |                                       |                                       |               |
| 7/3/2019   | 6392    | 6448.10   | 6444.94     | 3.16       |                   |                                       |                                       |               |
| 10/10/2019 | 6492    | 6448.13   | 6444.88     | 3.25       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6448.35   | 6444.83     | 3.52       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 553        | 480,563 | 1,534,923 | 1           | 6/2/2009   | 2710              | 6441.60                               | 6442.33                               | -0.73         |
|            |         |           |             | 10/9/2009  | 2839              | 6441.14                               | 6441.96                               | -0.82         |
|            |         |           |             | 11/10/2009 | 2871              | 6441.07                               | 6441.87                               | -0.80         |
|            |         |           |             | 12/15/2009 | 2905              | 6441.06                               | 6441.78                               | -0.72         |
|            |         |           |             | 3/26/2010  | 3007              | 6441.15                               | 6441.57                               | -0.42         |
|            |         |           |             | 6/29/2010  | 3102              | 6441.20                               | 6441.43                               | -0.23         |
|            |         |           |             | 9/15/2010  | 3179              | 6441.64                               | 6441.33                               | 0.31          |
|            |         |           |             | 12/15/2010 | 3270              | 6441.38                               | 6441.21                               | 0.17          |
|            |         |           |             | 2/12/2011  | 3330              | 6441.45                               | 6441.15                               | 0.30          |
|            |         |           |             | 5/12/2011  | 3419              | 6441.57                               | 6441.08                               | 0.49          |
|            |         |           |             | 8/10/2011  | 3508              | 6441.51                               | 6441.02                               | 0.49          |
|            |         |           |             | 12/6/2011  | 3627              | 6441.26                               | 6440.95                               | 0.31          |
|            |         |           |             | 3/10/2012  | 3722              | 6441.18                               | 6440.86                               | 0.32          |
|            |         |           |             | 8/2/2012   | 3866              | 6441.20                               | 6440.70                               | 0.50          |
|            |         |           |             | 11/14/2012 | 3971              | 6441.02                               | 6440.58                               | 0.44          |
|            |         |           |             | 2/7/2013   | 4055              | 6440.88                               | 6440.49                               | 0.39          |
|            |         |           |             | 8/9/2013   | 4239              | 6440.88                               | 6440.36                               | 0.52          |
|            |         |           |             | 12/13/2013 | 4364              | 6442.03                               | 6440.39                               | 1.64          |
|            |         |           |             | 2/14/2014  | 4428              | 6442.14                               | 6440.38                               | 1.76          |
|            |         |           |             | 8/27/2014  | 4622              | 6442.00                               | 6440.39                               | 1.61          |
|            |         |           |             | 2/20/2015  | 4799              | 6442.97                               | 6440.53                               | 2.44          |
|            |         |           |             | 12/1/2015  | 5082              | 6443.31                               | 6440.84                               | 2.47          |
|            |         |           |             | 12/13/2016 | 5460              | 6442.98                               | 6441.40                               | 1.58          |
| 3/28/2017  | 5566    | 6442.84   | 6441.54     | 1.30       |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6442.23   | 6441.74     | 0.49       |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6443.38   | 6441.85     | 1.53       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6443.28   | 6441.88     | 1.40       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 554        | 479,107 | 1,534,967 | 1           | 6/3/2009   | 2710              | 6439.36                               | 6441.22                               | -1.86         |
|            |         |           |             | 10/10/2009 | 2839              | 6438.66                               | 6440.82                               | -2.16         |
|            |         |           |             | 11/10/2009 | 2871              | 6438.81                               | 6440.72                               | -1.91         |
|            |         |           |             | 12/15/2009 | 2905              | 6438.97                               | 6440.62                               | -1.65         |
|            |         |           |             | 3/26/2010  | 3007              | 6439.33                               | 6440.52                               | -1.19         |
|            |         |           |             | 9/15/2010  | 3179              | 6439.57                               | 6440.37                               | -0.80         |
|            |         |           |             | 12/15/2010 | 3270              | 6439.35                               | 6440.28                               | -0.93         |
|            |         |           |             | 2/10/2011  | 3328              | 6438.94                               | 6440.27                               | -1.33         |
|            |         |           |             | 5/12/2011  | 3419              | 6439.89                               | 6440.26                               | -0.37         |
|            |         |           |             | 8/10/2011  | 3508              | 6439.61                               | 6440.22                               | -0.61         |
|            |         |           |             | 12/6/2011  | 3627              | 6439.38                               | 6440.17                               | -0.79         |
|            |         |           |             | 8/2/2012   | 3866              | 6439.23                               | 6439.78                               | -0.55         |
|            |         |           |             | 11/14/2012 | 3971              | 6438.75                               | 6439.61                               | -0.86         |
|            |         |           |             | 2/7/2013   | 4055              | 6438.69                               | 6439.51                               | -0.82         |
|            |         |           |             | 8/9/2013   | 4239              | 6438.87                               | 6439.39                               | -0.52         |
|            |         |           |             | 12/13/2013 | 4364              | 6440.51                               | 6439.44                               | 1.07          |
|            |         |           |             | 2/14/2014  | 4428              | 6440.56                               | 6439.44                               | 1.12          |
|            |         |           |             | 2/20/2015  | 4799              | 6441.49                               | 6439.62                               | 1.87          |
|            |         |           |             | 12/1/2015  | 5082              | 6441.75                               | 6439.99                               | 1.76          |
|            |         |           |             | 12/13/2016 | 5460              | 6440.67                               | 6440.61                               | 0.06          |
| 3/28/2017  | 5566    | 6440.45   | 6440.72     | -0.27      |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6439.62   | 6440.78     | -1.16      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6440.47   | 6440.75     | -0.28      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6441.02   | 6440.67     | 0.35       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 555       | 486,236 | 1,538,572 | 1           | 2/13/2010  | 2966              | 6514.24                               | 6509.95                               | 4.29          |
|           |         |           |             | 3/26/2010  | 3007              | 6513.16                               | 6509.97                               | 3.19          |
|           |         |           |             | 6/29/2010  | 3101              | 6513.55                               | 6510.04                               | 3.51          |
|           |         |           |             | 9/14/2010  | 3178              | 6512.06                               | 6510.11                               | 1.95          |
|           |         |           |             | 11/16/2010 | 3242              | 6512.84                               | 6510.17                               | 2.67          |
|           |         |           |             | 2/8/2011   | 3326              | 6512.86                               | 6510.25                               | 2.61          |
|           |         |           |             | 6/2/2011   | 3439              | 6512.93                               | 6510.37                               | 2.56          |
|           |         |           |             | 8/9/2011   | 3508              | 6511.90                               | 6510.45                               | 1.45          |
|           |         |           |             | 3/7/2012   | 3718              | 6512.54                               | 6510.71                               | 1.83          |
|           |         |           |             | 7/28/2012  | 3862              | 6511.74                               | 6510.90                               | 0.84          |
|           |         |           |             | 11/28/2012 | 3985              | 6511.66                               | 6511.08                               | 0.58          |
|           |         |           |             | 2/6/2013   | 4054              | 6511.50                               | 6511.17                               | 0.33          |
|           |         |           |             | 8/16/2013  | 4245              | 6511.94                               | 6511.51                               | 0.43          |
|           |         |           |             | 2/12/2014  | 4426              | 6512.64                               | 6511.99                               | 0.65          |
|           |         |           |             | 9/4/2014   | 4629              | 6512.30                               | 6512.53                               | -0.23         |
|           |         |           |             | 2/26/2015  | 4805              | 6512.36                               | 6513.00                               | -0.64         |
|           |         |           |             | 2/17/2016  | 5161              | 6513.69                               | 6513.84                               | -0.15         |
|           |         |           |             | 3/28/2017  | 5565              | 6512.81                               | 6514.49                               | -1.68         |
|           |         |           |             | 2/7/2018   | 5881              | 6509.62                               | 6514.55                               | -4.93         |
| 2/5/2019  | 6244    | 6515.36   | 6514.22     | 1.14       |                   |                                       |                                       |               |
| 556       | 486,184 | 1,538,006 | 1           | 2/13/2010  | 2966              | 6499.17                               | 6508.72                               | -9.55         |
|           |         |           |             | 3/26/2010  | 3007              | 6501.42                               | 6508.74                               | -7.32         |
|           |         |           |             | 6/29/2010  | 3101              | 6501.14                               | 6508.81                               | -7.67         |
|           |         |           |             | 9/14/2010  | 3178              | 6504.32                               | 6508.87                               | -4.55         |
|           |         |           |             | 11/16/2010 | 3242              | 6505.14                               | 6508.93                               | -3.79         |
|           |         |           |             | 2/8/2011   | 3325              | 6506.14                               | 6509.01                               | -2.87         |
|           |         |           |             | 6/2/2011   | 3439              | 6505.68                               | 6509.11                               | -3.43         |
|           |         |           |             | 8/9/2011   | 3508              | 6503.24                               | 6509.18                               | -5.94         |
|           |         |           |             | 3/7/2012   | 3718              | 6503.68                               | 6509.41                               | -5.73         |
|           |         |           |             | 7/28/2012  | 3862              | 6501.82                               | 6509.58                               | -7.76         |
|           |         |           |             | 11/28/2012 | 3985              | 6500.99                               | 6509.73                               | -8.74         |
|           |         |           |             | 2/6/2013   | 4054              | 6501.32                               | 6509.82                               | -8.50         |
|           |         |           |             | 8/16/2013  | 4245              | 6503.50                               | 6510.11                               | -6.61         |
|           |         |           |             | 9/4/2014   | 4629              | 6504.24                               | 6510.94                               | -6.70         |
|           |         |           |             | 2/26/2015  | 4805              | 6504.54                               | 6511.37                               | -6.83         |
|           |         |           |             | 2/11/2016  | 5155              | 6506.41                               | 6512.22                               | -5.81         |
|           |         |           |             | 3/28/2017  | 5565              | 6506.49                               | 6513.03                               | -6.54         |
|           |         |           |             | 2/7/2018   | 5881              | 6502.02                               | 6513.33                               | -11.31        |
|           |         |           |             | 2/5/2019   | 6244              | 6512.04                               | 6513.30                               | -1.26         |
| 4/17/2019 | 6316    | 6513.59   | 6513.27     | 0.32       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 557        | 486,000 | 1,537,204 | 1           | 2/13/2010  | 2966              | 6508.01                               | 6505.86                               | 2.15          |
|            |         |           |             | 3/26/2010  | 3007              | 6507.97                               | 6505.89                               | 2.08          |
|            |         |           |             | 6/29/2010  | 3101              | 6507.86                               | 6505.97                               | 1.89          |
|            |         |           |             | 9/14/2010  | 3178              | 6507.79                               | 6506.04                               | 1.75          |
|            |         |           |             | 2/8/2011   | 3325              | 6508.23                               | 6506.18                               | 2.05          |
|            |         |           |             | 6/2/2011   | 3439              | 6508.29                               | 6506.28                               | 2.01          |
|            |         |           |             | 8/9/2011   | 3508              | 6508.27                               | 6506.34                               | 1.93          |
|            |         |           |             | 3/7/2012   | 3719              | 6508.13                               | 6506.53                               | 1.60          |
|            |         |           |             | 7/28/2012  | 3862              | 6507.87                               | 6506.67                               | 1.20          |
|            |         |           |             | 11/28/2012 | 3985              | 6507.76                               | 6506.80                               | 0.96          |
|            |         |           |             | 2/6/2013   | 4054              | 6508.03                               | 6506.87                               | 1.16          |
|            |         |           |             | 8/16/2013  | 4246              | 6508.07                               | 6507.14                               | 0.93          |
|            |         |           |             | 2/12/2014  | 4426              | 6508.37                               | 6507.48                               | 0.89          |
|            |         |           |             | 9/4/2014   | 4629              | 6508.68                               | 6507.82                               | 0.86          |
|            |         |           |             | 2/26/2015  | 4805              | 6508.72                               | 6508.17                               | 0.55          |
| 2/5/2019   | 6244    | 6510.90   | 6510.61     | 0.29       |                   |                                       |                                       |               |
| 631        | 483,756 | 1,532,234 | 1           | 4/19/2011  | 3396              | 6445.42                               | 6449.60                               | -4.18         |
|            |         |           |             | 12/8/2011  | 3629              | 6447.28                               | 6451.72                               | -4.44         |
|            |         |           |             | 5/10/2012  | 3783              | 6447.76                               | 6452.00                               | -4.24         |
|            |         |           |             | 11/14/2012 | 3971              | 6448.08                               | 6453.26                               | -5.18         |
|            |         |           |             | 3/7/2013   | 4083              | 6449.20                               | 6454.73                               | -5.53         |
|            |         |           |             | 12/13/2013 | 4364              | 6450.52                               | 6456.81                               | -6.29         |
|            |         |           |             | 4/2/2014   | 4474              | 6451.55                               | 6457.38                               | -5.83         |
|            |         |           |             | 12/3/2015  | 5084              | 6453.40                               | 6459.41                               | -6.01         |
|            |         |           |             | 12/13/2016 | 5460              | 6455.20                               | 6460.08                               | -4.88         |
|            |         |           |             | 12/28/2016 | 5475              | 6455.08                               | 6460.09                               | -5.01         |
|            |         |           |             | 7/1/2017   | 5661              | 6452.50                               | 6460.08                               | -7.58         |
|            |         |           |             | 12/6/2017  | 5818              | 6456.02                               | 6459.97                               | -3.95         |
|            |         |           |             | 4/3/2018   | 5936              | 6457.90                               | 6459.83                               | -1.93         |
|            |         |           |             | 12/27/2018 | 6204              | 6457.77                               | 6459.67                               | -1.90         |
| 11/23/2019 | 6535    | 6457.12   | 6459.37     | -2.25      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6457.07   | 6459.33     | -2.26      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 632        | 483,767 | 1,531,850 | 1           | 2/4/2005   | 1130              | 6450.49                               | 6443.74                               | 6.75          |
|            |         |           |             | 3/18/2005  | 1173              | 6450.91                               | 6443.75                               | 7.16          |
|            |         |           |             | 4/29/2005  | 1214              | 6449.88                               | 6443.75                               | 6.13          |
|            |         |           |             | 6/16/2005  | 1263              | 6447.79                               | 6443.76                               | 4.03          |
|            |         |           |             | 12/2/2005  | 1431              | 6448.05                               | 6443.89                               | 4.16          |
|            |         |           |             | 6/1/2006   | 1613              | 6447.92                               | 6444.19                               | 3.73          |
|            |         |           |             | 12/19/2006 | 1814              | 6448.20                               | 6444.41                               | 3.79          |
|            |         |           |             | 3/1/2007   | 1886              | 6448.80                               | 6444.46                               | 4.34          |
|            |         |           |             | 5/2/2007   | 1947              | 6447.65                               | 6444.50                               | 3.15          |
|            |         |           |             | 5/29/2007  | 1974              | 6446.65                               | 6444.51                               | 2.14          |
|            |         |           |             | 7/18/2007  | 2025              | 6445.99                               | 6444.56                               | 1.43          |
|            |         |           |             | 9/13/2007  | 2081              | 6445.42                               | 6444.61                               | 0.81          |
|            |         |           |             | 11/13/2007 | 2143              | 6446.70                               | 6444.66                               | 2.04          |
|            |         |           |             | 4/19/2011  | 3396              | 6446.72                               | 6448.38                               | -1.66         |
|            |         |           |             | 12/8/2011  | 3629              | 6448.32                               | 6450.37                               | -2.05         |
|            |         |           |             | 5/10/2012  | 3783              | 6449.30                               | 6451.07                               | -1.77         |
|            |         |           |             | 11/14/2012 | 3971              | 6449.11                               | 6452.16                               | -3.05         |
|            |         |           |             | 3/7/2013   | 4083              | 6450.40                               | 6453.09                               | -2.69         |
|            |         |           |             | 12/13/2013 | 4364              | 6451.77                               | 6455.07                               | -3.30         |
|            |         |           |             | 4/2/2014   | 4474              | 6452.71                               | 6455.61                               | -2.90         |
|            |         |           |             | 12/3/2015  | 5084              | 6454.49                               | 6457.55                               | -3.06         |
|            |         |           |             | 12/13/2016 | 5460              | 6456.16                               | 6458.24                               | -2.08         |
|            |         |           |             | 3/6/2018   | 5909              | 6456.82                               | 6458.10                               | -1.28         |
| 12/27/2018 | 6204    | 6458.08   | 6457.92     | 0.16       |                   |                                       |                                       |               |
| 4/17/2019  | 6315    | 6457.82   | 6457.89     | -0.07      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6457.33   | 6457.64     | -0.31      |                   |                                       |                                       |               |
| 633        | 479,642 | 1,541,467 | 1           | 12/6/2002  | 340               | 6481.16                               | 6480.99                               | 0.17          |
|            |         |           |             | 12/19/2003 | 718               | 6483.03                               | 6481.07                               | 1.96          |
|            |         |           |             | 12/11/2004 | 1076              | 6482.56                               | 6480.35                               | 2.21          |
|            |         |           |             | 12/3/2005  | 1432              | 6481.81                               | 6483.37                               | -1.56         |
|            |         |           |             | 12/21/2006 | 1815              | 6483.36                               | 6482.79                               | 0.57          |
|            |         |           |             | 11/13/2007 | 2143              | 6482.39                               | 6482.57                               | -0.18         |
|            |         |           |             | 12/9/2008  | 2534              | 6486.33                               | 6482.89                               | 3.44          |
|            |         |           |             | 12/11/2009 | 2901              | 6484.23                               | 6483.19                               | 1.04          |
|            |         |           |             | 4/16/2010  | 3027              | 6485.59                               | 6485.27                               | 0.32          |
|            |         |           |             | 2/26/2019  | 6265              | 6484.93                               | 6485.80                               | -0.87         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 634        | 480,362 | 1,541,652 | 1           | 4/16/2010  | 3027              | 6487.27                               | 6489.14                               | -1.87         |
|            |         |           |             | 5/19/2010  | 3061              | 6487.76                               | 6489.30                               | -1.54         |
|            |         |           |             | 6/15/2010  | 3088              | 6484.21                               | 6489.43                               | -5.22         |
|            |         |           |             | 12/15/2010 | 3271              | 6484.02                               | 6490.09                               | -6.07         |
|            |         |           |             | 4/27/2011  | 3404              | 6484.07                               | 6489.46                               | -5.39         |
|            |         |           |             | 7/6/2011   | 3474              | 6481.97                               | 6489.25                               | -7.28         |
|            |         |           |             | 12/7/2011  | 3627              | 6484.27                               | 6488.93                               | -4.66         |
|            |         |           |             | 4/13/2012  | 3756              | 6483.53                               | 6488.86                               | -5.33         |
|            |         |           |             | 11/20/2012 | 3977              | 6485.02                               | 6488.91                               | -3.89         |
|            |         |           |             | 11/24/2013 | 4345              | 6486.77                               | 6490.22                               | -3.45         |
|            |         |           |             | 12/13/2013 | 4364              | 6488.27                               | 6490.32                               | -2.05         |
|            |         |           |             | 7/30/2014  | 4593              | 6487.32                               | 6492.59                               | -5.27         |
|            |         |           |             | 4/23/2015  | 4860              | 6491.32                               | 6495.65                               | -4.33         |
|            |         |           |             | 5/6/2015   | 4873              | 6491.39                               | 6495.79                               | -4.40         |
|            |         |           |             | 6/17/2015  | 4915              | 6491.49                               | 6496.20                               | -4.71         |
|            |         |           |             | 8/20/2015  | 4979              | 6491.38                               | 6496.65                               | -5.27         |
|            |         |           |             | 9/30/2015  | 5020              | 6492.40                               | 6496.85                               | -4.45         |
|            |         |           |             | 12/1/2015  | 5082              | 6492.18                               | 6497.10                               | -4.92         |
|            |         |           |             | 2/19/2016  | 5163              | 6492.65                               | 6496.64                               | -3.99         |
|            |         |           |             | 3/21/2017  | 5558              | 6487.44                               | 6493.72                               | -6.28         |
|            |         |           |             | 7/12/2017  | 5672              | 6486.27                               | 6492.63                               | -6.36         |
|            |         |           |             | 12/6/2017  | 5818              | 6488.87                               | 6491.71                               | -2.84         |
|            |         |           |             | 12/14/2017 | 5826              | 6489.30                               | 6491.66                               | -2.36         |
|            |         |           |             | 2/13/2018  | 5887              | 6488.12                               | 6491.67                               | -3.55         |
|            |         |           |             | 6/22/2018  | 6017              | 6490.59                               | 6491.77                               | -1.18         |
|            |         |           |             | 8/29/2018  | 6084              | 6492.95                               | 6491.75                               | 1.20          |
|            |         |           |             | 12/27/2018 | 6204              | 6488.93                               | 6491.66                               | -2.73         |
|            |         |           |             | 1/29/2019  | 6237              | 6485.23                               | 6491.80                               | -6.57         |
|            |         |           |             | 2/22/2019  | 6261              | 6492.11                               | 6491.62                               | 0.49          |
|            |         |           |             | 2/26/2019  | 6265              | 6492.07                               | 6491.60                               | 0.47          |
| 3/26/2019  | 6293    | 6491.01   | 6491.43     | -0.42      |                   |                                       |                                       |               |
| 5/29/2019  | 6357    | 6488.57   | 6491.09     | -2.52      |                   |                                       |                                       |               |
| 6/25/2019  | 6384    | 6490.62   | 6490.97     | -0.35      |                   |                                       |                                       |               |
| 7/30/2019  | 6419    | 6490.62   | 6490.81     | -0.19      |                   |                                       |                                       |               |
| 10/1/2019  | 6482    | 6490.57   | 6490.53     | 0.04       |                   |                                       |                                       |               |
| 10/29/2019 | 6510    | 6490.57   | 6490.42     | 0.15       |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6489.59   | 6490.23     | -0.64      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 636       | 476,038 | 1,545,374 | 1           | 10/4/2002  | 276               | 6473.02                               | 6473.39                               | -0.37         |
|           |         |           |             | 1/7/2004   | 736               | 6472.06                               | 6473.72                               | -1.66         |
|           |         |           |             | 9/16/2004  | 989               | 6470.76                               | 6473.60                               | -2.84         |
|           |         |           |             | 9/28/2005  | 1366              | 6468.94                               | 6472.50                               | -3.56         |
|           |         |           |             | 11/14/2006 | 1779              | 6466.96                               | 6470.98                               | -4.02         |
|           |         |           |             | 9/27/2007  | 2096              | 6465.96                               | 6469.92                               | -3.96         |
|           |         |           |             | 11/18/2008 | 2514              | 6465.70                               | 6468.81                               | -3.11         |
|           |         |           |             | 9/24/2009  | 2823              | 6465.54                               | 6468.16                               | -2.62         |
|           |         |           |             | 9/15/2010  | 3180              | 6467.11                               | 6467.72                               | -0.61         |
|           |         |           |             | 11/3/2011  | 3593              | 6465.74                               | 6467.48                               | -1.74         |
|           |         |           |             | 10/18/2012 | 3944              | 6466.35                               | 6467.17                               | -0.82         |
|           |         |           |             | 12/19/2014 | 4736              | 6469.39                               | 6467.88                               | 1.51          |
| 637       | 474,710 | 1,545,409 | 1           | 10/4/2002  | 276               | 6469.39                               | 6473.14                               | -3.75         |
|           |         |           |             | 1/7/2004   | 736               | 6467.63                               | 6473.38                               | -5.75         |
|           |         |           |             | 9/16/2004  | 989               | 6466.22                               | 6473.33                               | -7.11         |
|           |         |           |             | 9/28/2005  | 1367              | 6464.60                               | 6472.53                               | -7.93         |
|           |         |           |             | 11/14/2006 | 1779              | 6462.76                               | 6471.19                               | -8.43         |
|           |         |           |             | 9/26/2007  | 2095              | 6461.80                               | 6470.18                               | -8.38         |
|           |         |           |             | 11/18/2008 | 2514              | 6461.27                               | 6469.04                               | -7.77         |
|           |         |           |             | 9/24/2009  | 2823              | 6460.82                               | 6468.36                               | -7.54         |
|           |         |           |             | 9/15/2010  | 3180              | 6461.39                               | 6467.84                               | -6.45         |
|           |         |           |             | 11/3/2011  | 3593              | 6460.85                               | 6467.53                               | -6.68         |
|           |         |           |             | 10/18/2012 | 3944              | 6460.76                               | 6467.22                               | -6.46         |
|           |         |           |             | 12/12/2014 | 4729              | 6462.66                               | 6467.63                               | -4.97         |
|           |         |           |             | 12/21/2016 | 5469              | 6462.70                               | 6469.74                               | -7.04         |
|           |         |           |             | 10/7/2017  | 5759              | 6462.10                               | 6469.83                               | -7.73         |
|           |         |           |             | 9/13/2018  | 6099              | 6463.88                               | 6469.42                               | -5.54         |
| 10/1/2019 | 6483    | 6462.91   | 6468.73     | -5.82      |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 638        | 493,265 | 1,539,628 | 1           | 10/14/2003 | 651               | 6531.42                               | 6537.99                               | -6.57         |
|            |         |           |             | 12/19/2003 | 718               | 6532.53                               | 6537.97                               | -5.44         |
|            |         |           |             | 10/8/2004  | 1012              | 6535.69                               | 6537.93                               | -2.24         |
|            |         |           |             | 12/15/2004 | 1079              | 6536.11                               | 6537.92                               | -1.81         |
|            |         |           |             | 10/5/2005  | 1374              | 6538.13                               | 6541.42                               | -3.29         |
|            |         |           |             | 12/2/2005  | 1431              | 6540.46                               | 6541.83                               | -1.37         |
|            |         |           |             | 10/3/2006  | 1736              | 6541.46                               | 6542.51                               | -1.05         |
|            |         |           |             | 10/4/2007  | 2103              | 6538.64                               | 6542.36                               | -3.72         |
|            |         |           |             | 11/14/2007 | 2143              | 6538.48                               | 6542.36                               | -3.88         |
|            |         |           |             | 10/25/2008 | 2489              | 6538.05                               | 6542.30                               | -4.25         |
|            |         |           |             | 12/5/2008  | 2530              | 6538.35                               | 6542.28                               | -3.93         |
|            |         |           |             | 9/24/2009  | 2824              | 6537.74                               | 6542.13                               | -4.39         |
|            |         |           |             | 12/15/2009 | 2906              | 6538.82                               | 6542.11                               | -3.29         |
|            |         |           |             | 9/14/2010  | 3179              | 6541.75                               | 6542.06                               | -0.31         |
|            |         |           |             | 12/16/2010 | 3271              | 6543.76                               | 6542.09                               | 1.67          |
|            |         |           |             | 10/20/2011 | 3579              | 6545.26                               | 6542.80                               | 2.46          |
|            |         |           |             | 12/8/2011  | 3629              | 6545.56                               | 6542.90                               | 2.66          |
|            |         |           |             | 10/16/2012 | 3942              | 6544.97                               | 6543.26                               | 1.71          |
|            |         |           |             | 11/14/2012 | 3970              | 6544.38                               | 6543.28                               | 1.10          |
|            |         |           |             | 12/12/2013 | 4364              | 6542.89                               | 6543.09                               | -0.20         |
|            |         |           |             | 12/2/2015  | 5083              | 6543.12                               | 6543.35                               | -0.23         |
|            |         |           |             | 12/13/2016 | 5460              | 6541.23                               | 6544.58                               | -3.35         |
|            |         |           |             | 4/28/2017  | 5596              | 6540.12                               | 6543.97                               | -3.85         |
|            |         |           |             | 12/6/2017  | 5818              | 6539.01                               | 6542.98                               | -3.97         |
| 2/8/2018   | 5882    | 6533.41   | 6542.78     | -9.37      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6536.83   | 6542.06     | -5.23      |                   |                                       |                                       |               |
| 2/13/2019  | 6252    | 6536.58   | 6541.78     | -5.20      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6535.65   | 6540.70     | -5.05      |                   |                                       |                                       |               |
| 639        | 492,961 | 1,539,370 | 1           | 1/15/2013  | 4032              | 6534.48                               | 6539.78                               | -5.30         |
|            |         |           |             | 5/14/2013  | 4152              | 6531.28                               | 6539.44                               | -8.16         |
|            |         |           |             | 4/28/2017  | 5596              | 6533.77                               | 6541.52                               | -7.75         |
|            |         |           |             | 4/3/2018   | 5937              | 6533.68                               | 6539.67                               | -5.99         |
|            |         |           |             | 4/3/2019   | 6301              | 6532.42                               | 6539.08                               | -6.66         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 640        | 491,961 | 1,537,790 | 1           | 7/24/2002  | 204               | 6525.08                               | 6526.49                               | -1.41         |
|            |         |           |             | 12/19/2003 | 718               | 6526.07                               | 6526.69                               | -0.62         |
|            |         |           |             | 1/8/2004   | 738               | 6526.12                               | 6526.71                               | -0.59         |
|            |         |           |             | 7/14/2004  | 926               | 6526.27                               | 6527.34                               | -1.07         |
|            |         |           |             | 12/15/2004 | 1079              | 6526.52                               | 6527.85                               | -1.33         |
|            |         |           |             | 7/7/2005   | 1283              | 6525.77                               | 6528.15                               | -2.38         |
|            |         |           |             | 12/2/2005  | 1431              | 6526.63                               | 6528.31                               | -1.68         |
|            |         |           |             | 12/13/2006 | 1808              | 6525.37                               | 6528.68                               | -3.31         |
|            |         |           |             | 10/26/2007 | 2125              | 6524.17                               | 6528.38                               | -4.21         |
|            |         |           |             | 11/14/2007 | 2143              | 6524.48                               | 6528.36                               | -3.88         |
|            |         |           |             | 10/16/2008 | 2481              | 6522.73                               | 6527.81                               | -5.08         |
|            |         |           |             | 12/5/2008  | 2530              | 6524.38                               | 6527.73                               | -3.35         |
|            |         |           |             | 7/21/2009  | 2758              | 6524.69                               | 6527.90                               | -3.21         |
|            |         |           |             | 12/15/2009 | 2906              | 6524.39                               | 6528.10                               | -3.71         |
|            |         |           |             | 12/16/2010 | 3271              | 6525.57                               | 6528.52                               | -2.95         |
|            |         |           |             | 12/8/2011  | 3628              | 6527.22                               | 6529.35                               | -2.13         |
|            |         |           |             | 11/14/2012 | 3970              | 6527.18                               | 6530.04                               | -2.86         |
|            |         |           |             | 12/12/2013 | 4364              | 6527.77                               | 6530.59                               | -2.82         |
| 12/2/2015  | 5083    | 6529.04   | 6531.77     | -2.73      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6532.52   | 6530.67     | 1.85       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6495.97   | 6529.50     | -33.53     |                   |                                       |                                       |               |
| 641        | 491,110 | 1,536,494 | 1           | 3/1/2007   | 1885              | 6519.11                               | 6526.10                               | -6.99         |
|            |         |           |             | 7/1/2015   | 4930              | 6522.51                               | 6529.51                               | -7.00         |
| 642        | 490,932 | 1,536,104 | 1           | 3/1/2007   | 1885              | 6516.87                               | 6524.92                               | -8.05         |
|            |         |           |             | 7/1/2015   | 4930              | 6520.68                               | 6528.51                               | -7.83         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 644        | 485,450 | 1,533,481 | 1           | 10/17/2002 | 290               | 6466.10                               | 6447.45                               | 18.65         |
|            |         |           |             | 1/8/2004   | 738               | 6460.88                               | 6446.16                               | 14.72         |
|            |         |           |             | 6/23/2004  | 904               | 6458.60                               | 6452.15                               | 6.45          |
|            |         |           |             | 12/11/2004 | 1075              | 6458.07                               | 6453.49                               | 4.58          |
|            |         |           |             | 7/7/2005   | 1284              | 6459.22                               | 6456.60                               | 2.62          |
|            |         |           |             | 12/2/2005  | 1431              | 6458.66                               | 6458.21                               | 0.45          |
|            |         |           |             | 7/12/2011  | 3480              | 6462.50                               | 6468.71                               | -6.21         |
|            |         |           |             | 12/8/2011  | 3629              | 6463.54                               | 6470.36                               | -6.82         |
|            |         |           |             | 11/14/2012 | 3970              | 6466.99                               | 6473.62                               | -6.63         |
|            |         |           |             | 12/13/2013 | 4364              | 6469.50                               | 6477.14                               | -7.64         |
|            |         |           |             | 10/11/2014 | 4667              | 6471.67                               | 6477.58                               | -5.91         |
|            |         |           |             | 12/2/2015  | 5083              | 6473.23                               | 6479.40                               | -6.17         |
|            |         |           |             | 8/2/2016   | 5328              | 6474.16                               | 6479.04                               | -4.88         |
|            |         |           |             | 12/13/2016 | 5460              | 6474.25                               | 6478.83                               | -4.58         |
|            |         |           |             | 11/7/2017  | 5789              | 6473.69                               | 6477.74                               | -4.05         |
|            |         |           |             | 12/6/2017  | 5818              | 6474.02                               | 6477.64                               | -3.62         |
|            |         |           |             | 4/3/2018   | 5937              | 6475.62                               | 6477.15                               | -1.53         |
|            |         |           |             | 12/27/2018 | 6204              | 6474.30                               | 6477.37                               | -3.07         |
|            |         |           |             | 4/3/2019   | 6301              | 6473.83                               | 6477.13                               | -3.30         |
|            |         |           |             | 11/15/2019 | 6527              | 6472.90                               | 6476.13                               | -3.23         |
| 12/18/2019 | 6560    | 6472.96   | 6475.98     | -3.02      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6472.86   | 6475.97     | -3.11      |                   |                                       |                                       |               |
| 645        | 485,282 | 1,532,924 | 1           | 12/12/2006 | 1807              | 6461.29                               | 6454.66                               | 6.63          |
|            |         |           |             | 4/16/2010  | 3027              | 6466.89                               | 6460.39                               | 6.50          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 646        | 484,952 | 1,533,246 | 1           | 10/17/2002 | 290               | 6464.25                               | 6445.32                               | 18.93         |
|            |         |           |             | 1/8/2004   | 738               | 6459.36                               | 6444.81                               | 14.55         |
|            |         |           |             | 11/9/2004  | 1044              | 6455.34                               | 6448.03                               | 7.31          |
|            |         |           |             | 11/5/2005  | 1405              | 6454.89                               | 6452.46                               | 2.43          |
|            |         |           |             | 10/19/2006 | 1753              | 6454.77                               | 6453.03                               | 1.74          |
|            |         |           |             | 9/14/2007  | 2083              | 6450.02                               | 6454.07                               | -4.05         |
|            |         |           |             | 12/2/2008  | 2527              | 6452.17                               | 6455.48                               | -3.31         |
|            |         |           |             | 10/8/2009  | 2837              | 6451.25                               | 6456.65                               | -5.40         |
|            |         |           |             | 4/16/2010  | 3027              | 6454.82                               | 6457.85                               | -3.03         |
|            |         |           |             | 12/14/2010 | 3269              | 6455.66                               | 6459.99                               | -4.33         |
|            |         |           |             | 11/10/2011 | 3600              | 6458.81                               | 6464.48                               | -5.67         |
|            |         |           |             | 10/23/2012 | 3949              | 6461.41                               | 6467.90                               | -6.49         |
|            |         |           |             | 12/13/2013 | 4364              | 6464.29                               | 6471.48                               | -7.19         |
|            |         |           |             | 9/4/2014   | 4629              | 6466.78                               | 6472.22                               | -5.44         |
|            |         |           |             | 12/3/2015  | 5084              | 6468.14                               | 6473.91                               | -5.77         |
|            |         |           |             | 8/2/2016   | 5328              | 6469.81                               | 6473.91                               | -4.10         |
|            |         |           |             | 12/13/2016 | 5460              | 6469.85                               | 6473.79                               | -3.94         |
|            |         |           |             | 11/15/2017 | 5797              | 6469.94                               | 6472.96                               | -3.02         |
|            |         |           |             | 12/6/2017  | 5818              | 6470.17                               | 6472.91                               | -2.74         |
|            |         |           |             | 3/7/2018   | 5909              | 6471.30                               | 6472.56                               | -1.26         |
| 12/27/2018 | 6204    | 6470.59   | 6472.51     | -1.92      |                   |                                       |                                       |               |
| 4/17/2019  | 6315    | 6470.18   | 6472.34     | -2.16      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6469.30   | 6471.49     | -2.19      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 647        | 478,308 | 1,536,623 | 1           | 2/10/2011  | 3327              | 6445.90                               | 6445.95                               | -0.05         |
|            |         |           |             | 5/12/2011  | 3418              | 6446.21                               | 6446.06                               | 0.15          |
|            |         |           |             | 8/17/2011  | 3515              | 6445.65                               | 6446.10                               | -0.45         |
|            |         |           |             | 12/6/2011  | 3627              | 6445.42                               | 6446.12                               | -0.70         |
|            |         |           |             | 3/14/2012  | 3725              | 6445.81                               | 6445.86                               | -0.05         |
|            |         |           |             | 11/14/2012 | 3971              | 6444.68                               | 6445.43                               | -0.75         |
|            |         |           |             | 2/7/2013   | 4055              | 6445.51                               | 6445.48                               | 0.03          |
|            |         |           |             | 8/9/2013   | 4239              | 6446.11                               | 6445.50                               | 0.61          |
|            |         |           |             | 12/13/2013 | 4365              | 6447.79                               | 6445.59                               | 2.20          |
|            |         |           |             | 2/20/2015  | 4798              | 6449.53                               | 6446.02                               | 3.51          |
|            |         |           |             | 12/13/2016 | 5460              | 6447.21                               | 6447.26                               | -0.05         |
|            |         |           |             | 3/16/2017  | 5554              | 6447.56                               | 6447.34                               | 0.22          |
|            |         |           |             | 12/6/2017  | 5818              | 6446.68                               | 6447.25                               | -0.57         |
|            |         |           |             | 1/9/2018   | 5852              | 6447.69                               | 6447.22                               | 0.47          |
|            |         |           |             | 3/29/2018  | 5932              | 6447.25                               | 6447.14                               | 0.11          |
|            |         |           |             | 7/10/2018  | 6035              | 6446.47                               | 6447.05                               | -0.58         |
|            |         |           |             | 11/29/2018 | 6176              | 6446.49                               | 6446.93                               | -0.44         |
|            |         |           |             | 12/27/2018 | 6204              | 6447.01                               | 6446.90                               | 0.11          |
|            |         |           |             | 1/8/2019   | 6217              | 6446.98                               | 6446.89                               | 0.09          |
|            |         |           |             | 4/2/2019   | 6300              | 6448.64                               | 6446.83                               | 1.81          |
| 7/9/2019   | 6398    | 6478.41   | 6446.73     | 31.68      |                   |                                       |                                       |               |
| 10/10/2019 | 6491    | 6448.28   | 6446.62     | 1.66       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6447.31   | 6446.53     | 0.78       |                   |                                       |                                       |               |
| 648        | 478,343 | 1,534,730 | 1           | 4/3/2008   | 2284              | 6430.39                               | 6439.76                               | -9.37         |
|            |         |           |             | 4/11/2008  | 2293              | 6431.28                               | 6439.71                               | -8.43         |
|            |         |           |             | 12/5/2008  | 2531              | 6430.09                               | 6438.48                               | -8.39         |
|            |         |           |             | 5/7/2009   | 2683              | 6428.89                               | 6437.29                               | -8.40         |
|            |         |           |             | 12/10/2009 | 2901              | 6425.79                               | 6436.39                               | -10.60        |
|            |         |           |             | 12/15/2010 | 3270              | 6425.94                               | 6436.38                               | -10.44        |
|            |         |           |             | 4/19/2011  | 3396              | 6425.79                               | 6436.26                               | -10.47        |
|            |         |           |             | 6/14/2011  | 3452              | 6425.89                               | 6436.21                               | -10.32        |
|            |         |           |             | 5/10/2012  | 3783              | 6425.79                               | 6435.66                               | -9.87         |
|            |         |           |             | 3/7/2013   | 4084              | 6425.79                               | 6434.98                               | -9.19         |
| 12/19/2019 | 6561    | 6427.69   | 6435.44     | -7.75      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 649        | 479,798 | 1,534,730 | 1           | 2/10/2011  | 3327              | 6440.31                               | 6440.12                               | 0.19          |
|            |         |           |             | 4/19/2011  | 3396              | 6440.49                               | 6440.09                               | 0.40          |
|            |         |           |             | 5/12/2011  | 3419              | 6440.51                               | 6440.08                               | 0.43          |
|            |         |           |             | 6/14/2011  | 3452              | 6440.49                               | 6440.07                               | 0.42          |
|            |         |           |             | 8/17/2011  | 3515              | 6440.34                               | 6440.03                               | 0.31          |
|            |         |           |             | 12/6/2011  | 3627              | 6440.12                               | 6439.97                               | 0.15          |
|            |         |           |             | 3/14/2012  | 3725              | 6440.21                               | 6439.83                               | 0.38          |
|            |         |           |             | 5/10/2012  | 3783              | 6440.29                               | 6439.75                               | 0.54          |
|            |         |           |             | 7/10/2012  | 3844              | 6440.09                               | 6439.66                               | 0.43          |
|            |         |           |             | 8/2/2012   | 3866              | 6440.06                               | 6439.63                               | 0.43          |
|            |         |           |             | 11/14/2012 | 3971              | 6439.94                               | 6439.49                               | 0.45          |
|            |         |           |             | 2/7/2013   | 4055              | 6439.78                               | 6439.42                               | 0.36          |
|            |         |           |             | 3/7/2013   | 4084              | 6439.83                               | 6439.40                               | 0.43          |
|            |         |           |             | 12/13/2013 | 4365              | 6441.28                               | 6439.36                               | 1.92          |
|            |         |           |             | 2/26/2014  | 4440              | 6441.16                               | 6439.35                               | 1.81          |
|            |         |           |             | 4/2/2014   | 4475              | 6440.89                               | 6439.35                               | 1.54          |
|            |         |           |             | 2/23/2016  | 5166              | 6442.39                               | 6440.06                               | 2.33          |
|            |         |           |             | 12/13/2016 | 5460              | 6441.59                               | 6440.53                               | 1.06          |
|            |         |           |             | 3/16/2017  | 5554              | 6441.43                               | 6440.65                               | 0.78          |
|            |         |           |             | 12/6/2017  | 5818              | 6441.09                               | 6440.79                               | 0.30          |
|            |         |           |             | 1/12/2018  | 5855              | 6508.79                               | 6440.79                               | 68.00         |
|            |         |           |             | 4/4/2018   | 5937              | 6440.83                               | 6440.80                               | 0.03          |
|            |         |           |             | 7/10/2018  | 6035              | 6439.70                               | 6440.82                               | -1.12         |
|            |         |           |             | 12/27/2018 | 6204              | 6440.39                               | 6440.83                               | -0.44         |
|            |         |           |             | 1/8/2019   | 6217              | 6439.28                               | 6440.83                               | -1.55         |
|            |         |           |             | 4/2/2019   | 6301              | 6440.31                               | 6440.83                               | -0.52         |
| 7/9/2019   | 6398    | 6465.19   | 6440.83     | 24.36      |                   |                                       |                                       |               |
| 10/10/2019 | 6492    | 6440.29   | 6440.82     | -0.53      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6440.44   | 6440.80     | -0.36      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 650        | 482,135 | 1,536,779 | 1           | 11/9/2004  | 1044              | 6464.91                               | 6464.49                               | 0.42          |
|            |         |           |             | 12/15/2004 | 1080              | 6464.77                               | 6464.48                               | 0.29          |
|            |         |           |             | 8/11/2005  | 1318              | 6463.88                               | 6464.42                               | -0.54         |
|            |         |           |             | 12/2/2005  | 1432              | 6463.57                               | 6464.39                               | -0.82         |
|            |         |           |             | 11/15/2006 | 1780              | 6462.60                               | 6464.33                               | -1.73         |
|            |         |           |             | 8/31/2007  | 2069              | 6461.79                               | 6464.27                               | -2.48         |
|            |         |           |             | 11/14/2007 | 2144              | 6461.79                               | 6464.25                               | -2.46         |
|            |         |           |             | 12/5/2008  | 2531              | 6461.01                               | 6464.09                               | -3.08         |
|            |         |           |             | 8/20/2009  | 2789              | 6460.78                               | 6463.99                               | -3.21         |
|            |         |           |             | 12/13/2009 | 2903              | 6462.88                               | 6463.94                               | -1.06         |
|            |         |           |             | 9/15/2010  | 3180              | 6462.89                               | 6463.94                               | -1.05         |
|            |         |           |             | 12/16/2010 | 3272              | 6462.83                               | 6463.94                               | -1.11         |
|            |         |           |             | 2/19/2011  | 3337              | 6462.70                               | 6463.93                               | -1.23         |
|            |         |           |             | 6/9/2011   | 3447              | 6462.36                               | 6463.92                               | -1.56         |
|            |         |           |             | 8/10/2011  | 3509              | 6462.17                               | 6463.91                               | -1.74         |
|            |         |           |             | 3/14/2012  | 3726              | 6461.61                               | 6463.88                               | -2.27         |
|            |         |           |             | 8/28/2012  | 3892              | 6461.39                               | 6463.85                               | -2.46         |
|            |         |           |             | 10/20/2012 | 3946              | 6461.22                               | 6463.84                               | -2.62         |
|            |         |           |             | 11/16/2012 | 3973              | 6461.33                               | 6463.83                               | -2.50         |
|            |         |           |             | 2/7/2013   | 4056              | 6461.17                               | 6463.80                               | -2.63         |
|            |         |           |             | 8/16/2013  | 4246              | 6461.01                               | 6463.80                               | -2.79         |
|            |         |           |             | 12/12/2013 | 4364              | 6461.13                               | 6463.87                               | -2.74         |
|            |         |           |             | 2/26/2014  | 4440              | 6461.31                               | 6463.84                               | -2.53         |
|            |         |           |             | 12/2/2015  | 5083              | 6463.41                               | 6464.20                               | -0.79         |
|            |         |           |             | 2/12/2016  | 5156              | 6464.60                               | 6464.22                               | 0.38          |
|            |         |           |             | 12/14/2016 | 5461              | 6463.39                               | 6464.36                               | -0.97         |
| 3/28/2017  | 5566    | 6463.53   | 6464.41     | -0.88      |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6463.31   | 6464.50     | -1.19      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6465.38   | 6464.61     | 0.77       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6465.20   | 6464.73     | 0.47       |                   |                                       |                                       |               |
|            |         |           |             | 10/17/2002 | 289               | 6452.04                               | 6459.41                               | -7.37         |
|            |         |           |             | 1/8/2004   | 738               | 6451.54                               | 6459.85                               | -8.31         |
|            |         |           |             | 3/4/2004   | 793               | 6451.66                               | 6459.82                               | -8.16         |
|            |         |           |             | 11/9/2004  | 1044              | 6450.94                               | 6459.63                               | -8.69         |
|            |         |           |             | 12/11/2004 | 1075              | 6450.90                               | 6459.61                               | -8.71         |
|            |         |           |             | 12/21/2004 | 1086              | 6450.99                               | 6459.60                               | -8.61         |
|            |         |           |             | 4/13/2005  | 1198              | 6451.04                               | 6459.69                               | -8.65         |
|            |         |           |             | 11/5/2005  | 1405              | 6450.79                               | 6459.44                               | -8.65         |
|            |         |           |             | 12/2/2005  | 1431              | 6450.74                               | 6459.41                               | -8.67         |
|            |         |           |             | 12/19/2006 | 1814              | 6450.62                               | 6460.22                               | -9.60         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 652     | 483,779 | 1,531,170 | 1           | 11/13/2007 | 2143              | 6450.54                               | 6460.28                               | -9.74         |
|         |         |           |             | 12/5/2008  | 2531              | 6450.49                               | 6455.54                               | -5.05         |
|         |         |           |             | 12/11/2009 | 2901              | 6450.41                               | 6453.84                               | -3.43         |
|         |         |           |             | 12/16/2010 | 3272              | 6450.28                               | 6459.69                               | -9.41         |
|         |         |           |             | 12/8/2011  | 3629              | 6450.24                               | 6455.37                               | -5.13         |
|         |         |           |             | 11/14/2012 | 3971              | 6450.21                               | 6450.35                               | -0.14         |
|         |         |           |             | 12/13/2013 | 4364              | 6450.39                               | 6460.32                               | -9.93         |
|         |         |           |             | 12/3/2015  | 5084              | 6450.77                               | 6460.45                               | -9.68         |
|         |         |           |             | 12/13/2016 | 5460              | 6451.95                               | 6457.00                               | -5.05         |
|         |         |           |             | 12/6/2018  | 6183              | 6454.01                               | 6445.26                               | 8.75          |
|         |         |           |             | 12/19/2019 | 6561              | 6453.73                               | 6448.17                               | 5.56          |
| 653     | 486,570 | 1,533,283 | 1           | 5/26/2010  | 3068              | 6467.17                               | 6472.81                               | -5.64         |
|         |         |           |             | 12/16/2010 | 3272              | 6467.82                               | 6474.72                               | -6.90         |
|         |         |           |             | 10/20/2011 | 3580              | 6470.96                               | 6477.75                               | -6.79         |
|         |         |           |             | 12/8/2011  | 3629              | 6471.19                               | 6478.14                               | -6.95         |
|         |         |           |             | 10/23/2012 | 3949              | 6472.19                               | 6480.73                               | -8.54         |
|         |         |           |             | 11/14/2012 | 3970              | 6472.72                               | 6480.87                               | -8.15         |
|         |         |           |             | 6/18/2013  | 4187              | 6473.22                               | 6482.69                               | -9.47         |
|         |         |           |             | 11/15/2013 | 4337              | 6474.93                               | 6483.82                               | -8.89         |
|         |         |           |             | 12/13/2013 | 4364              | 6475.26                               | 6484.01                               | -8.75         |
|         |         |           |             | 7/19/2014  | 4582              | 6477.62                               | 6484.17                               | -6.55         |
|         |         |           |             | 12/3/2015  | 5084              | 6479.90                               | 6486.98                               | -7.08         |
|         |         |           |             | 8/2/2016   | 5328              | 6481.85                               | 6486.46                               | -4.61         |
|         |         |           |             | 12/13/2016 | 5460              | 6481.07                               | 6486.17                               | -5.10         |
|         |         |           |             | 12/27/2018 | 6204              | 6479.69                               | 6485.22                               | -5.53         |
|         |         |           |             | 4/11/2019  | 6309              | 6480.58                               | 6484.77                               | -4.19         |
|         |         |           |             | 12/19/2019 | 6561              | 6478.17                               | 6483.21                               | -5.04         |
|         |         |           |             | 10/11/2002 | 284               | 6474.04                               | 6476.43                               | -2.39         |
|         |         |           |             | 12/6/2002  | 340               | 6476.41                               | 6476.42                               | -0.01         |
|         |         |           |             | 12/19/2003 | 718               | 6476.87                               | 6477.06                               | -0.19         |
|         |         |           |             | 1/6/2004   | 736               | 6476.89                               | 6478.03                               | -1.14         |
|         |         |           |             | 3/4/2004   | 793               | 6477.22                               | 6477.99                               | -0.77         |
|         |         |           |             | 5/7/2004   | 857               | 6475.99                               | 6477.86                               | -1.87         |
|         |         |           |             | 10/5/2004  | 1008              | 6475.69                               | 6477.56                               | -1.87         |
|         |         |           |             | 12/11/2004 | 1076              | 6475.30                               | 6477.44                               | -2.14         |
|         |         |           |             | 12/22/2004 | 1087              | 6475.30                               | 6477.42                               | -2.12         |
|         |         |           |             | 4/13/2005  | 1198              | 6477.12                               | 6476.10                               | 1.02          |
|         |         |           |             | 11/16/2005 | 1416              | 6475.60                               | 6476.26                               | -0.66         |
|         |         |           |             | 12/3/2005  | 1432              | 6474.89                               | 6476.26                               | -1.37         |
|         |         |           |             | 3/3/2006   | 1522              | 6476.47                               | 6475.41                               | 1.06          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 654        | 478,636 | 1,541,994 | 1           | 10/4/2006  | 1738              | 6473.92                               | 6474.68                               | -0.76         |
|            |         |           |             | 12/21/2006 | 1815              | 6476.07                               | 6474.52                               | 1.55          |
|            |         |           |             | 5/3/2007   | 1948              | 6474.50                               | 6474.20                               | 0.30          |
|            |         |           |             | 10/24/2007 | 2122              | 6474.34                               | 6473.91                               | 0.43          |
|            |         |           |             | 11/13/2007 | 2143              | 6475.14                               | 6473.88                               | 1.26          |
|            |         |           |             | 4/29/2008  | 2310              | 6475.30                               | 6473.87                               | 1.43          |
|            |         |           |             | 6/3/2008   | 2346              | 6475.50                               | 6473.87                               | 1.63          |
|            |         |           |             | 12/9/2008  | 2534              | 6475.84                               | 6473.76                               | 2.08          |
|            |         |           |             | 4/28/2009  | 2675              | 6475.23                               | 6473.64                               | 1.59          |
|            |         |           |             | 6/23/2009  | 2730              | 6474.90                               | 6473.61                               | 1.29          |
|            |         |           |             | 12/11/2009 | 2901              | 6476.32                               | 6473.53                               | 2.79          |
|            |         |           |             | 4/16/2010  | 3027              | 6476.69                               | 6473.85                               | 2.84          |
|            |         |           |             | 5/1/2010   | 3043              | 6476.80                               | 6473.89                               | 2.91          |
|            |         |           |             | 12/15/2010 | 3271              | 6476.65                               | 6474.37                               | 2.28          |
|            |         |           |             | 6/2/2011   | 3440              | 6476.51                               | 6473.94                               | 2.57          |
|            |         |           |             | 12/7/2011  | 3627              | 6476.00                               | 6473.64                               | 2.36          |
|            |         |           |             | 5/10/2012  | 3783              | 6474.52                               | 6473.60                               | 0.92          |
|            |         |           |             | 10/20/2012 | 3945              | 6475.63                               | 6473.55                               | 2.08          |
|            |         |           |             | 11/20/2012 | 3977              | 6477.00                               | 6473.54                               | 3.46          |
|            |         |           |             | 3/7/2013   | 4084              | 6477.70                               | 6474.00                               | 3.70          |
|            |         |           |             | 12/13/2013 | 4365              | 6477.55                               | 6475.11                               | 2.44          |
|            |         |           |             | 6/10/2015  | 4909              | 6478.75                               | 6478.60                               | 0.15          |
|            |         |           |             | 12/13/2016 | 5460              | 6477.65                               | 6478.26                               | -0.61         |
|            |         |           |             | 11/15/2017 | 5797              | 6475.81                               | 6476.19                               | -0.38         |
|            |         |           |             | 1/5/2018   | 5849              | 6477.62                               | 6475.96                               | 1.66          |
|            |         |           |             | 4/4/2018   | 5937              | 6478.65                               | 6475.71                               | 2.94          |
|            |         |           |             | 7/12/2018  | 6036              | 6476.74                               | 6475.55                               | 1.19          |
|            |         |           |             | 11/29/2018 | 6177              | 6477.60                               | 6475.35                               | 2.25          |
|            |         |           |             | 12/27/2018 | 6204              | 6476.09                               | 6475.31                               | 0.78          |
|            |         |           |             | 1/9/2019   | 6217              | 6475.96                               | 6475.21                               | 0.75          |
| 4/3/2019   | 6302    | 6476.83   | 6474.47     | 2.36       |                   |                                       |                                       |               |
| 7/9/2019   | 6399    | 6476.40   | 6473.96     | 2.44       |                   |                                       |                                       |               |
| 10/4/2019  | 6486    | 6476.54   | 6473.57     | 2.97       |                   |                                       |                                       |               |
| 10/16/2019 | 6497    | 6476.50   | 6473.52     | 2.98       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6476.07   | 6473.27     | 2.80       |                   |                                       |                                       |               |
| 656        | 478,333 | 1,542,578 | 1           | 11/17/2005 | 1417              | 6483.07                               | 6476.14                               | 6.93          |
|            |         |           |             | 10/24/2007 | 2122              | 6478.97                               | 6471.03                               | 7.94          |
|            |         |           |             | 5/1/2010   | 3043              | 6479.17                               | 6470.34                               | 8.83          |
|            |         |           |             | 12/13/2016 | 5460              | 6482.07                               | 6474.32                               | 7.75          |
|            |         |           |             | 12/6/2017  | 5818              | 6481.47                               | 6472.76                               | 8.71          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/27/2018 | 6204              | 6466.07                               | 6471.86                               | -5.79         |
| 657        | 478,392 | 1,537,497 | 1           | 5/12/2011  | 3418              | 6449.61                               | 6449.78                               | -0.17         |
|            |         |           |             | 12/6/2011  | 3627              | 6448.58                               | 6449.85                               | -1.27         |
|            |         |           |             | 11/14/2012 | 3971              | 6448.26                               | 6449.27                               | -1.01         |
|            |         |           |             | 5/14/2013  | 4152              | 6450.30                               | 6449.32                               | 0.98          |
|            |         |           |             | 8/9/2013   | 4239              | 6451.91                               | 6449.36                               | 2.55          |
|            |         |           |             | 12/13/2013 | 4365              | 6452.48                               | 6449.48                               | 3.00          |
|            |         |           |             | 12/1/2015  | 5082              | 6456.71                               | 6450.85                               | 5.86          |
|            |         |           |             | 12/13/2016 | 5460              | 6452.61                               | 6451.49                               | 1.12          |
|            |         |           |             | 12/6/2017  | 5818              | 6450.61                               | 6451.35                               | -0.74         |
|            |         |           |             | 5/2/2018   | 5965              | 6450.91                               | 6451.16                               | -0.25         |
|            |         |           |             | 12/27/2018 | 6204              | 6451.76                               | 6450.87                               | 0.89          |
|            |         |           |             | 5/7/2019   | 6335              | 6451.31                               | 6450.71                               | 0.60          |
|            |         |           |             | 12/19/2019 | 6561              | 6452.25                               | 6450.35                               | 1.90          |
|            |         |           |             | 658        | 478,436           | 1,535,922                             | 1                                     | 2/10/2011     |
| 5/12/2011  | 3418    | 6443.23   | 6443.07     |            |                   |                                       |                                       | 0.16          |
| 6/14/2011  | 3452    | 6443.23   | 6443.09     |            |                   |                                       |                                       | 0.14          |
| 12/6/2011  | 3627    | 6442.48   | 6443.08     |            |                   |                                       |                                       | -0.60         |
| 3/14/2012  | 3725    | 6442.50   | 6442.81     |            |                   |                                       |                                       | -0.31         |
| 8/2/2012   | 3867    | 6442.26   | 6442.54     |            |                   |                                       |                                       | -0.28         |
| 11/14/2012 | 3971    | 6441.59   | 6442.36     |            |                   |                                       |                                       | -0.77         |
| 2/7/2013   | 4055    | 6442.30   | 6442.39     |            |                   |                                       |                                       | -0.09         |
| 10/30/2013 | 4320    | 6444.13   | 6442.39     |            |                   |                                       |                                       | 1.74          |
| 12/13/2013 | 4365    | 6444.85   | 6442.42     |            |                   |                                       |                                       | 2.43          |
| 2/26/2014  | 4439    | 6444.78   | 6442.42     |            |                   |                                       |                                       | 2.36          |
| 8/27/2014  | 4622    | 6447.00   | 6442.47     |            |                   |                                       |                                       | 4.53          |
| 2/20/2015  | 4799    | 6446.63   | 6442.70     |            |                   |                                       |                                       | 3.93          |
| 12/1/2015  | 5082    | 6447.58   | 6443.18     |            |                   |                                       |                                       | 4.40          |
| 12/13/2016 | 5460    | 6444.98   | 6443.82     |            |                   |                                       |                                       | 1.16          |
| 2/22/2017  | 5532    | 6443.54   | 6443.89     |            |                   |                                       |                                       | -0.35         |
| 12/6/2017  | 5818    | 6443.38   | 6443.87     |            |                   |                                       |                                       | -0.49         |
| 6/12/2018  | 6007    | 6442.99   | 6443.76     |            |                   |                                       |                                       | -0.77         |
| 12/27/2018 | 6204    | 6442.68   | 6443.65     |            |                   |                                       |                                       | -0.97         |
| 12/19/2019 | 6561    | 6443.26   | 6443.40     |            |                   |                                       |                                       | -0.14         |
|            |         |           |             | 4/16/2010  | 3027              | 6488.68                               | 6490.89                               | -2.21         |
|            |         |           |             | 5/20/2010  | 3062              | 6488.99                               | 6491.06                               | -2.07         |
|            |         |           |             | 6/15/2010  | 3088              | 6486.79                               | 6491.19                               | -4.40         |
|            |         |           |             | 12/15/2010 | 3271              | 6486.67                               | 6491.88                               | -5.21         |
|            |         |           |             | 4/23/2015  | 4860              | 6493.25                               | 6496.78                               | -3.53         |
|            |         |           |             | 5/6/2015   | 4874              | 6493.33                               | 6496.91                               | -3.58         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 659        | 480,772 | 1,541,689 | 1           | 6/17/2015  | 4915              | 6491.19                               | 6497.31                               | -6.12         |
|            |         |           |             | 8/20/2015  | 4980              | 6493.66                               | 6497.75                               | -4.09         |
|            |         |           |             | 9/30/2015  | 5020              | 6494.08                               | 6497.94                               | -3.86         |
|            |         |           |             | 12/1/2015  | 5082              | 6493.53                               | 6498.19                               | -4.66         |
|            |         |           |             | 2/19/2016  | 5163              | 6493.30                               | 6498.40                               | -5.10         |
|            |         |           |             | 3/21/2017  | 5558              | 6488.61                               | 6495.87                               | -7.26         |
|            |         |           |             | 12/6/2017  | 5818              | 6490.87                               | 6493.88                               | -3.01         |
|            |         |           |             | 2/22/2018  | 5897              | 6491.97                               | 6494.16                               | -2.19         |
|            |         |           |             | 12/27/2018 | 6204              | 6493.35                               | 6494.16                               | -0.81         |
|            |         |           |             | 1/29/2019  | 6237              | 6490.76                               | 6494.23                               | -3.47         |
|            |         |           |             | 2/26/2019  | 6265              | 6493.07                               | 6494.08                               | -1.01         |
|            |         |           |             | 3/7/2019   | 6274              | 6492.60                               | 6494.03                               | -1.43         |
|            |         |           |             | 3/26/2019  | 6293              | 6490.75                               | 6493.93                               | -3.18         |
|            |         |           |             | 5/29/2019  | 6357              | 6490.62                               | 6493.62                               | -3.00         |
|            |         |           |             | 6/25/2019  | 6384              | 6491.37                               | 6493.50                               | -2.13         |
|            |         |           |             | 7/30/2019  | 6419              | 6491.27                               | 6493.35                               | -2.08         |
|            |         |           |             | 10/1/2019  | 6482              | 6496.32                               | 6493.08                               | 3.24          |
|            |         |           |             | 10/29/2019 | 6510              | 6491.37                               | 6492.97                               | -1.60         |
| 12/18/2019 | 6560    | 6489.95   | 6492.77     | -2.82      |                   |                                       |                                       |               |
| 680        | 478,746 | 1,543,850 | 1           | 12/1/2015  | 5082              | 6484.48                               | 6480.50                               | 3.98          |
|            |         |           |             | 12/13/2016 | 5460              | 6483.62                               | 6468.57                               | 15.05         |
|            |         |           |             | 12/6/2017  | 5818              | 6483.67                               | 6461.49                               | 22.18         |
|            |         |           |             | 12/6/2018  | 6183              | 6485.95                               | 6457.00                               | 28.95         |
|            |         |           |             | 12/18/2019 | 6560              | 6485.22                               | 6459.92                               | 25.30         |
| 681        | 482,734 | 1,540,676 | 1           | 5/22/2012  | 3795              | 6493.79                               | 6499.76                               | -5.97         |
|            |         |           |             | 3/19/2013  | 4095              | 6495.00                               | 6500.03                               | -5.03         |
|            |         |           |             | 3/27/2015  | 4834              | 6496.58                               | 6503.01                               | -6.43         |
|            |         |           |             | 12/2/2015  | 5083              | 6496.57                               | 6503.88                               | -7.31         |
|            |         |           |             | 12/14/2016 | 5461              | 6495.37                               | 6504.46                               | -9.09         |
|            |         |           |             | 12/6/2017  | 5818              | 6495.15                               | 6503.27                               | -8.12         |
|            |         |           |             | 6/12/2018  | 6007              | 6497.31                               | 6502.93                               | -5.62         |
|            |         |           |             | 12/27/2018 | 6204              | 6497.84                               | 6502.73                               | -4.89         |
| 12/19/2019 | 6561    | 6496.41   | 6501.77     | -5.36      |                   |                                       |                                       |               |
| 682        | 477,489 | 1,543,125 | 1           | 11/17/2005 | 1417              | 6468.35                               | 6471.97                               | -3.62         |
|            |         |           |             | 11/20/2007 | 2150              | 6466.17                               | 6469.13                               | -2.96         |
|            |         |           |             | 6/3/2008   | 2346              | 6467.53                               | 6468.74                               | -1.21         |
|            |         |           |             | 6/23/2009  | 2731              | 6467.37                               | 6468.12                               | -0.75         |
|            |         |           |             | 9/30/2009  | 2829              | 6466.20                               | 6467.99                               | -1.79         |
|            |         |           |             | 10/21/2010 | 3216              | 6471.57                               | 6468.01                               | 3.56          |
|            |         |           |             | 10/12/2002 | 285               | 6467.72                               | 6466.67                               | 1.05          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 683        | 476,217 | 1,540,198 | 1           | 1/7/2004   | 737               | 6468.00                               | 6466.47                               | 1.53          |
|            |         |           |             | 3/4/2004   | 793               | 6468.36                               | 6466.27                               | 2.09          |
|            |         |           |             | 10/5/2004  | 1008              | 6465.64                               | 6465.67                               | -0.03         |
|            |         |           |             | 10/22/2004 | 1025              | 6466.28                               | 6465.63                               | 0.65          |
|            |         |           |             | 12/22/2004 | 1086              | 6466.28                               | 6465.47                               | 0.81          |
|            |         |           |             | 4/13/2005  | 1198              | 6467.44                               | 6465.09                               | 2.35          |
|            |         |           |             | 11/16/2005 | 1415              | 6464.17                               | 6464.46                               | -0.29         |
|            |         |           |             | 10/5/2006  | 1739              | 6461.84                               | 6463.34                               | -1.50         |
|            |         |           |             | 5/3/2007   | 1948              | 6462.17                               | 6462.74                               | -0.57         |
|            |         |           |             | 10/24/2007 | 2123              | 6461.49                               | 6462.31                               | -0.82         |
|            |         |           |             | 4/29/2008  | 2310              | 6462.88                               | 6461.83                               | 1.05          |
|            |         |           |             | 11/20/2008 | 2516              | 6460.28                               | 6461.34                               | -1.06         |
|            |         |           |             | 4/28/2009  | 2675              | 6463.13                               | 6461.05                               | 2.08          |
|            |         |           |             | 9/30/2009  | 2830              | 6462.31                               | 6460.80                               | 1.51          |
|            |         |           |             | 12/15/2009 | 2905              | 6463.51                               | 6460.68                               | 2.83          |
|            |         |           |             | 10/21/2010 | 3216              | 6464.13                               | 6460.75                               | 3.38          |
|            |         |           |             | 6/2/2011   | 3440              | 6464.80                               | 6460.80                               | 4.00          |
|            |         |           |             | 11/3/2011  | 3594              | 6462.94                               | 6460.70                               | 2.24          |
|            |         |           |             | 5/22/2012  | 3795              | 6462.99                               | 6460.50                               | 2.49          |
|            |         |           |             | 10/20/2012 | 3945              | 6463.63                               | 6460.35                               | 3.28          |
| 3/20/2013  | 4096    | 6465.59   | 6460.31     | 5.28       |                   |                                       |                                       |               |
| 3/9/2018   | 5911    | 6466.13   | 6462.52     | 3.61       |                   |                                       |                                       |               |
| 4/17/2019  | 6315    | 6465.73   | 6461.66     | 4.07       |                   |                                       |                                       |               |
| 684        | 478,499 | 1,540,273 | 1           | 10/10/2002 | 283               | 6467.74                               | 6469.09                               | -1.35         |
|            |         |           |             | 1/7/2004   | 737               | 6468.28                               | 6469.02                               | -0.74         |
|            |         |           |             | 10/6/2004  | 1009              | 6466.49                               | 6468.48                               | -1.99         |
|            |         |           |             | 11/16/2005 | 1416              | 6465.22                               | 6467.70                               | -2.48         |
|            |         |           |             | 10/5/2006  | 1739              | 6463.37                               | 6466.92                               | -3.55         |
|            |         |           |             | 5/10/2007  | 1956              | 6463.76                               | 6466.43                               | -2.67         |
|            |         |           |             | 10/3/2007  | 2102              | 6463.17                               | 6466.15                               | -2.98         |
|            |         |           |             | 10/3/2007  | 2102              | 6463.17                               | 6466.15                               | -2.98         |
|            |         |           |             | 10/10/2007 | 2109              | 6463.34                               | 6466.14                               | -2.80         |
|            |         |           |             | 10/13/2007 | 2111              | 6463.38                               | 6466.14                               | -2.76         |
|            |         |           |             | 10/23/2007 | 2121              | 6463.42                               | 6466.12                               | -2.70         |
|            |         |           |             | 10/26/2007 | 2125              | 6463.38                               | 6466.11                               | -2.73         |
|            |         |           |             | 10/31/2007 | 2130              | 6463.25                               | 6466.10                               | -2.85         |
|            |         |           |             | 11/16/2007 | 2146              | 6463.25                               | 6466.07                               | -2.82         |
|            |         |           |             | 12/6/2007  | 2166              | 6463.73                               | 6466.04                               | -2.31         |
|            |         |           |             | 11/25/2008 | 2521              | 6462.14                               | 6465.42                               | -3.28         |
| 10/21/2009 | 2850    | 6463.94   | 6465.04     | -1.10      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 10/14/2010 | 3209              | 6465.41                               | 6465.18                               | 0.23          |
|            |         |           |             | 11/16/2011 | 3606              | 6464.39                               | 6465.34                               | -0.95         |
|            |         |           |             | 10/20/2012 | 3946              | 6465.33                               | 6465.15                               | 0.18          |
|            |         |           |             | 5/2/2018   | 5965              | 6464.26                               | 6467.67                               | -3.41         |
|            |         |           |             | 5/7/2019   | 6336              | 6467.03                               | 6466.81                               | 0.22          |
| 685        | 478,170 | 1,539,098 | 1           | 7/25/2002  | 206               | 6463.19                               | 6462.35                               | 0.84          |
|            |         |           |             | 9/19/2003  | 627               | 6461.91                               | 6461.72                               | 0.19          |
|            |         |           |             | 12/19/2003 | 718               | 6463.54                               | 6461.64                               | 1.90          |
|            |         |           |             | 3/4/2004   | 793               | 6464.39                               | 6461.45                               | 2.94          |
|            |         |           |             | 9/15/2004  | 988               | 6458.98                               | 6460.96                               | -1.98         |
|            |         |           |             | 12/11/2004 | 1075              | 6461.39                               | 6460.76                               | 0.63          |
|            |         |           |             | 12/22/2004 | 1086              | 6461.39                               | 6460.73                               | 0.66          |
|            |         |           |             | 4/13/2005  | 1198              | 6462.97                               | 6460.56                               | 2.41          |
|            |         |           |             | 9/27/2005  | 1366              | 6458.06                               | 6460.23                               | -2.17         |
|            |         |           |             | 12/2/2005  | 1431              | 6459.39                               | 6460.10                               | -0.71         |
|            |         |           |             | 10/11/2006 | 1745              | 6456.11                               | 6459.47                               | -3.36         |
|            |         |           |             | 5/2/2007   | 1948              | 6456.46                               | 6459.11                               | -2.65         |
|            |         |           |             | 10/25/2007 | 2123              | 6455.19                               | 6458.77                               | -3.58         |
|            |         |           |             | 11/13/2007 | 2143              | 6455.11                               | 6458.73                               | -3.62         |
|            |         |           |             | 4/11/2008  | 2293              | 6457.18                               | 6458.32                               | -1.14         |
|            |         |           |             | 11/25/2008 | 2521              | 6453.78                               | 6457.71                               | -3.93         |
|            |         |           |             | 12/5/2008  | 2531              | 6454.70                               | 6457.69                               | -2.99         |
|            |         |           |             | 12/13/2009 | 2903              | 6456.77                               | 6457.12                               | -0.35         |
|            |         |           |             | 12/15/2010 | 3270              | 6458.47                               | 6457.29                               | 1.18          |
|            |         |           |             | 12/6/2011  | 3627              | 6457.57                               | 6457.40                               | 0.17          |
|            |         |           |             | 11/15/2012 | 3971              | 6457.92                               | 6457.03                               | 0.89          |
|            |         |           |             | 12/13/2013 | 4365              | 6461.17                               | 6457.33                               | 3.84          |
| 12/1/2015  | 5082    | 6463.78   | 6459.50     | 4.28       |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6459.79   | 6458.76     | 1.03       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6461.02   | 6457.91     | 3.11       |                   |                                       |                                       |               |
| 686        | 475,438 | 1,545,319 | 1           | 10/4/2002  | 276               | 6471.00                               | 6473.33                               | -2.33         |
|            |         |           |             | 1/7/2004   | 736               | 6469.74                               | 6473.64                               | -3.90         |
|            |         |           |             | 9/16/2004  | 989               | 6468.37                               | 6473.53                               | -5.16         |
|            |         |           |             | 9/28/2005  | 1367              | 6466.57                               | 6472.47                               | -5.90         |
|            |         |           |             | 11/14/2006 | 1779              | 6464.53                               | 6470.98                               | -6.45         |
|            |         |           |             | 9/26/2007  | 2095              | 6463.52                               | 6469.93                               | -6.41         |
|            |         |           |             | 11/18/2008 | 2514              | 6463.18                               | 6468.81                               | -5.63         |
|            |         |           |             | 9/24/2009  | 2823              | 6462.30                               | 6468.16                               | -5.86         |
|            |         |           |             | 9/15/2010  | 3180              | 6463.94                               | 6467.72                               | -3.78         |
|            |         |           |             | 11/3/2011  | 3593              | 6463.06                               | 6467.47                               | -4.41         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 10/18/2012 | 3944              | 6463.39                               | 6467.16                               | -3.77         |
|         |         |           |             | 12/12/2014 | 4729              | 6466.14                               | 6467.84                               | -1.70         |
|         |         |           |             | 12/21/2016 | 5469              | 6465.67                               | 6469.99                               | -4.32         |
|         |         |           |             | 10/7/2017  | 5759              | 6464.90                               | 6469.94                               | -5.04         |
|         |         |           |             | 9/13/2018  | 6099              | 6465.86                               | 6469.41                               | -3.55         |
|         |         |           |             | 10/1/2019  | 6483              | 6464.68                               | 6468.63                               | -3.95         |
| 687     | 477,276 | 1,539,011 | 1           | 7/25/2002  | 206               | 6463.20                               | 6463.74                               | -0.54         |
|         |         |           |             | 5/2/2007   | 1948              | 6456.48                               | 6460.28                               | -3.80         |
|         |         |           |             | 5/29/2007  | 1974              | 6455.72                               | 6460.23                               | -4.51         |
|         |         |           |             | 7/18/2007  | 2025              | 6454.90                               | 6460.13                               | -5.23         |
|         |         |           |             | 8/23/2007  | 2061              | 6454.91                               | 6460.05                               | -5.14         |
|         |         |           |             | 11/13/2007 | 2143              | 6455.04                               | 6459.88                               | -4.84         |
|         |         |           |             | 4/11/2008  | 2293              | 6457.11                               | 6459.47                               | -2.36         |
|         |         |           |             | 12/5/2008  | 2531              | 6454.76                               | 6458.86                               | -4.10         |
|         |         |           |             | 12/13/2009 | 2903              | 6457.13                               | 6458.31                               | -1.18         |
|         |         |           |             | 12/15/2010 | 3271              | 6460.86                               | 6458.50                               | 2.36          |
|         |         |           |             | 12/6/2011  | 3627              | 6457.96                               | 6458.56                               | -0.60         |
|         |         |           |             | 11/15/2012 | 3971              | 6458.39                               | 6458.18                               | 0.21          |
|         |         |           |             | 12/13/2013 | 4365              | 6461.06                               | 6458.54                               | 2.52          |
|         |         |           |             | 12/1/2015  | 5082              | 6463.70                               | 6460.87                               | 2.83          |
|         |         |           |             | 12/6/2017  | 5818              | 6460.71                               | 6460.68                               | 0.03          |
|         |         |           |             | 12/27/2018 | 6204              | 6462.66                               | 6459.91                               | 2.75          |
|         |         |           |             | 12/19/2019 | 6561              | 6487.66                               | 6459.00                               | 28.66         |
|         |         |           |             | 6/11/2002  | 162               | 6498.11                               | 6502.22                               | -4.11         |
|         |         |           |             | 6/5/2003   | 521               | 6497.30                               | 6502.20                               | -4.90         |
|         |         |           |             | 3/4/2004   | 794               | 6497.34                               | 6502.13                               | -4.79         |
|         |         |           |             | 5/21/2004  | 872               | 6496.78                               | 6502.04                               | -5.26         |
|         |         |           |             | 12/21/2004 | 1086              | 6496.89                               | 6501.81                               | -4.92         |
|         |         |           |             | 3/23/2005  | 1178              | 6497.21                               | 6501.61                               | -4.40         |
|         |         |           |             | 8/10/2005  | 1318              | 6495.38                               | 6501.42                               | -6.04         |
|         |         |           |             | 3/3/2006   | 1522              | 6496.32                               | 6501.46                               | -5.14         |
|         |         |           |             | 8/9/2006   | 1682              | 6495.28                               | 6502.07                               | -6.79         |
|         |         |           |             | 3/7/2007   | 1892              | 6496.79                               | 6502.75                               | -5.96         |
|         |         |           |             | 8/21/2007  | 2058              | 6495.72                               | 6503.01                               | -7.29         |
|         |         |           |             | 11/15/2007 | 2145              | 6496.65                               | 6503.11                               | -6.46         |
|         |         |           |             | 12/13/2007 | 2172              | 6497.06                               | 6503.14                               | -6.08         |
|         |         |           |             | 3/12/2008  | 2263              | 6498.33                               | 6503.20                               | -4.87         |
|         |         |           |             | 8/20/2008  | 2423              | 6497.46                               | 6503.26                               | -5.80         |
|         |         |           |             | 12/4/2008  | 2530              | 6497.32                               | 6503.30                               | -5.98         |
|         |         |           |             | 3/6/2009   | 2622              | 6497.88                               | 6503.39                               | -5.51         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 688        | 483,954 | 1,541,257 | 1           | 8/19/2009  | 2787              | 6496.95                               | 6503.59                               | -6.64         |
|            |         |           |             | 12/15/2009 | 2905              | 6498.78                               | 6503.72                               | -4.94         |
|            |         |           |             | 12/15/2009 | 2906              | 6498.80                               | 6503.72                               | -4.92         |
|            |         |           |             | 3/10/2010  | 2990              | 6499.45                               | 6503.96                               | -4.51         |
|            |         |           |             | 8/19/2010  | 3152              | 6499.98                               | 6504.47                               | -4.49         |
|            |         |           |             | 12/16/2010 | 3271              | 6500.51                               | 6504.80                               | -4.29         |
|            |         |           |             | 3/16/2011  | 3362              | 6500.63                               | 6504.87                               | -4.24         |
|            |         |           |             | 8/11/2011  | 3510              | 6499.43                               | 6504.82                               | -5.39         |
|            |         |           |             | 12/7/2011  | 3627              | 6499.32                               | 6504.78                               | -5.46         |
|            |         |           |             | 3/15/2012  | 3726              | 6500.18                               | 6504.81                               | -4.63         |
|            |         |           |             | 8/28/2012  | 3893              | 6500.38                               | 6504.95                               | -4.57         |
|            |         |           |             | 11/16/2012 | 3973              | 6500.07                               | 6505.02                               | -4.95         |
|            |         |           |             | 3/5/2013   | 4081              | 6501.84                               | 6505.37                               | -3.53         |
|            |         |           |             | 10/30/2013 | 4321              | 6502.89                               | 6507.00                               | -4.11         |
|            |         |           |             | 12/13/2013 | 4365              | 6503.33                               | 6507.30                               | -3.97         |
|            |         |           |             | 3/20/2014  | 4462              | 6502.98                               | 6507.68                               | -4.70         |
|            |         |           |             | 3/13/2015  | 4820              | 6500.66                               | 6508.48                               | -7.82         |
|            |         |           |             | 12/1/2015  | 5082              | 6502.17                               | 6508.68                               | -6.51         |
|            |         |           |             | 3/17/2016  | 5189              | 6501.70                               | 6508.81                               | -7.11         |
|            |         |           |             | 12/14/2016 | 5461              | 6501.16                               | 6509.02                               | -7.86         |
|            |         |           |             | 3/28/2017  | 5566              | 6500.85                               | 6508.85                               | -8.00         |
|            |         |           |             | 8/10/2017  | 5700              | 6500.72                               | 6508.36                               | -7.64         |
|            |         |           |             | 12/6/2017  | 5818              | 6500.47                               | 6507.90                               | -7.43         |
|            |         |           |             | 8/3/2018   | 6058              | 6503.39                               | 6507.42                               | -4.03         |
| 12/4/2018  | 6181    | 6503.94   | 6507.23     | -3.29      |                   |                                       |                                       |               |
| 8/22/2019  | 6442    | 6502.93   | 6506.37     | -3.44      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6502.32   | 6505.89     | -3.57      |                   |                                       |                                       |               |
| 689        | 478,478 | 1,530,024 | 1           | 7/24/2002  | 205               | 6473.18                               | 6442.12                               | 31.06         |
|            |         |           |             | 1/8/2004   | 737               | 6466.08                               | 6440.87                               | 25.21         |
|            |         |           |             | 7/28/2004  | 940               | 6465.91                               | 6440.09                               | 25.82         |
|            |         |           |             | 7/7/2005   | 1283              | 6460.30                               | 6436.37                               | 23.93         |
|            |         |           |             | 11/20/2007 | 2150              | 6456.04                               | 6431.79                               | 24.25         |
|            |         |           |             | 11/25/2008 | 2520              | 6455.77                               | 6427.47                               | 28.30         |
|            |         |           |             | 12/6/2002  | 339               | 6542.73                               | 6544.48                               | -1.75         |
|            |         |           |             | 12/19/2003 | 718               | 6545.93                               | 6544.40                               | 1.53          |
|            |         |           |             | 1/13/2004  | 743               | 6545.95                               | 6544.40                               | 1.55          |
|            |         |           |             | 12/15/2004 | 1079              | 6545.22                               | 6544.16                               | 1.06          |
|            |         |           |             | 2/22/2005  | 1148              | 6545.05                               | 6544.15                               | 0.90          |
|            |         |           |             | 12/2/2005  | 1431              | 6545.64                               | 6544.36                               | 1.28          |
|            |         |           |             | 11/22/2006 | 1787              | 6544.29                               | 6544.51                               | -0.22         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 690        | 493,465 | 1,540,279 | 1           | 2/28/2007  | 1884              | 6543.70                               | 6544.56                               | -0.86         |
|            |         |           |             | 11/14/2007 | 2144              | 6542.35                               | 6544.66                               | -2.31         |
|            |         |           |             | 5/28/2008  | 2339              | 6542.70                               | 6544.63                               | -1.93         |
|            |         |           |             | 12/5/2008  | 2530              | 6542.31                               | 6544.57                               | -2.26         |
|            |         |           |             | 7/21/2009  | 2758              | 6542.02                               | 6544.48                               | -2.46         |
|            |         |           |             | 12/15/2009 | 2906              | 6541.41                               | 6544.42                               | -3.01         |
|            |         |           |             | 9/25/2010  | 3190              | 6541.63                               | 6544.45                               | -2.82         |
|            |         |           |             | 12/16/2010 | 3271              | 6542.36                               | 6544.45                               | -2.09         |
|            |         |           |             | 2/15/2011  | 3332              | 6542.48                               | 6544.47                               | -1.99         |
|            |         |           |             | 12/7/2011  | 3628              | 6543.71                               | 6544.76                               | -1.05         |
|            |         |           |             | 5/23/2012  | 3795              | 6544.26                               | 6544.87                               | -0.61         |
|            |         |           |             | 11/14/2012 | 3970              | 6544.09                               | 6544.94                               | -0.85         |
|            |         |           |             | 2/20/2013  | 4069              | 6544.29                               | 6544.93                               | -0.64         |
|            |         |           |             | 12/12/2013 | 4364              | 6544.10                               | 6544.69                               | -0.59         |
|            |         |           |             | 12/2/2015  | 5083              | 6545.08                               | 6544.53                               | 0.55          |
|            |         |           |             | 12/13/2016 | 5460              | 6542.94                               | 6545.21                               | -2.27         |
|            |         |           |             | 4/26/2017  | 5594              | 6542.08                               | 6545.18                               | -3.10         |
|            |         |           |             | 12/6/2017  | 5818              | 6540.73                               | 6544.56                               | -3.83         |
|            |         |           |             | 2/8/2018   | 5883              | 6539.25                               | 6544.36                               | -5.11         |
|            |         |           |             | 12/27/2018 | 6204              | 6541.76                               | 6543.58                               | -1.82         |
| 2/13/2019  | 6252    | 6541.34   | 6543.48     | -2.14      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6540.58   | 6542.71     | -2.13      |                   |                                       |                                       |               |
| 691        | 493,860 | 1,540,276 | 1           | 12/19/2003 | 718               | 6542.73                               | 6542.25                               | 0.48          |
|            |         |           |             | 1/13/2004  | 743               | 6542.90                               | 6542.24                               | 0.66          |
|            |         |           |             | 12/15/2004 | 1079              | 6543.63                               | 6542.14                               | 1.49          |
|            |         |           |             | 2/22/2005  | 1148              | 6543.70                               | 6542.13                               | 1.57          |
|            |         |           |             | 12/2/2005  | 1431              | 6544.04                               | 6542.38                               | 1.66          |
|            |         |           |             | 11/22/2006 | 1787              | 6543.72                               | 6542.83                               | 0.89          |
|            |         |           |             | 2/28/2007  | 1884              | 6543.43                               | 6542.93                               | 0.50          |
|            |         |           |             | 11/14/2007 | 2144              | 6542.37                               | 6543.13                               | -0.76         |
|            |         |           |             | 5/28/2008  | 2339              | 6542.33                               | 6543.21                               | -0.88         |
|            |         |           |             | 12/5/2008  | 2530              | 6542.24                               | 6543.24                               | -1.00         |
|            |         |           |             | 7/21/2009  | 2758              | 6542.00                               | 6543.26                               | -1.26         |
|            |         |           |             | 12/15/2009 | 2906              | 6541.74                               | 6543.25                               | -1.51         |
|            |         |           |             | 9/25/2010  | 3190              | 6541.55                               | 6543.29                               | -1.74         |
|            |         |           |             | 12/16/2010 | 3271              | 6541.93                               | 6543.30                               | -1.37         |
|            |         |           |             | 2/15/2011  | 3332              | 6542.03                               | 6543.30                               | -1.27         |
|            |         |           |             | 12/7/2011  | 3628              | 6543.02                               | 6543.45                               | -0.43         |
|            |         |           |             | 5/23/2012  | 3795              | 6543.51                               | 6543.56                               | -0.05         |
| 11/14/2012 | 3970    | 6543.56   | 6543.65     | -0.09      |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 2/20/2013  | 4069              | 6543.64                               | 6543.69                               | -0.05         |
|           |         |           |             | 12/12/2013 | 4364              | 6543.55                               | 6543.71                               | -0.16         |
|           |         |           |             | 12/2/2015  | 5083              | 6544.56                               | 6543.60                               | 0.96          |
|           |         |           |             | 12/13/2016 | 5460              | 6543.48                               | 6543.93                               | -0.45         |
|           |         |           |             | 4/26/2017  | 5594              | 6542.96                               | 6544.04                               | -1.08         |
|           |         |           |             | 12/6/2017  | 5818              | 6541.77                               | 6543.85                               | -2.08         |
|           |         |           |             | 2/8/2018   | 5883              | 6529.81                               | 6543.75                               | -13.94        |
|           |         |           |             | 12/27/2018 | 6204              | 6543.31                               | 6543.20                               | 0.11          |
|           |         |           |             | 2/13/2019  | 6252              | 6543.26                               | 6543.12                               | 0.14          |
|           |         |           |             | 12/19/2019 | 6561              | 6542.47                               | 6542.51                               | -0.04         |
| 692       | 493,175 | 1,535,892 | 1           | 7/24/2002  | 205               | 6515.96                               | 6523.72                               | -7.76         |
|           |         |           |             | 1/8/2004   | 737               | 6516.59                               | 6523.86                               | -7.27         |
|           |         |           |             | 7/29/2004  | 940               | 6516.75                               | 6524.07                               | -7.32         |
|           |         |           |             | 7/7/2005   | 1284              | 6516.71                               | 6524.64                               | -7.93         |
|           |         |           |             | 11/1/2007  | 2130              | 6515.46                               | 6525.46                               | -10.00        |
|           |         |           |             | 11/22/2008 | 2518              | 6515.18                               | 6525.39                               | -10.21        |
|           |         |           |             | 7/16/2009  | 2754              | 6515.32                               | 6525.38                               | -10.06        |
|           |         |           |             | 9/25/2010  | 3190              | 6515.75                               | 6525.75                               | -10.00        |
|           |         |           |             | 7/19/2011  | 3486              | 6516.18                               | 6526.12                               | -9.94         |
|           |         |           |             | 7/1/2015   | 4929              | 6518.14                               | 6528.16                               | -10.02        |
| 7/26/2018 | 6050    | 6521.40   | 6529.05     | -7.65      |                   |                                       |                                       |               |
| 804       | 486,790 | 1,540,790 | 1           | 5/8/2002   | 127               | 6515.40                               | 6514.53                               | 0.87          |
|           |         |           |             | 11/29/2006 | 1793              | 6515.00                               | 6515.32                               | -0.32         |
|           |         |           |             | 2/27/2007  | 1884              | 6514.60                               | 6515.45                               | -0.85         |
|           |         |           |             | 4/29/2008  | 2310              | 6515.00                               | 6515.22                               | -0.22         |
|           |         |           |             | 2/25/2009  | 2613              | 6515.80                               | 6515.08                               | 0.72          |
|           |         |           |             | 2/24/2010  | 2976              | 6516.83                               | 6515.25                               | 1.58          |
|           |         |           |             | 3/1/2011   | 3347              | 6518.18                               | 6515.93                               | 2.25          |
|           |         |           |             | 5/24/2012  | 3796              | 6519.30                               | 6517.00                               | 2.30          |
|           |         |           |             | 2/20/2013  | 4068              | 6519.80                               | 6517.62                               | 2.18          |
|           |         |           |             | 7/18/2002  | 199               | 6520.65                               | 6513.53                               | 7.12          |
|           |         |           |             | 7/16/2003  | 562               | 6520.39                               | 6513.54                               | 6.85          |
|           |         |           |             | 3/4/2004   | 794               | 6519.65                               | 6513.56                               | 6.09          |
|           |         |           |             | 7/8/2004   | 920               | 6520.36                               | 6513.63                               | 6.73          |
|           |         |           |             | 12/21/2004 | 1085              | 6520.33                               | 6513.79                               | 6.54          |
|           |         |           |             | 3/23/2005  | 1177              | 6519.47                               | 6513.88                               | 5.59          |
|           |         |           |             | 8/10/2005  | 1317              | 6521.33                               | 6514.02                               | 7.31          |
|           |         |           |             | 3/15/2006  | 1535              | 6519.42                               | 6514.21                               | 5.21          |
|           |         |           |             | 2/27/2007  | 1883              | 6521.10                               | 6514.49                               | 6.61          |
|           |         |           |             | 3/9/2007   | 1894              | 6521.00                               | 6514.50                               | 6.50          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 844        | 487,002 | 1,538,376 | 1           | 12/13/2007 | 2172              | 6520.24                               | 6514.69                               | 5.55          |
|            |         |           |             | 3/27/2008  | 2278              | 6519.73                               | 6514.73                               | 5.00          |
|            |         |           |             | 8/14/2008  | 2418              | 6519.65                               | 6514.74                               | 4.91          |
|            |         |           |             | 3/19/2009  | 2635              | 6517.51                               | 6514.73                               | 2.78          |
|            |         |           |             | 8/18/2009  | 2786              | 6518.42                               | 6514.72                               | 3.70          |
|            |         |           |             | 12/13/2009 | 2903              | 6518.29                               | 6514.72                               | 3.57          |
|            |         |           |             | 3/9/2010   | 2990              | 6517.60                               | 6514.74                               | 2.86          |
|            |         |           |             | 8/19/2010  | 3153              | 6517.19                               | 6514.82                               | 2.37          |
|            |         |           |             | 9/14/2010  | 3178              | 6517.23                               | 6514.84                               | 2.39          |
|            |         |           |             | 11/16/2010 | 3242              | 6518.63                               | 6514.88                               | 3.75          |
|            |         |           |             | 12/16/2010 | 3271              | 6518.95                               | 6514.90                               | 4.05          |
|            |         |           |             | 2/19/2011  | 3337              | 6518.82                               | 6514.94                               | 3.88          |
|            |         |           |             | 6/2/2011   | 3439              | 6518.35                               | 6515.03                               | 3.32          |
|            |         |           |             | 8/9/2011   | 3508              | 6518.23                               | 6515.11                               | 3.12          |
|            |         |           |             | 12/7/2011  | 3627              | 6518.17                               | 6515.26                               | 2.91          |
|            |         |           |             | 3/7/2012   | 3718              | 6518.18                               | 6515.38                               | 2.80          |
|            |         |           |             | 7/28/2012  | 3862              | 6518.18                               | 6515.59                               | 2.59          |
|            |         |           |             | 11/16/2012 | 3972              | 6519.27                               | 6515.76                               | 3.51          |
|            |         |           |             | 11/28/2012 | 3985              | 6519.27                               | 6515.77                               | 3.50          |
|            |         |           |             | 2/6/2013   | 4054              | 6518.93                               | 6515.88                               | 3.05          |
|            |         |           |             | 8/16/2013  | 4245              | 6518.63                               | 6516.19                               | 2.44          |
|            |         |           |             | 12/13/2013 | 4364              | 6518.70                               | 6516.45                               | 2.25          |
|            |         |           |             | 2/26/2014  | 4439              | 6518.73                               | 6516.60                               | 2.13          |
|            |         |           |             | 9/4/2014   | 4629              | 6518.53                               | 6516.99                               | 1.54          |
|            |         |           |             | 2/26/2015  | 4804              | 6518.65                               | 6517.39                               | 1.26          |
|            |         |           |             | 12/1/2015  | 5082              | 6518.61                               | 6518.06                               | 0.55          |
|            |         |           |             | 2/20/2016  | 5163              | 6519.89                               | 6518.24                               | 1.65          |
|            |         |           |             | 12/14/2016 | 5461              | 6519.09                               | 6518.78                               | 0.31          |
|            |         |           |             | 3/28/2017  | 5565              | 6518.97                               | 6518.91                               | 0.06          |
|            |         |           |             | 12/6/2017  | 5818              | 6518.53                               | 6518.96                               | -0.43         |
| 2/7/2018   | 5881    | 6514.57   | 6518.94     | -4.37      |                   |                                       |                                       |               |
| 12/4/2018  | 6181    | 6518.81   | 6518.67     | 0.14       |                   |                                       |                                       |               |
| 2/5/2019   | 6244    | 6518.69   | 6518.61     | 0.08       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6517.88   | 6518.11     | -0.23      |                   |                                       |                                       |               |
|            |         |           |             | 7/25/2002  | 206               | 6520.45                               | 6518.54                               | 1.91          |
|            |         |           |             | 1/14/2004  | 744               | 6520.65                               | 6518.55                               | 2.10          |
|            |         |           |             | 3/4/2004   | 794               | 6520.67                               | 6518.60                               | 2.07          |
|            |         |           |             | 8/18/2004  | 961               | 6520.69                               | 6518.86                               | 1.83          |
|            |         |           |             | 12/21/2004 | 1086              | 6520.84                               | 6519.13                               | 1.71          |
|            |         |           |             | 4/13/2005  | 1198              | 6520.77                               | 6519.35                               | 1.42          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 845        | 487,833 | 1,537,280 | 1           | 7/7/2005   | 1284              | 6520.33                               | 6519.48                               | 0.85          |
|            |         |           |             | 11/23/2006 | 1788              | 6519.47                               | 6519.95                               | -0.48         |
|            |         |           |             | 5/1/2007   | 1947              | 6519.76                               | 6520.06                               | -0.30         |
|            |         |           |             | 8/31/2007  | 2069              | 6519.31                               | 6520.11                               | -0.80         |
|            |         |           |             | 4/29/2008  | 2310              | 6519.31                               | 6520.15                               | -0.84         |
|            |         |           |             | 12/2/2008  | 2528              | 6518.81                               | 6520.11                               | -1.30         |
|            |         |           |             | 4/28/2009  | 2675              | 6519.30                               | 6520.08                               | -0.78         |
|            |         |           |             | 10/8/2009  | 2838              | 6518.83                               | 6520.10                               | -1.27         |
|            |         |           |             | 12/13/2009 | 2903              | 6518.63                               | 6520.11                               | -1.48         |
|            |         |           |             | 9/14/2010  | 3178              | 6519.15                               | 6520.26                               | -1.11         |
|            |         |           |             | 9/24/2010  | 3189              | 6519.11                               | 6520.27                               | -1.16         |
|            |         |           |             | 11/16/2010 | 3242              | 6519.15                               | 6520.31                               | -1.16         |
|            |         |           |             | 12/16/2010 | 3271              | 6519.30                               | 6520.33                               | -1.03         |
|            |         |           |             | 2/8/2011   | 3325              | 6519.65                               | 6520.38                               | -0.73         |
|            |         |           |             | 6/2/2011   | 3439              | 6520.16                               | 6520.51                               | -0.35         |
|            |         |           |             | 7/19/2011  | 3487              | 6520.35                               | 6520.58                               | -0.23         |
|            |         |           |             | 12/7/2011  | 3627              | 6520.50                               | 6520.79                               | -0.29         |
|            |         |           |             | 3/7/2012   | 3718              | 6520.79                               | 6520.93                               | -0.14         |
|            |         |           |             | 7/28/2012  | 3862              | 6520.85                               | 6521.15                               | -0.30         |
|            |         |           |             | 11/16/2012 | 3972              | 6520.72                               | 6521.32                               | -0.60         |
|            |         |           |             | 11/28/2012 | 3985              | 6520.73                               | 6521.34                               | -0.61         |
|            |         |           |             | 2/6/2013   | 4054              | 6520.95                               | 6521.45                               | -0.50         |
|            |         |           |             | 12/13/2013 | 4364              | 6521.23                               | 6521.93                               | -0.70         |
|            |         |           |             | 2/26/2014  | 4439              | 6521.20                               | 6522.03                               | -0.83         |
|            |         |           |             | 9/4/2014   | 4629              | 6520.87                               | 6522.29                               | -1.42         |
|            |         |           |             | 2/26/2015  | 4804              | 6521.24                               | 6522.58                               | -1.34         |
|            |         |           |             | 12/1/2015  | 5082              | 6521.55                               | 6523.22                               | -1.67         |
|            |         |           |             | 2/20/2016  | 5164              | 6521.86                               | 6523.41                               | -1.55         |
|            |         |           |             | 12/14/2016 | 5461              | 6522.39                               | 6523.88                               | -1.49         |
|            |         |           |             | 3/28/2017  | 5565              | 6521.90                               | 6523.98                               | -2.08         |
|            |         |           |             | 12/6/2017  | 5818              | 6521.10                               | 6523.97                               | -2.87         |
|            |         |           |             | 1/12/2018  | 5855              | 6522.69                               | 6523.95                               | -1.26         |
|            |         |           |             | 1/30/2018  | 5874              | 6520.58                               | 6523.95                               | -3.37         |
| 2/7/2018   | 5881    | 6517.43   | 6523.94     | -6.51      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6521.05   | 6523.69     | -2.64      |                   |                                       |                                       |               |
| 1/8/2019   | 6217    | 6521.10   | 6523.68     | -2.58      |                   |                                       |                                       |               |
| 2/13/2019  | 6252    | 6520.94   | 6523.65     | -2.71      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6520.25   | 6523.14     | -2.89      |                   |                                       |                                       |               |
| 7/18/2002  |         |           |             | 199        | 6504.11           | 6495.50                               | 8.61                                  |               |
| 7/15/2003  |         |           |             | 561        | 6503.85           | 6495.48                               | 8.37                                  |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 846        | 484,730 | 1,537,219 | 1           | 3/4/2004   | 794               | 6503.72                               | 6495.47                               | 8.25          |
|            |         |           |             | 7/8/2004   | 920               | 6503.61                               | 6495.47                               | 8.14          |
|            |         |           |             | 12/21/2004 | 1086              | 6503.54                               | 6495.49                               | 8.05          |
|            |         |           |             | 3/24/2005  | 1178              | 6503.47                               | 6495.49                               | 7.98          |
|            |         |           |             | 3/15/2006  | 1535              | 6503.09                               | 6495.51                               | 7.58          |
|            |         |           |             | 8/9/2006   | 1682              | 6503.01                               | 6495.49                               | 7.52          |
|            |         |           |             | 8/21/2007  | 2059              | 6502.71                               | 6495.69                               | 7.02          |
|            |         |           |             | 11/15/2007 | 2145              | 6502.71                               | 6495.79                               | 6.92          |
|            |         |           |             | 12/13/2007 | 2172              | 6502.63                               | 6495.82                               | 6.81          |
|            |         |           |             | 3/27/2008  | 2278              | 6502.62                               | 6495.89                               | 6.73          |
|            |         |           |             | 8/14/2008  | 2418              | 6502.55                               | 6495.96                               | 6.59          |
|            |         |           |             | 12/4/2008  | 2530              | 6502.54                               | 6496.02                               | 6.52          |
|            |         |           |             | 3/19/2009  | 2635              | 6501.82                               | 6496.09                               | 5.73          |
|            |         |           |             | 8/18/2009  | 2787              | 6502.53                               | 6496.21                               | 6.32          |
|            |         |           |             | 12/13/2009 | 2903              | 6502.54                               | 6496.30                               | 6.24          |
|            |         |           |             | 3/10/2010  | 2990              | 6502.64                               | 6496.43                               | 6.21          |
|            |         |           |             | 8/19/2010  | 3152              | 6502.65                               | 6496.71                               | 5.94          |
|            |         |           |             | 12/16/2010 | 3271              | 6502.73                               | 6496.94                               | 5.79          |
|            |         |           |             | 3/16/2011  | 3362              | 6502.82                               | 6497.07                               | 5.75          |
|            |         |           |             | 9/10/2011  | 3540              | 6502.98                               | 6497.29                               | 5.69          |
|            |         |           |             | 11/8/2011  | 3598              | 6503.02                               | 6497.36                               | 5.66          |
|            |         |           |             | 12/7/2011  | 3627              | 6502.96                               | 6497.40                               | 5.56          |
|            |         |           |             | 3/15/2012  | 3727              | 6503.04                               | 6497.54                               | 5.50          |
|            |         |           |             | 8/28/2012  | 3893              | 6503.10                               | 6497.79                               | 5.31          |
|            |         |           |             | 11/16/2012 | 3972              | 6503.10                               | 6497.90                               | 5.20          |
|            |         |           |             | 2/20/2013  | 4068              | 6503.12                               | 6498.07                               | 5.05          |
|            |         |           |             | 10/30/2013 | 4321              | 6503.32                               | 6498.73                               | 4.59          |
|            |         |           |             | 12/13/2013 | 4364              | 6503.28                               | 6498.86                               | 4.42          |
|            |         |           |             | 2/26/2014  | 4439              | 6503.37                               | 6499.02                               | 4.35          |
|            |         |           |             | 9/4/2014   | 4629              | 6503.58                               | 6499.39                               | 4.19          |
|            |         |           |             | 3/18/2015  | 4824              | 6503.67                               | 6499.87                               | 3.80          |
|            |         |           |             | 7/1/2015   | 4929              | 6503.87                               | 6500.15                               | 3.72          |
| 8/20/2015  | 4980    | 6504.94   | 6500.31     | 4.63       |                   |                                       |                                       |               |
| 12/1/2015  | 5082    | 6504.04   | 6500.68     | 3.36       |                   |                                       |                                       |               |
| 2/12/2016  | 5155    | 6505.07   | 6500.92     | 4.15       |                   |                                       |                                       |               |
| 12/14/2016 | 5461    | 6504.28   | 6501.84     | 2.44       |                   |                                       |                                       |               |
| 3/28/2017  | 5565    | 6504.33   | 6502.08     | 2.25       |                   |                                       |                                       |               |
| 8/10/2017  | 5701    | 6504.32   | 6502.31     | 2.01       |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6504.28   | 6502.48     | 1.80       |                   |                                       |                                       |               |
| 2/7/2018   | 5881    | 6504.47   | 6502.57     | 1.90       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 8/3/2018   | 6058              | 6504.87                               | 6502.82                               | 2.05          |
|            |         |           |             | 12/4/2018  | 6181              | 6505.10                               | 6502.96                               | 2.14          |
|            |         |           |             | 2/13/2019  | 6252              | 6505.02                               | 6503.02                               | 2.00          |
|            |         |           |             | 12/19/2019 | 6561              | 6508.92                               | 6503.00                               | 5.92          |
|            |         |           |             | 12/19/2019 | 6561              | 6504.92                               | 6503.00                               | 1.92          |
| 850        | 486,044 | 1,534,652 | 1           | 12/13/2002 | 346               | 6489.97                               | 6461.39                               | 28.58         |
|            |         |           |             | 12/15/2004 | 1080              | 6489.22                               | 6460.89                               | 28.33         |
|            |         |           |             | 12/2/2005  | 1431              | 6490.14                               | 6460.86                               | 29.28         |
|            |         |           |             | 11/14/2007 | 2144              | 6490.25                               | 6463.21                               | 27.04         |
|            |         |           |             | 12/5/2008  | 2531              | 6490.25                               | 6461.77                               | 28.48         |
|            |         |           |             | 12/11/2009 | 2901              | 6490.24                               | 6462.32                               | 27.92         |
|            |         |           |             | 12/16/2010 | 3272              | 6490.25                               | 6466.90                               | 23.35         |
|            |         |           |             | 12/7/2011  | 3628              | 6490.16                               | 6481.77                               | 8.39          |
|            |         |           |             | 11/13/2012 | 3969              | 6495.80                               | 6483.71                               | 12.09         |
|            |         |           |             | 12/12/2013 | 4363              | 6493.96                               | 6487.11                               | 6.85          |
|            |         |           |             | 12/2/2015  | 5083              | 6490.19                               | 6490.94                               | -0.75         |
|            |         |           |             | 12/14/2016 | 5461              | 6494.16                               | 6492.22                               | 1.94          |
|            |         |           |             | 12/6/2017  | 5818              | 6493.33                               | 6492.16                               | 1.17          |
|            |         |           |             | 12/27/2018 | 6204              | 6495.25                               | 6492.40                               | 2.85          |
| 12/18/2019 | 6560    | 6495.13   | 6492.57     | 2.56       |                   |                                       |                                       |               |
| 851        | 483,909 | 1,534,692 | 1           | 8/20/2002  | 231               | 6467.49                               | 6458.16                               | 9.33          |
|            |         |           |             | 8/26/2003  | 602               | 6465.18                               | 6457.35                               | 7.83          |
|            |         |           |             | 8/20/2004  | 963               | 6463.16                               | 6458.15                               | 5.01          |
|            |         |           |             | 8/11/2005  | 1318              | 6461.26                               | 6458.30                               | 2.96          |
|            |         |           |             | 11/23/2006 | 1788              | 6459.33                               | 6459.37                               | -0.04         |
|            |         |           |             | 9/27/2007  | 2095              | 6458.23                               | 6459.94                               | -1.71         |
|            |         |           |             | 12/2/2008  | 2527              | 6454.01                               | 6458.39                               | -4.38         |
|            |         |           |             | 12/2/2015  | 5083              | 6456.54                               | 6471.39                               | -14.85        |
|            |         |           |             | 12/14/2016 | 5461              | 6456.93                               | 6468.78                               | -11.85        |
|            |         |           |             | 12/6/2017  | 5818              | 6458.43                               | 6467.22                               | -8.79         |
|            |         |           |             | 12/6/2018  | 6183              | 6462.95                               | 6466.43                               | -3.48         |
| 12/19/2019 | 6561    | 6463.76   | 6468.03     | -4.27      |                   |                                       |                                       |               |
| 852        | 493,989 | 1,535,610 | 1           | 7/1/2015   | 4929              | 6517.46                               | 6525.26                               | -7.80         |
|            |         |           |             | 12/2/2015  | 5083              | 6517.74                               | 6525.48                               | -7.74         |
|            |         |           |             | 12/13/2016 | 5460              | 6518.66                               | 6525.89                               | -7.23         |
|            |         |           |             | 12/6/2017  | 5818              | 6518.88                               | 6526.26                               | -7.38         |
|            |         |           |             | 12/6/2018  | 6183              | 6529.72                               | 6526.46                               | 3.26          |
|            |         |           |             | 12/19/2019 | 6561              | 6520.49                               | 6526.51                               | -6.02         |
|            |         |           |             | 6/26/2002  | 177               | 6464.58                               | 6445.90                               | 18.68         |
|            |         |           |             | 12/13/2002 | 346               | 6463.27                               | 6445.91                               | 17.36         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 853        | 484,824 | 1,532,124 | 1           | 7/18/2003  | 563               | 6460.66                               | 6445.79                               | 14.87         |
|            |         |           |             | 12/24/2003 | 723               | 6459.00                               | 6445.62                               | 13.38         |
|            |         |           |             | 5/28/2004  | 878               | 6458.39                               | 6445.59                               | 12.80         |
|            |         |           |             | 12/15/2004 | 1080              | 6457.60                               | 6445.95                               | 11.65         |
|            |         |           |             | 12/2/2005  | 1431              | 6457.22                               | 6447.81                               | 9.41          |
|            |         |           |             | 12/15/2005 | 1444              | 6457.28                               | 6447.90                               | 9.38          |
|            |         |           |             | 11/15/2006 | 1780              | 6457.08                               | 6449.81                               | 7.27          |
|            |         |           |             | 11/14/2007 | 2144              | 6456.77                               | 6451.16                               | 5.61          |
|            |         |           |             | 11/20/2007 | 2150              | 6456.80                               | 6451.19                               | 5.61          |
|            |         |           |             | 6/24/2008  | 2367              | 6456.78                               | 6451.92                               | 4.86          |
|            |         |           |             | 12/5/2008  | 2531              | 6456.68                               | 6452.36                               | 4.32          |
|            |         |           |             | 10/14/2009 | 2844              | 6456.64                               | 6453.18                               | 3.46          |
|            |         |           |             | 12/11/2009 | 2901              | 6456.69                               | 6453.35                               | 3.34          |
|            |         |           |             | 12/16/2010 | 3272              | 6456.94                               | 6455.37                               | 1.57          |
|            |         |           |             | 12/7/2011  | 3627              | 6459.51                               | 6458.72                               | 0.79          |
|            |         |           |             | 11/14/2012 | 3971              | 6462.32                               | 6461.99                               | 0.33          |
|            |         |           |             | 11/14/2012 | 3971              | 6462.25                               | 6461.99                               | 0.26          |
|            |         |           |             | 12/12/2013 | 4363              | 6463.93                               | 6465.38                               | -1.45         |
|            |         |           |             | 6/19/2014  | 4553              | 6465.95                               | 6466.44                               | -0.49         |
|            |         |           |             | 7/2/2015   | 4930              | 6467.05                               | 6467.94                               | -0.89         |
|            |         |           |             | 12/2/2015  | 5083              | 6467.37                               | 6468.59                               | -1.22         |
|            |         |           |             | 12/13/2016 | 5460              | 6469.00                               | 6469.56                               | -0.56         |
|            |         |           |             | 7/7/2017   | 5666              | 6469.98                               | 6469.62                               | 0.36          |
|            |         |           |             | 12/6/2017  | 5818              | 6469.46                               | 6469.53                               | -0.07         |
| 6/13/2018  | 6007    | 6469.93   | 6469.29     | 0.64       |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6469.58   | 6469.08     | 0.50       |                   |                                       |                                       |               |
| 10/2/2019  | 6484    | 6468.37   | 6468.83     | -0.46      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6468.10   | 6468.71     | -0.61      |                   |                                       |                                       |               |
|            |         |           |             | 7/25/2002  | 205               | 6453.18                               | 6445.66                               | 7.52          |
|            |         |           |             | 8/20/2002  | 231               | 6452.63                               | 6445.66                               | 6.97          |
|            |         |           |             | 4/16/2003  | 471               | 6452.73                               | 6445.66                               | 7.07          |
|            |         |           |             | 8/22/2003  | 598               | 6446.41                               | 6445.66                               | 0.75          |
|            |         |           |             | 4/21/2004  | 842               | 6450.61                               | 6445.66                               | 4.95          |
|            |         |           |             | 4/22/2004  | 843               | 6448.31                               | 6445.66                               | 2.65          |
|            |         |           |             | 6/16/2004  | 898               | 6442.61                               | 6445.66                               | -3.05         |
|            |         |           |             | 8/20/2004  | 962               | 6447.49                               | 6445.66                               | 1.83          |
|            |         |           |             | 9/14/2004  | 988               | 6446.68                               | 6445.66                               | 1.02          |
|            |         |           |             | 2/8/2005   | 1135              | 6449.91                               | 6445.66                               | 4.25          |
|            |         |           |             | 3/18/2005  | 1173              | 6451.16                               | 6445.66                               | 5.50          |
|            |         |           |             | 4/29/2005  | 1214              | 6447.23                               | 6445.66                               | 1.57          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 855        | 484,184 | 1,532,111 | 1           | 6/1/2006   | 1613              | 6447.07                               | 6446.22                               | 0.85          |
|            |         |           |             | 10/11/2006 | 1745              | 6446.41                               | 6446.38                               | 0.03          |
|            |         |           |             | 3/1/2007   | 1886              | 6448.16                               | 6446.48                               | 1.68          |
|            |         |           |             | 9/13/2007  | 2082              | 6445.01                               | 6446.70                               | -1.69         |
|            |         |           |             | 2/25/2009  | 2612              | 6445.07                               | 6447.34                               | -2.27         |
|            |         |           |             | 2/24/2010  | 2976              | 6444.50                               | 6448.21                               | -3.71         |
|            |         |           |             | 2/15/2011  | 3332              | 6446.37                               | 6450.61                               | -4.24         |
|            |         |           |             | 3/8/2012   | 3720              | 6449.24                               | 6454.11                               | -4.87         |
|            |         |           |             | 2/20/2013  | 4068              | 6450.60                               | 6456.57                               | -5.97         |
|            |         |           |             | 12/13/2013 | 4364              | 6452.13                               | 6458.80                               | -6.67         |
|            |         |           |             | 12/3/2015  | 5084              | 6455.14                               | 6461.37                               | -6.23         |
|            |         |           |             | 12/13/2016 | 5460              | 6456.91                               | 6461.99                               | -5.08         |
|            |         |           |             | 2/9/2018   | 5884              | 6456.04                               | 6461.70                               | -5.66         |
|            |         |           |             | 12/27/2018 | 6204              | 6467.74                               | 6461.45                               | 6.29          |
|            |         |           |             | 2/14/2019  | 6253              | 6459.07                               | 6461.44                               | -2.37         |
| 12/18/2019 | 6560    | 6467.71   | 6461.05     | 6.66       |                   |                                       |                                       |               |
| 861        | 488,702 | 1,534,332 | 1           | 8/20/2002  | 232               | 6484.22                               | 6482.98                               | 1.24          |
|            |         |           |             | 8/26/2003  | 603               | 6484.39                               | 6485.64                               | -1.25         |
|            |         |           |             | 8/31/2004  | 973               | 6484.71                               | 6488.36                               | -3.65         |
|            |         |           |             | 9/28/2005  | 1367              | 6486.29                               | 6491.61                               | -5.32         |
|            |         |           |             | 8/17/2006  | 1689              | 6482.59                               | 6490.58                               | -7.99         |
|            |         |           |             | 9/26/2007  | 2094              | 6484.12                               | 6492.54                               | -8.42         |
|            |         |           |             | 11/22/2008 | 2518              | 6484.24                               | 6492.70                               | -8.46         |
|            |         |           |             | 8/20/2009  | 2788              | 6486.42                               | 6493.97                               | -7.55         |
| 862        | 487,800 | 1,534,265 | 1           | 1/13/2011  | 3300              | 6496.08                               | 6492.79                               | 3.29          |
|            |         |           |             | 10/20/2011 | 3580              | 6495.69                               | 6494.15                               | 1.54          |
|            |         |           |             | 12/8/2011  | 3628              | 6496.35                               | 6494.33                               | 2.02          |
|            |         |           |             | 5/23/2012  | 3796              | 6496.12                               | 6494.48                               | 1.64          |
|            |         |           |             | 11/14/2012 | 3970              | 6496.25                               | 6495.14                               | 1.11          |
|            |         |           |             | 1/15/2013  | 4033              | 6495.62                               | 6495.82                               | -0.20         |
|            |         |           |             | 5/4/2013   | 4142              | 6495.09                               | 6496.59                               | -1.50         |
|            |         |           |             | 12/13/2013 | 4365              | 6497.57                               | 6497.72                               | -0.15         |
|            |         |           |             | 1/29/2014  | 4412              | 6497.70                               | 6495.95                               | 1.75          |
|            |         |           |             | 10/18/2014 | 4673              | 6494.76                               | 6494.73                               | 0.03          |
|            |         |           |             | 8/5/2016   | 5330              | 6492.88                               | 6501.53                               | -8.65         |
|            |         |           |             | 3/22/2017  | 5559              | 6490.84                               | 6500.83                               | -9.99         |
|            |         |           |             | 8/25/2017  | 5716              | 6497.70                               | 6499.76                               | -2.06         |
|            |         |           |             | 12/6/2017  | 5818              | 6493.99                               | 6499.25                               | -5.26         |
| 2/23/2018  | 5897    | 6498.42   | 6500.83     | -2.41      |                   |                                       |                                       |               |
| 3/27/2018  | 5929    | 6489.64   | 6501.35     | -11.71     |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 8/23/2018  | 6078              | 6474.82                               | 6502.63                               | -27.81        |
|           |         |           |             | 12/27/2018 | 6204              | 6504.23                               | 6503.19                               | 1.04          |
|           |         |           |             | 1/29/2019  | 6237              | 6501.08                               | 6502.18                               | -1.10         |
|           |         |           |             | 2/26/2019  | 6265              | 6499.01                               | 6501.55                               | -2.54         |
|           |         |           |             | 3/26/2019  | 6293              | 6498.67                               | 6501.11                               | -2.44         |
|           |         |           |             | 4/10/2019  | 6308              | 6499.47                               | 6500.89                               | -1.42         |
|           |         |           |             | 4/30/2019  | 6328              | 6498.78                               | 6500.61                               | -1.83         |
|           |         |           |             | 12/18/2019 | 6560              | 6498.43                               | 6498.76                               | -0.33         |
| 864       | 486,464 | 1,533,735 | 1           | 8/20/2002  | 232               | 6471.51                               | 6450.15                               | 21.36         |
|           |         |           |             | 8/26/2003  | 603               | 6467.44                               | 6456.63                               | 10.81         |
|           |         |           |             | 7/23/2004  | 935               | 6465.09                               | 6467.23                               | -2.14         |
|           |         |           |             | 11/18/2004 | 1052              | 6465.67                               | 6467.77                               | -2.10         |
|           |         |           |             | 2/22/2005  | 1149              | 6469.48                               | 6468.42                               | 1.06          |
|           |         |           |             | 3/19/2005  | 1173              | 6469.84                               | 6468.61                               | 1.23          |
|           |         |           |             | 8/3/2005   | 1310              | 6469.46                               | 6469.57                               | -0.11         |
|           |         |           |             | 3/3/2006   | 1523              | 6469.16                               | 6470.07                               | -0.91         |
|           |         |           |             | 8/17/2006  | 1690              | 6467.47                               | 6469.22                               | -1.75         |
|           |         |           |             | 5/2/2007   | 1947              | 6467.26                               | 6469.78                               | -2.52         |
|           |         |           |             | 9/27/2007  | 2095              | 6465.79                               | 6470.72                               | -4.93         |
|           |         |           |             | 5/28/2008  | 2340              | 6467.20                               | 6471.62                               | -4.42         |
|           |         |           |             | 11/21/2008 | 2517              | 6465.81                               | 6471.73                               | -5.92         |
|           |         |           |             | 2/25/2009  | 2612              | 6468.96                               | 6471.86                               | -2.90         |
|           |         |           |             | 3/19/2009  | 2635              | 6469.57                               | 6471.93                               | -2.36         |
|           |         |           |             | 10/8/2009  | 2837              | 6469.03                               | 6472.58                               | -3.55         |
|           |         |           |             | 4/16/2010  | 3027              | 6471.07                               | 6473.65                               | -2.58         |
|           |         |           |             | 9/22/2010  | 3186              | 6470.29                               | 6475.06                               | -4.77         |
|           |         |           |             | 2/15/2011  | 3332              | 6470.97                               | 6476.20                               | -5.23         |
|           |         |           |             | 5/24/2012  | 3797              | 6472.71                               | 6480.27                               | -7.56         |
| 2/26/2013 | 4075    | 6474.06   | 6482.31     | -8.25      |                   |                                       |                                       |               |
| 4/3/2018  | 5937    | 6481.60   | 6484.80     | -3.20      |                   |                                       |                                       |               |
| 4/3/2019  | 6301    | 6480.11   | 6485.28     | -5.17      |                   |                                       |                                       |               |
| 865       | 488,429 | 1,534,123 | 1           | 8/21/2002  | 233               | 6483.15                               | 6479.48                               | 3.67          |
|           |         |           |             | 12/12/2002 | 345               | 6482.60                               | 6479.48                               | 3.12          |
|           |         |           |             | 10/20/2011 | 3580              | 6493.17                               | 6497.37                               | -4.20         |
|           |         |           |             | 10/18/2014 | 4673              | 6495.85                               | 6499.34                               | -3.49         |
|           |         |           |             | 5/15/2015  | 4882              | 6500.57                               | 6503.66                               | -3.09         |
|           |         |           |             | 8/21/2015  | 4980              | 6502.78                               | 6505.54                               | -2.76         |
|           |         |           |             | 8/5/2016   | 5330              | 6502.83                               | 6504.88                               | -2.05         |
|           |         |           |             | 3/9/2018   | 5912              | 6495.07                               | 6504.59                               | -9.52         |
| 1/29/2019 | 6237    | 6500.11   | 6505.12     | -5.01      |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 2/26/2019  | 6265              | 6497.16                               | 6504.39                               | -7.23         |
|            |         |           |             | 3/26/2019  | 6293              | 6495.99                               | 6503.90                               | -7.91         |
|            |         |           |             | 4/17/2019  | 6316              | 6495.56                               | 6503.56                               | -8.00         |
|            |         |           |             | 4/30/2019  | 6328              | 6495.68                               | 6503.38                               | -7.70         |
| 866        | 488,340 | 1,534,494 | 1           | 12/12/2002 | 345               | 6491.07                               | 6481.61                               | 9.46          |
|            |         |           |             | 3/2/2010   | 2983              | 6495.14                               | 6494.88                               | 0.26          |
|            |         |           |             | 5/26/2010  | 3067              | 6497.06                               | 6496.05                               | 1.01          |
|            |         |           |             | 10/20/2011 | 3580              | 6498.88                               | 6499.31                               | -0.43         |
|            |         |           |             | 5/4/2013   | 4141              | 6496.26                               | 6501.35                               | -5.09         |
|            |         |           |             | 8/5/2016   | 5330              | 6499.80                               | 6506.26                               | -6.46         |
|            |         |           |             | 3/22/2017  | 5559              | 6495.62                               | 6504.65                               | -9.03         |
|            |         |           |             | 8/23/2018  | 6078              | 6478.44                               | 6506.95                               | -28.51        |
|            |         |           |             | 1/29/2019  | 6237              | 6495.41                               | 6506.01                               | -10.60        |
|            |         |           |             | 2/26/2019  | 6265              | 6510.50                               | 6505.30                               | 5.20          |
|            |         |           |             | 3/26/2019  | 6293              | 6498.96                               | 6504.83                               | -5.87         |
|            |         |           |             | 4/10/2019  | 6308              | 6500.22                               | 6504.60                               | -4.38         |
|            |         |           |             | 4/30/2019  | 6328              | 6498.22                               | 6504.32                               | -6.10         |
|            |         |           |             | 11/13/2019 | 6525              | 6499.11                               | 6502.70                               | -3.59         |
| 867        | 488,409 | 1,533,762 | 1           | 8/21/2002  | 233               | 6482.50                               | 6468.43                               | 14.07         |
|            |         |           |             | 12/12/2002 | 345               | 6481.32                               | 6468.43                               | 12.89         |
|            |         |           |             | 8/23/2003  | 600               | 6482.84                               | 6476.02                               | 6.82          |
|            |         |           |             | 12/19/2003 | 718               | 6483.67                               | 6483.04                               | 0.63          |
|            |         |           |             | 4/21/2004  | 842               | 6476.35                               | 6484.38                               | -8.03         |
|            |         |           |             | 8/20/2004  | 963               | 6476.84                               | 6485.35                               | -8.51         |
|            |         |           |             | 12/11/2004 | 1075              | 6485.45                               | 6485.99                               | -0.54         |
|            |         |           |             | 12/2/2005  | 1431              | 6485.14                               | 6488.46                               | -3.32         |
|            |         |           |             | 8/17/2006  | 1689              | 6481.46                               | 6486.33                               | -4.87         |
|            |         |           |             | 12/19/2006 | 1814              | 6479.50                               | 6485.62                               | -6.12         |
|            |         |           |             | 9/26/2007  | 2094              | 6481.52                               | 6487.43                               | -5.91         |
|            |         |           |             | 11/13/2007 | 2143              | 6483.46                               | 6487.78                               | -4.32         |
|            |         |           |             | 11/21/2008 | 2517              | 6482.37                               | 6487.86                               | -5.49         |
|            |         |           |             | 12/5/2008  | 2531              | 6483.50                               | 6487.85                               | -4.35         |
|            |         |           |             | 8/20/2009  | 2788              | 6485.09                               | 6488.96                               | -3.87         |
|            |         |           |             | 12/11/2009 | 2901              | 6482.12                               | 6489.45                               | -7.33         |
|            |         |           |             | 9/22/2010  | 3187              | 6488.81                               | 6492.72                               | -3.91         |
|            |         |           |             | 12/16/2010 | 3272              | 6491.10                               | 6493.48                               | -2.38         |
|            |         |           |             | 12/8/2011  | 3628              | 6493.03                               | 6495.33                               | -2.30         |
|            |         |           |             | 11/14/2012 | 3970              | 6492.79                               | 6496.54                               | -3.75         |
| 12/13/2013 | 4365    | 6493.90   | 6498.50     | -4.60      |                   |                                       |                                       |               |
| 12/2/2015  | 5083    | 6501.60   | 6504.21     | -2.61      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/13/2016 | 5460              | 6495.25                               | 6502.79                               | -7.54         |
|            |         |           |             | 12/6/2017  | 5818              | 6493.50                               | 6500.17                               | -6.67         |
|            |         |           |             | 12/6/2018  | 6183              | 6495.36                               | 6504.36                               | -9.00         |
|            |         |           |             | 8/29/2019  | 6450              | 6493.74                               | 6500.97                               | -7.23         |
|            |         |           |             | 12/18/2019 | 6560              | 6493.57                               | 6500.20                               | -6.63         |
| 868        | 491,032 | 1,534,848 | 1           | 3/1/2007   | 1886              | 6510.44                               | 6520.22                               | -9.78         |
|            |         |           |             | 7/1/2015   | 4929              | 6516.43                               | 6524.70                               | -8.27         |
| 869        | 486,073 | 1,533,251 | 1           | 2/8/2005   | 1135              | 6461.91                               | 6460.21                               | 1.70          |
|            |         |           |             | 3/19/2005  | 1173              | 6462.73                               | 6460.78                               | 1.95          |
|            |         |           |             | 6/15/2005  | 1262              | 6461.25                               | 6462.03                               | -0.78         |
|            |         |           |             | 8/3/2005   | 1311              | 6460.22                               | 6462.46                               | -2.24         |
|            |         |           |             | 11/19/2005 | 1419              | 6460.16                               | 6463.38                               | -3.22         |
|            |         |           |             | 12/2/2005  | 1431              | 6460.60                               | 6463.48                               | -2.88         |
|            |         |           |             | 10/20/2011 | 3580              | 6466.70                               | 6474.34                               | -7.64         |
|            |         |           |             | 12/8/2011  | 3629              | 6467.21                               | 6474.79                               | -7.58         |
|            |         |           |             | 5/24/2012  | 3796              | 6468.09                               | 6476.53                               | -8.44         |
|            |         |           |             | 11/14/2012 | 3970              | 6470.15                               | 6477.88                               | -7.73         |
|            |         |           |             | 3/19/2013  | 4095              | 6469.71                               | 6479.07                               | -9.36         |
|            |         |           |             | 6/18/2013  | 4187              | 6470.66                               | 6479.90                               | -9.24         |
|            |         |           |             | 12/13/2013 | 4365              | 6472.87                               | 6481.27                               | -8.40         |
|            |         |           |             | 7/19/2014  | 4582              | 6475.32                               | 6481.37                               | -6.05         |
|            |         |           |             | 8/21/2015  | 4980              | 6477.61                               | 6482.71                               | -5.10         |
|            |         |           |             | 12/2/2015  | 5083              | 6477.46                               | 6483.62                               | -6.16         |
|            |         |           |             | 12/13/2016 | 5460              | 6478.19                               | 6482.74                               | -4.55         |
|            |         |           |             | 11/4/2017  | 5787              | 6477.35                               | 6481.43                               | -4.08         |
|            |         |           |             | 12/6/2017  | 5818              | 6477.45                               | 6481.31                               | -3.86         |
|            |         |           |             | 12/27/2018 | 6204              | 6477.05                               | 6481.37                               | -4.32         |
|            |         |           |             | 1/29/2019  | 6237              | 6476.16                               | 6481.16                               | -5.00         |
|            |         |           |             | 2/26/2019  | 6265              | 6476.65                               | 6481.06                               | -4.41         |
|            |         |           |             | 3/26/2019  | 6293              | 6476.59                               | 6480.93                               | -4.34         |
| 4/2/2019   | 6301    | 6476.77   | 6480.90     | -4.13      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6475.64   | 6479.48     | -3.84      |                   |                                       |                                       |               |
|            |         |           |             | 8/20/2002  | 232               | 6467.76                               | 6445.30                               | 22.46         |
|            |         |           |             | 8/26/2003  | 603               | 6461.71                               | 6442.31                               | 19.40         |
|            |         |           |             | 12/19/2003 | 718               | 6461.43                               | 6441.74                               | 19.69         |
|            |         |           |             | 6/23/2004  | 904               | 6458.05                               | 6445.46                               | 12.59         |
|            |         |           |             | 11/9/2004  | 1043              | 6457.69                               | 6447.57                               | 10.12         |
|            |         |           |             | 12/11/2004 | 1075              | 6458.64                               | 6448.00                               | 10.64         |
|            |         |           |             | 7/7/2005   | 1283              | 6458.42                               | 6450.74                               | 7.68          |
|            |         |           |             | 12/2/2005  | 1431              | 6458.76                               | 6452.63                               | 6.13          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 876        | 486,088 | 1,532,853 | 1           | 12/12/2006 | 1807              | 6459.24                               | 6453.64                               | 5.60          |
|            |         |           |             | 12/19/2006 | 1814              | 6459.30                               | 6453.62                               | 5.68          |
|            |         |           |             | 9/13/2007  | 2082              | 6455.15                               | 6455.35                               | -0.20         |
|            |         |           |             | 11/13/2007 | 2143              | 6455.39                               | 6455.83                               | -0.44         |
|            |         |           |             | 12/5/2008  | 2531              | 6456.15                               | 6455.75                               | 0.40          |
|            |         |           |             | 12/11/2009 | 2901              | 6456.61                               | 6459.28                               | -2.67         |
|            |         |           |             | 4/16/2010  | 3027              | 6460.13                               | 6461.98                               | -1.85         |
|            |         |           |             | 12/16/2010 | 3272              | 6461.70                               | 6466.55                               | -4.85         |
|            |         |           |             | 12/8/2011  | 3629              | 6466.35                               | 6475.05                               | -8.70         |
|            |         |           |             | 11/14/2012 | 3971              | 6469.46                               | 6478.54                               | -9.08         |
|            |         |           |             | 12/13/2013 | 4365              | 6472.41                               | 6481.86                               | -9.45         |
|            |         |           |             | 12/2/2015  | 5083              | 6477.28                               | 6483.28                               | -6.00         |
|            |         |           |             | 12/13/2016 | 5460              | 6478.15                               | 6481.67                               | -3.52         |
|            |         |           |             | 12/6/2017  | 5818              | 6478.01                               | 6480.17                               | -2.16         |
| 12/27/2018 | 6204    | 6477.65   | 6479.74     | -2.09      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6475.66   | 6477.97     | -2.31      |                   |                                       |                                       |               |
| 877        | 488,067 | 1,533,068 | 1           | 12/3/2015  | 5084              | 6494.67                               | 6493.78                               | 0.89          |
|            |         |           |             | 12/13/2016 | 5460              | 6491.68                               | 6495.99                               | -4.31         |
|            |         |           |             | 12/6/2017  | 5818              | 6490.33                               | 6495.89                               | -5.56         |
|            |         |           |             | 12/6/2018  | 6183              | 6489.25                               | 6496.57                               | -7.32         |
|            |         |           |             | 12/19/2019 | 6561              | 6488.28                               | 6496.45                               | -8.17         |
| 879        | 486,104 | 1,532,401 | 1           | 12/19/2003 | 718               | 6473.12                               | 6442.71                               | 30.41         |
|            |         |           |             | 12/11/2004 | 1075              | 6473.18                               | 6446.80                               | 26.38         |
|            |         |           |             | 12/2/2005  | 1431              | 6473.16                               | 6449.87                               | 23.29         |
|            |         |           |             | 12/19/2006 | 1814              | 6473.11                               | 6451.94                               | 21.17         |
|            |         |           |             | 11/13/2007 | 2143              | 6473.18                               | 6453.43                               | 19.75         |
|            |         |           |             | 12/5/2008  | 2531              | 6473.19                               | 6453.30                               | 19.89         |
|            |         |           |             | 12/11/2009 | 2901              | 6473.16                               | 6455.49                               | 17.67         |
|            |         |           |             | 12/16/2010 | 3272              | 6473.17                               | 6460.66                               | 12.51         |
|            |         |           |             | 12/8/2011  | 3629              | 6473.15                               | 6466.60                               | 6.55          |
|            |         |           |             | 11/14/2012 | 3971              | 6473.14                               | 6470.01                               | 3.13          |
|            |         |           |             | 12/6/2018  | 6183              | 6477.98                               | 6474.09                               | 3.89          |
| 12/19/2019 | 6561    | 6476.50   | 6473.14     | 3.36       |                   |                                       |                                       |               |
|            |         |           |             | 5/20/2010  | 3062              | 6490.45                               | 6494.08                               | -3.63         |
|            |         |           |             | 12/15/2010 | 3271              | 6489.09                               | 6494.88                               | -5.79         |
|            |         |           |             | 2/10/2011  | 3328              | 6489.82                               | 6494.81                               | -4.99         |
|            |         |           |             | 4/27/2011  | 3404              | 6490.04                               | 6494.59                               | -4.55         |
|            |         |           |             | 5/12/2011  | 3418              | 6489.63                               | 6494.55                               | -4.92         |
|            |         |           |             | 7/12/2011  | 3479              | 6488.33                               | 6494.41                               | -6.08         |
|            |         |           |             | 10/13/2011 | 3573              | 6487.24                               | 6494.23                               | -6.99         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 881        | 481,478 | 1,542,034 | 1           | 12/7/2011  | 3627              | 6488.54                               | 6494.13                               | -5.59         |
|            |         |           |             | 3/14/2012  | 3726              | 6490.16                               | 6494.11                               | -3.95         |
|            |         |           |             | 7/28/2012  | 3861              | 6490.53                               | 6494.15                               | -3.62         |
|            |         |           |             | 11/2/2012  | 3959              | 6489.95                               | 6494.19                               | -4.24         |
|            |         |           |             | 11/20/2012 | 3977              | 6489.54                               | 6494.20                               | -4.66         |
|            |         |           |             | 2/9/2013   | 4057              | 6491.38                               | 6494.21                               | -2.83         |
|            |         |           |             | 12/13/2013 | 4364              | 6492.41                               | 6495.77                               | -3.36         |
|            |         |           |             | 2/12/2014  | 4425              | 6492.68                               | 6496.31                               | -3.63         |
|            |         |           |             | 8/27/2014  | 4621              | 6492.74                               | 6497.46                               | -4.72         |
|            |         |           |             | 2/27/2015  | 4806              | 6494.38                               | 6498.54                               | -4.16         |
|            |         |           |             | 2/19/2016  | 5162              | 6494.81                               | 6500.56                               | -5.75         |
|            |         |           |             | 12/13/2016 | 5460              | 6491.86                               | 6500.44                               | -8.58         |
|            |         |           |             | 2/24/2017  | 5534              | 6491.57                               | 6499.24                               | -7.67         |
|            |         |           |             | 1/11/2018  | 5855              | 6494.44                               | 6497.20                               | -2.76         |
|            |         |           |             | 2/6/2018   | 5880              | 6487.14                               | 6497.42                               | -10.28        |
|            |         |           |             | 12/27/2018 | 6204              | 6495.87                               | 6497.49                               | -1.62         |
|            |         |           |             | 1/9/2019   | 6217              | 6495.39                               | 6497.43                               | -2.04         |
|            |         |           |             | 1/29/2019  | 6237              | 6493.99                               | 6497.39                               | -3.40         |
|            |         |           |             | 2/7/2019   | 6246              | 6495.40                               | 6497.35                               | -1.95         |
|            |         |           |             | 2/26/2019  | 6265              | 6475.00                               | 6497.28                               | -22.28        |
|            |         |           |             | 3/26/2019  | 6293              | 6493.80                               | 6497.16                               | -3.36         |
|            |         |           |             | 5/29/2019  | 6357              | 6492.04                               | 6496.88                               | -4.84         |
|            |         |           |             | 6/25/2019  | 6384              | 6493.14                               | 6496.76                               | -3.62         |
| 7/30/2019  | 6419    | 6493.34   | 6496.61     | -3.27      |                   |                                       |                                       |               |
| 10/1/2019  | 6482    | 6493.24   | 6496.34     | -3.10      |                   |                                       |                                       |               |
| 10/29/2019 | 6510    | 6493.24   | 6496.23     | -2.99      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6491.69   | 6496.03     | -4.34      |                   |                                       |                                       |               |
| 882        | 482,396 | 1,541,404 | 1           | 10/4/2002  | 277               | 6489.95                               | 6494.38                               | -4.43         |
|            |         |           |             | 1/6/2004   | 736               | 6491.10                               | 6494.27                               | -3.17         |
|            |         |           |             | 10/5/2004  | 1009              | 6488.57                               | 6493.68                               | -5.11         |
|            |         |           |             | 11/16/2005 | 1416              | 6488.67                               | 6494.13                               | -5.46         |
|            |         |           |             | 10/4/2006  | 1737              | 6487.15                               | 6495.09                               | -7.94         |
|            |         |           |             | 9/27/2007  | 2096              | 6490.52                               | 6495.79                               | -5.27         |
|            |         |           |             | 11/19/2008 | 2515              | 6491.00                               | 6496.17                               | -5.17         |
|            |         |           |             | 3/4/2010   | 2984              | 6494.23                               | 6497.11                               | -2.88         |
|            |         |           |             | 2/19/2011  | 3337              | 6494.70                               | 6498.24                               | -3.54         |
|            |         |           |             | 5/12/2011  | 3418              | 6494.46                               | 6498.11                               | -3.65         |
|            |         |           |             | 7/20/2011  | 3487              | 6492.87                               | 6498.02                               | -5.15         |
|            |         |           |             | 10/14/2011 | 3573              | 6492.93                               | 6497.91                               | -4.98         |
|            |         |           |             | 3/7/2012   | 3719              | 6494.38                               | 6497.85                               | -3.47         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 7/28/2012  | 3861              | 6495.08                               | 6497.91                               | -2.83         |
|         |         |           |             | 11/2/2012  | 3959              | 6494.37                               | 6497.96                               | -3.59         |
|         |         |           |             | 2/12/2013  | 4061              | 6496.13                               | 6498.06                               | -1.93         |
|         |         |           |             | 8/9/2013   | 4238              | 6495.41                               | 6498.86                               | -3.45         |
|         |         |           |             | 2/12/2014  | 4425              | 6497.74                               | 6499.97                               | -2.23         |
|         |         |           |             | 8/27/2014  | 4621              | 6496.57                               | 6500.85                               | -4.28         |
|         |         |           |             | 2/27/2015  | 4805              | 6497.84                               | 6501.57                               | -3.73         |
|         |         |           |             | 2/19/2016  | 5162              | 6497.91                               | 6503.01                               | -5.10         |
|         |         |           |             | 3/16/2017  | 5553              | 6495.31                               | 6502.56                               | -7.25         |
|         |         |           |             | 2/6/2018   | 5880              | 6491.14                               | 6500.94                               | -9.80         |
|         |         |           |             | 2/8/2019   | 6247              | 6497.96                               | 6500.77                               | -2.81         |
| 883     | 483,039 | 1,540,097 | 1           | 10/3/2002  | 276               | 6494.53                               | 6498.55                               | -4.02         |
|         |         |           |             | 1/6/2004   | 736               | 6493.71                               | 6498.51                               | -4.80         |
|         |         |           |             | 3/4/2004   | 793               | 6493.68                               | 6498.48                               | -4.80         |
|         |         |           |             | 10/6/2004  | 1010              | 6493.11                               | 6498.31                               | -5.20         |
|         |         |           |             | 12/22/2004 | 1086              | 6493.11                               | 6498.25                               | -5.14         |
|         |         |           |             | 4/13/2005  | 1198              | 6493.16                               | 6498.17                               | -5.01         |
|         |         |           |             | 11/19/2005 | 1419              | 6492.40                               | 6498.13                               | -5.73         |
|         |         |           |             | 12/3/2005  | 1432              | 6492.36                               | 6498.13                               | -5.77         |
|         |         |           |             | 11/15/2006 | 1780              | 6491.97                               | 6498.64                               | -6.67         |
|         |         |           |             | 5/2/2007   | 1948              | 6492.36                               | 6498.98                               | -6.62         |
|         |         |           |             | 5/10/2007  | 1955              | 6492.30                               | 6498.99                               | -6.69         |
|         |         |           |             | 4/29/2008  | 2310              | 6492.89                               | 6499.43                               | -6.54         |
|         |         |           |             | 11/19/2008 | 2515              | 6492.66                               | 6499.57                               | -6.91         |
|         |         |           |             | 4/28/2009  | 2675              | 6493.23                               | 6499.70                               | -6.47         |
|         |         |           |             | 10/8/2009  | 2838              | 6493.03                               | 6499.86                               | -6.83         |
|         |         |           |             | 12/15/2009 | 2905              | 6493.27                               | 6499.93                               | -6.66         |
|         |         |           |             | 10/14/2010 | 3209              | 6494.21                               | 6500.61                               | -6.40         |
|         |         |           |             | 11/2/2011  | 3593              | 6494.65                               | 6501.05                               | -6.40         |
|         |         |           |             | 5/22/2012  | 3795              | 6494.78                               | 6501.11                               | -6.33         |
|         |         |           |             | 10/24/2012 | 3949              | 6494.80                               | 6501.20                               | -6.40         |
|         |         |           |             | 3/19/2013  | 4095              | 6495.27                               | 6501.38                               | -6.11         |
|         |         |           |             | 12/13/2013 | 4365              | 6496.02                               | 6502.36                               | -6.34         |
|         |         |           |             | 12/6/2017  | 5818              | 6496.22                               | 6504.75                               | -8.53         |
|         |         |           |             | 2/6/2018   | 5881              | 6497.29                               | 6504.57                               | -7.28         |
|         |         |           |             | 12/27/2018 | 6204              | 6498.23                               | 6504.12                               | -5.89         |
|         |         |           |             | 2/8/2019   | 6248              | 6498.03                               | 6504.07                               | -6.04         |
|         |         |           |             | 12/18/2019 | 6560              | 6497.28                               | 6503.31                               | -6.03         |
|         |         |           |             | 10/4/2002  | 277               | 6484.79                               | 6490.30                               | -5.51         |
|         |         |           |             | 1/6/2004   | 735               | 6488.77                               | 6490.14                               | -1.37         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 884       | 481,498 | 1,542,677 | 1           | 11/16/2005 | 1416              | 6485.77                               | 6491.13                               | -5.36         |
|           |         |           |             | 10/4/2006  | 1737              | 6486.95                               | 6492.27                               | -5.32         |
|           |         |           |             | 5/2/2007   | 1948              | 6488.81                               | 6492.71                               | -3.90         |
|           |         |           |             | 9/27/2007  | 2096              | 6492.75                               | 6492.84                               | -0.09         |
|           |         |           |             | 4/29/2008  | 2311              | 6493.15                               | 6493.06                               | 0.09          |
|           |         |           |             | 11/20/2008 | 2515              | 6490.39                               | 6493.29                               | -2.90         |
|           |         |           |             | 6/23/2009  | 2730              | 6490.49                               | 6493.68                               | -3.19         |
|           |         |           |             | 12/14/2010 | 3270              | 6491.95                               | 6495.42                               | -3.47         |
|           |         |           |             | 2/19/2011  | 3337              | 6492.45                               | 6495.36                               | -2.91         |
|           |         |           |             | 5/12/2011  | 3418              | 6492.19                               | 6495.09                               | -2.90         |
|           |         |           |             | 7/20/2011  | 3487              | 6490.07                               | 6494.91                               | -4.84         |
|           |         |           |             | 10/14/2011 | 3574              | 6490.07                               | 6494.71                               | -4.64         |
|           |         |           |             | 3/7/2012   | 3719              | 6492.69                               | 6494.54                               | -1.85         |
|           |         |           |             | 7/28/2012  | 3861              | 6492.81                               | 6494.58                               | -1.77         |
|           |         |           |             | 11/2/2012  | 3959              | 6492.39                               | 6494.61                               | -2.22         |
|           |         |           |             | 2/9/2013   | 4057              | 6494.80                               | 6494.66                               | 0.14          |
|           |         |           |             | 8/9/2013   | 4238              | 6493.65                               | 6495.49                               | -1.84         |
|           |         |           |             | 2/12/2014  | 4425              | 6495.15                               | 6496.66                               | -1.51         |
|           |         |           |             | 8/6/2014   | 4601              | 6495.71                               | 6497.59                               | -1.88         |
|           |         |           |             | 2/27/2015  | 4805              | 6497.56                               | 6498.56                               | -1.00         |
| 2/19/2016 | 5162    | 6496.89   | 6500.55     | -3.66      |                   |                                       |                                       |               |
| 3/28/2017 | 5566    | 6494.13   | 6499.21     | -5.08      |                   |                                       |                                       |               |
| 2/6/2018  | 5880    | 6489.91   | 6497.57     | -7.66      |                   |                                       |                                       |               |
| 2/8/2019  | 6247    | 6496.10   | 6497.63     | -1.53      |                   |                                       |                                       |               |
|           |         |           |             | 10/4/2002  | 277               | 6493.76                               | 6500.01                               | -6.25         |
|           |         |           |             | 12/19/2003 | 718               | 6487.49                               | 6499.95                               | -12.46        |
|           |         |           |             | 1/6/2004   | 736               | 6494.43                               | 6499.94                               | -5.51         |
|           |         |           |             | 3/4/2004   | 793               | 6494.68                               | 6499.83                               | -5.15         |
|           |         |           |             | 10/5/2004  | 1009              | 6492.34                               | 6499.51                               | -7.17         |
|           |         |           |             | 12/11/2004 | 1076              | 6493.76                               | 6499.42                               | -5.66         |
|           |         |           |             | 12/22/2004 | 1087              | 6493.76                               | 6499.41                               | -5.65         |
|           |         |           |             | 4/13/2005  | 1198              | 6492.92                               | 6499.11                               | -6.19         |
|           |         |           |             | 11/19/2005 | 1418              | 6491.71                               | 6499.03                               | -7.32         |
|           |         |           |             | 12/3/2005  | 1432              | 6492.39                               | 6499.03                               | -6.64         |
|           |         |           |             | 10/4/2006  | 1737              | 6490.86                               | 6500.36                               | -9.50         |
|           |         |           |             | 12/21/2006 | 1816              | 6494.39                               | 6500.68                               | -6.29         |
|           |         |           |             | 5/2/2007   | 1948              | 6493.20                               | 6500.98                               | -7.78         |
|           |         |           |             | 9/27/2007  | 2096              | 6494.30                               | 6501.17                               | -6.87         |
|           |         |           |             | 11/13/2007 | 2143              | 6495.19                               | 6501.23                               | -6.04         |
|           |         |           |             | 4/2/2008   | 2284              | 6498.11                               | 6501.34                               | -3.23         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 885        | 483,474 | 1,541,919 | 1           | 11/19/2008 | 2515              | 6494.80                               | 6501.47                               | -6.67         |
|            |         |           |             | 12/9/2008  | 2534              | 6495.35                               | 6501.47                               | -6.12         |
|            |         |           |             | 4/28/2009  | 2675              | 6497.14                               | 6501.72                               | -4.58         |
|            |         |           |             | 9/30/2009  | 2830              | 6495.54                               | 6501.92                               | -6.38         |
|            |         |           |             | 12/11/2009 | 2901              | 6497.89                               | 6502.00                               | -4.11         |
|            |         |           |             | 12/15/2010 | 3271              | 6499.34                               | 6503.30                               | -3.96         |
|            |         |           |             | 11/10/2011 | 3600              | 6497.10                               | 6502.99                               | -5.89         |
|            |         |           |             | 12/7/2011  | 3627              | 6497.59                               | 6502.97                               | -5.38         |
|            |         |           |             | 5/22/2012  | 3795              | 6498.04                               | 6503.05                               | -5.01         |
|            |         |           |             | 10/24/2012 | 3949              | 6497.63                               | 6503.18                               | -5.55         |
|            |         |           |             | 11/20/2012 | 3977              | 6498.69                               | 6503.20                               | -4.51         |
|            |         |           |             | 3/20/2013  | 4096              | 6501.33                               | 6503.69                               | -2.36         |
|            |         |           |             | 8/9/2013   | 4238              | 6499.64                               | 6504.74                               | -5.10         |
|            |         |           |             | 12/13/2013 | 4364              | 6503.20                               | 6505.61                               | -2.41         |
|            |         |           |             | 10/23/2014 | 4679              | 6500.33                               | 6506.43                               | -6.10         |
|            |         |           |             | 12/1/2015  | 5082              | 6501.83                               | 6507.06                               | -5.23         |
|            |         |           |             | 12/13/2016 | 5460              | 6499.34                               | 6507.46                               | -8.12         |
|            |         |           |             | 3/30/2017  | 5567              | 6498.94                               | 6507.10                               | -8.16         |
|            |         |           |             | 10/5/2017  | 5756              | 6499.14                               | 6506.21                               | -7.07         |
|            |         |           |             | 12/6/2017  | 5818              | 6498.44                               | 6505.94                               | -7.50         |
|            |         |           |             | 3/7/2018   | 5909              | 6500.19                               | 6505.75                               | -5.56         |
|            |         |           |             | 12/27/2018 | 6204              | 6501.30                               | 6505.41                               | -4.11         |
| 4/19/2019  | 6318    | 6499.72   | 6505.02     | -5.30      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6498.54   | 6503.98     | -5.44      |                   |                                       |                                       |               |
| 886        | 482,487 | 1,542,327 | 1           | 5/19/2010  | 3061              | 6495.09                               | 6498.53                               | -3.44         |
|            |         |           |             | 12/15/2010 | 3271              | 6494.80                               | 6499.26                               | -4.46         |
|            |         |           |             | 2/10/2011  | 3328              | 6495.05                               | 6499.11                               | -4.06         |
|            |         |           |             | 4/27/2011  | 3404              | 6494.45                               | 6498.94                               | -4.49         |
|            |         |           |             | 7/12/2011  | 3479              | 6493.03                               | 6498.79                               | -5.76         |
|            |         |           |             | 10/13/2011 | 3573              | 6492.52                               | 6498.65                               | -6.13         |
|            |         |           |             | 12/7/2011  | 3627              | 6493.50                               | 6498.57                               | -5.07         |
|            |         |           |             | 3/14/2012  | 3726              | 6494.65                               | 6498.74                               | -4.09         |
|            |         |           |             | 7/28/2012  | 3861              | 6495.49                               | 6498.82                               | -3.33         |
|            |         |           |             | 11/2/2012  | 3959              | 6494.65                               | 6498.87                               | -4.22         |
|            |         |           |             | 11/20/2012 | 3977              | 6494.83                               | 6498.89                               | -4.06         |
|            |         |           |             | 2/9/2013   | 4057              | 6496.58                               | 6499.00                               | -2.42         |
|            |         |           |             | 12/13/2013 | 4364              | 6498.57                               | 6500.83                               | -2.26         |
|            |         |           |             | 8/27/2014  | 4622              | 6497.28                               | 6501.90                               | -4.62         |
|            |         |           |             | 10/17/2014 | 4672              | 6497.20                               | 6502.04                               | -4.84         |
| 12/1/2015  | 5082    | 6498.82   | 6503.55     | -4.73      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 2/19/2016  | 5162              | 6498.55                               | 6503.79                               | -5.24         |
|           |         |           |             | 12/13/2016 | 5460              | 6495.65                               | 6503.95                               | -8.30         |
|           |         |           |             | 3/4/2017   | 5542              | 6495.33                               | 6503.31                               | -7.98         |
|           |         |           |             | 11/7/2017  | 5789              | 6495.51                               | 6501.78                               | -6.27         |
|           |         |           |             | 2/6/2018   | 5880              | 6486.13                               | 6501.66                               | -15.53        |
|           |         |           |             | 12/27/2018 | 6204              | 6498.77                               | 6501.55                               | -2.78         |
|           |         |           |             | 2/7/2019   | 6246              | 6487.77                               | 6501.45                               | -13.68        |
|           |         |           |             | 12/18/2019 | 6560              | 6494.83                               | 6500.15                               | -5.32         |
| 887       | 482,469 | 1,543,063 | 1           | 10/4/2006  | 1737              | 6508.13                               | 6502.82                               | 5.31          |
|           |         |           |             | 1/19/2008  | 2209              | 6511.41                               | 6504.06                               | 7.35          |
|           |         |           |             | 4/2/2008   | 2284              | 6511.69                               | 6504.24                               | 7.45          |
|           |         |           |             | 6/17/2009  | 2725              | 6508.69                               | 6504.95                               | 3.74          |
|           |         |           |             | 5/30/2012  | 3802              | 6506.05                               | 6502.83                               | 3.22          |
|           |         |           |             | 3/20/2013  | 4096              | 6509.59                               | 6502.93                               | 6.66          |
|           |         |           |             | 10/17/2014 | 4672              | 6509.38                               | 6504.05                               | 5.33          |
|           |         |           |             | 3/25/2015  | 4832              | 6510.93                               | 6503.73                               | 7.20          |
|           |         |           |             | 12/1/2015  | 5082              | 6507.98                               | 6503.86                               | 4.12          |
|           |         |           |             | 12/13/2016 | 5460              | 6506.69                               | 6505.14                               | 1.55          |
|           |         |           |             | 12/6/2017  | 5818              | 6503.83                               | 6504.42                               | -0.59         |
|           |         |           |             | 3/7/2018   | 5909              | 6505.12                               | 6504.17                               | 0.95          |
|           |         |           |             | 12/6/2018  | 6183              | 6506.33                               | 6503.82                               | 2.51          |
|           |         |           |             | 4/19/2019  | 6317              | 6506.60                               | 6503.42                               | 3.18          |
|           |         |           |             | 12/18/2019 | 6560              | 6505.17                               | 6501.93                               | 3.24          |
|           |         |           |             | 10/11/2002 | 284               | 6476.94                               | 6479.21                               | -2.27         |
|           |         |           |             | 1/7/2004   | 736               | 6479.63                               | 6479.51                               | 0.12          |
|           |         |           |             | 10/6/2004  | 1009              | 6477.64                               | 6479.10                               | -1.46         |
|           |         |           |             | 12/11/2004 | 1076              | 6478.24                               | 6478.96                               | -0.72         |
|           |         |           |             | 5/18/2005  | 1234              | 6479.51                               | 6482.60                               | -3.09         |
|           |         |           |             | 11/16/2005 | 1416              | 6479.76                               | 6483.57                               | -3.81         |
|           |         |           |             | 12/3/2005  | 1432              | 6478.44                               | 6483.61                               | -5.17         |
|           |         |           |             | 10/5/2006  | 1738              | 6477.74                               | 6483.35                               | -5.61         |
|           |         |           |             | 12/21/2006 | 1816              | 6480.24                               | 6483.32                               | -3.08         |
|           |         |           |             | 5/3/2007   | 1948              | 6478.56                               | 6483.01                               | -4.45         |
|           |         |           |             | 10/24/2007 | 2123              | 6478.35                               | 6482.86                               | -4.51         |
|           |         |           |             | 11/13/2007 | 2143              | 6479.44                               | 6482.85                               | -3.41         |
|           |         |           |             | 4/29/2008  | 2311              | 6479.41                               | 6483.35                               | -3.94         |
|           |         |           |             | 11/20/2008 | 2515              | 6479.13                               | 6483.48                               | -4.35         |
|           |         |           |             | 12/9/2008  | 2534              | 6480.24                               | 6483.48                               | -3.24         |
|           |         |           |             | 6/23/2009  | 2730              | 6478.84                               | 6483.32                               | -4.48         |
| 9/30/2009 | 2830    | 6478.74   | 6483.33     | -4.59      |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 888        | 479,334 | 1,542,285 | 1           | 12/11/2009 | 2901              | 6480.54                               | 6483.34                               | -2.80         |
|            |         |           |             | 12/14/2010 | 3270              | 6480.66                               | 6483.94                               | -3.28         |
|            |         |           |             | 12/15/2010 | 3271              | 6480.64                               | 6483.94                               | -3.30         |
|            |         |           |             | 11/3/2011  | 3594              | 6480.14                               | 6482.22                               | -2.08         |
|            |         |           |             | 12/7/2011  | 3627              | 6479.94                               | 6482.16                               | -2.22         |
|            |         |           |             | 5/30/2012  | 3802              | 6480.89                               | 6482.27                               | -1.38         |
|            |         |           |             | 11/20/2012 | 3977              | 6481.14                               | 6482.27                               | -1.13         |
|            |         |           |             | 3/20/2013  | 4096              | 6481.88                               | 6483.50                               | -1.62         |
|            |         |           |             | 12/13/2013 | 4365              | 6481.81                               | 6484.84                               | -3.03         |
|            |         |           |             | 3/25/2015  | 4832              | 6482.59                               | 6488.39                               | -5.80         |
|            |         |           |             | 12/1/2015  | 5082              | 6484.57                               | 6489.99                               | -5.42         |
|            |         |           |             | 2/10/2016  | 5153              | 6484.00                               | 6488.49                               | -4.49         |
|            |         |           |             | 12/13/2016 | 5460              | 6481.81                               | 6487.25                               | -5.44         |
|            |         |           |             | 3/29/2017  | 5567              | 6482.22                               | 6485.92                               | -3.70         |
|            |         |           |             | 10/7/2017  | 5758              | 6480.94                               | 6484.53                               | -3.59         |
|            |         |           |             | 12/6/2017  | 5818              | 6480.04                               | 6484.24                               | -4.20         |
|            |         |           |             | 2/6/2018   | 5880              | 6476.70                               | 6483.91                               | -7.21         |
|            |         |           |             | 12/27/2018 | 6204              | 6479.76                               | 6483.59                               | -3.83         |
|            |         |           |             | 2/8/2019   | 6247              | 6480.68                               | 6482.53                               | -1.85         |
| 12/19/2019 | 6561    | 6479.73   | 6480.57     | -0.84      |                   |                                       |                                       |               |
| 889        | 480,222 | 1,540,047 | 1           | 12/1/2015  | 5082              | 6485.78                               | 6487.01                               | -1.23         |
|            |         |           |             | 12/6/2017  | 5818              | 6482.47                               | 6487.46                               | -4.99         |
|            |         |           |             | 12/6/2018  | 6183              | 6501.81                               | 6486.60                               | 15.21         |
|            |         |           |             | 12/19/2019 | 6561              | 6483.63                               | 6485.82                               | -2.19         |
| 890        | 480,088 | 1,541,365 | 1           | 4/16/2010  | 3027              | 6484.18                               | 6487.80                               | -3.62         |
|            |         |           |             | 5/19/2010  | 3061              | 6484.03                               | 6487.96                               | -3.93         |
|            |         |           |             | 6/15/2010  | 3088              | 6482.87                               | 6488.09                               | -5.22         |
|            |         |           |             | 12/15/2010 | 3271              | 6480.63                               | 6488.74                               | -8.11         |
|            |         |           |             | 7/30/2014  | 4594              | 6483.13                               | 6491.43                               | -8.30         |
|            |         |           |             | 4/23/2015  | 4860              | 6472.55                               | 6494.95                               | -22.40        |
|            |         |           |             | 5/6/2015   | 4873              | 6472.72                               | 6495.09                               | -22.37        |
|            |         |           |             | 6/17/2015  | 4915              | 6472.98                               | 6495.50                               | -22.52        |
|            |         |           |             | 2/19/2016  | 5163              | 6490.11                               | 6495.30                               | -5.19         |
|            |         |           |             | 10/22/2016 | 5409              | 6482.53                               | 6494.64                               | -12.11        |
|            |         |           |             | 7/12/2017  | 5672              | 6483.23                               | 6491.18                               | -7.95         |
|            |         |           |             | 12/14/2017 | 5826              | 6483.30                               | 6490.22                               | -6.92         |
|            |         |           |             | 2/13/2018  | 5887              | 6483.45                               | 6490.18                               | -6.73         |
|            |         |           |             | 6/22/2018  | 6017              | 6486.51                               | 6490.24                               | -3.73         |
| 8/29/2018  | 6084    | 6484.10   | 6490.22     | -6.12      |                   |                                       |                                       |               |
| 1/29/2019  | 6237    | 6481.94   | 6489.88     | -7.94      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID  | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|          |         |           |             | 2/22/2019  | 6261              | 6485.93                               | 6489.67                               | -3.74         |
|          |         |           |             | 2/26/2019  | 6265              | 6485.81                               | 6489.64                               | -3.83         |
|          |         |           |             | 3/26/2019  | 6293              | 6485.37                               | 6489.46                               | -4.09         |
|          |         |           |             | 5/29/2019  | 6357              | 6483.83                               | 6489.10                               | -5.27         |
|          |         |           |             | 6/25/2019  | 6384              | 6484.43                               | 6488.97                               | -4.54         |
|          |         |           |             | 7/30/2019  | 6419              | 6484.73                               | 6488.81                               | -4.08         |
|          |         |           |             | 10/1/2019  | 6482              | 6484.63                               | 6488.53                               | -3.90         |
|          |         |           |             | 10/29/2019 | 6510              | 6484.53                               | 6488.42                               | -3.89         |
| 891      | 493,751 | 1,540,904 | 1           | 12/20/2002 | 354               | 6548.51                               | 6547.75                               | 0.76          |
|          |         |           |             | 2/17/2004  | 778               | 6549.53                               | 6547.71                               | 1.82          |
|          |         |           |             | 2/22/2005  | 1148              | 6548.44                               | 6547.56                               | 0.88          |
|          |         |           |             | 5/3/2007   | 1949              | 6546.38                               | 6547.33                               | -0.95         |
|          |         |           |             | 7/28/2009  | 2766              | 6545.46                               | 6547.35                               | -1.89         |
|          |         |           |             | 2/15/2011  | 3332              | 6545.21                               | 6547.34                               | -2.13         |
|          |         |           |             | 5/24/2012  | 3796              | 6546.51                               | 6547.33                               | -0.82         |
|          |         |           |             | 2/20/2013  | 4069              | 6546.56                               | 6547.27                               | -0.71         |
|          |         |           |             | 4/26/2017  | 5594              | 6545.63                               | 6546.70                               | -1.07         |
|          |         |           |             | 2/8/2018   | 5883              | 6542.62                               | 6546.29                               | -3.67         |
|          |         |           |             | 3/28/2019  | 6295              | 6544.31                               | 6545.46                               | -1.15         |
| 892      | 494,317 | 1,540,954 | 1           | 12/20/2002 | 354               | 6543.25                               | 6456.05                               | 87.20         |
|          |         |           |             | 12/1/2015  | 5082              | 6546.91                               | 6519.27                               | 27.64         |
|          |         |           |             | 12/13/2016 | 5460              | 6546.69                               | 6511.88                               | 34.81         |
|          |         |           |             | 12/6/2017  | 5818              | 6545.16                               | 6508.46                               | 36.70         |
|          |         |           |             | 12/6/2018  | 6183              | 6545.96                               | 6507.37                               | 38.59         |
|          |         |           |             | 12/19/2019 | 6561              | 6544.61                               | 6513.28                               | 31.33         |
|          |         |           |             | 10/4/2002  | 277               | 6486.95                               | 6493.53                               | -6.58         |
|          |         |           |             | 12/19/2003 | 718               | 6489.66                               | 6493.41                               | -3.75         |
|          |         |           |             | 1/6/2004   | 736               | 6489.77                               | 6493.35                               | -3.58         |
|          |         |           |             | 10/5/2004  | 1009              | 6486.01                               | 6492.64                               | -6.63         |
|          |         |           |             | 12/11/2004 | 1076              | 6488.95                               | 6492.53                               | -3.58         |
|          |         |           |             | 11/16/2005 | 1416              | 6487.57                               | 6493.36                               | -5.79         |
|          |         |           |             | 12/3/2005  | 1432              | 6488.16                               | 6493.40                               | -5.24         |
|          |         |           |             | 10/3/2006  | 1737              | 6484.27                               | 6494.46                               | -10.19        |
|          |         |           |             | 12/21/2006 | 1816              | 6490.37                               | 6494.73                               | -4.36         |
|          |         |           |             | 9/27/2007  | 2096              | 6490.07                               | 6495.13                               | -5.06         |
|          |         |           |             | 11/13/2007 | 2143              | 6490.98                               | 6495.17                               | -4.19         |
|          |         |           |             | 11/19/2008 | 2515              | 6490.11                               | 6495.50                               | -5.39         |
|          |         |           |             | 12/9/2008  | 2534              | 6491.77                               | 6495.51                               | -3.74         |
|          |         |           |             | 12/11/2009 | 2902              | 6493.07                               | 6496.14                               | -3.07         |
| 3/4/2010 | 2985    | 6493.57   | 6496.65     | -3.08      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 893        | 482,244 | 1,541,934 | 1           | 12/15/2010 | 3271              | 6493.37                               | 6497.79                               | -4.42         |
|            |         |           |             | 2/19/2011  | 3337              | 6493.73                               | 6497.72                               | -3.99         |
|            |         |           |             | 5/12/2011  | 3418              | 6493.39                               | 6497.53                               | -4.14         |
|            |         |           |             | 7/20/2011  | 3487              | 6491.33                               | 6497.40                               | -6.07         |
|            |         |           |             | 10/14/2011 | 3573              | 6491.59                               | 6497.26                               | -5.67         |
|            |         |           |             | 12/7/2011  | 3627              | 6492.32                               | 6497.18                               | -4.86         |
|            |         |           |             | 3/7/2012   | 3719              | 6493.46                               | 6497.22                               | -3.76         |
|            |         |           |             | 7/28/2012  | 3861              | 6494.24                               | 6497.29                               | -3.05         |
|            |         |           |             | 11/2/2012  | 3959              | 6493.64                               | 6497.34                               | -3.70         |
|            |         |           |             | 11/20/2012 | 3977              | 6493.61                               | 6497.35                               | -3.74         |
|            |         |           |             | 2/12/2013  | 4061              | 6495.39                               | 6497.44                               | -2.05         |
|            |         |           |             | 8/9/2013   | 4238              | 6494.62                               | 6498.37                               | -3.75         |
|            |         |           |             | 12/13/2013 | 4364              | 6496.79                               | 6499.14                               | -2.35         |
|            |         |           |             | 2/12/2014  | 4425              | 6493.99                               | 6499.54                               | -5.55         |
|            |         |           |             | 8/27/2014  | 4622              | 6495.33                               | 6500.41                               | -5.08         |
|            |         |           |             | 3/13/2015  | 4820              | 6494.65                               | 6501.26                               | -6.61         |
|            |         |           |             | 12/1/2015  | 5082              | 6496.94                               | 6502.42                               | -5.48         |
|            |         |           |             | 2/20/2016  | 5163              | 6496.86                               | 6502.70                               | -5.84         |
|            |         |           |             | 12/13/2016 | 5460              | 6494.29                               | 6502.78                               | -8.49         |
|            |         |           |             | 3/15/2017  | 5553              | 6494.35                               | 6501.84                               | -7.49         |
|            |         |           |             | 12/6/2017  | 5818              | 6498.17                               | 6500.14                               | -1.97         |
| 2/6/2018   | 5880    | 6491.17   | 6500.26     | -9.09      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6497.86   | 6500.22     | -2.36      |                   |                                       |                                       |               |
| 2/8/2019   | 6247    | 6497.28   | 6500.12     | -2.84      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6494.12   | 6498.83     | -4.71      |                   |                                       |                                       |               |
| 894        | 478,317 | 1,541,976 | 1           | 10/3/2002  | 276               | 6474.17                               | 6476.04                               | -1.87         |
|            |         |           |             | 11/17/2005 | 1417              | 6473.89                               | 6474.80                               | -0.91         |
|            |         |           |             | 5/1/2010   | 3043              | 6474.25                               | 6471.37                               | 2.88          |
|            |         |           |             | 10/21/2010 | 3216              | 6473.88                               | 6471.69                               | 2.19          |
| 895        | 476,222 | 1,541,521 | 1           | 10/11/2002 | 284               | 6470.23                               | 6470.91                               | -0.68         |
|            |         |           |             | 1/7/2004   | 737               | 6470.58                               | 6471.17                               | -0.59         |
|            |         |           |             | 10/5/2004  | 1008              | 6468.85                               | 6470.52                               | -1.67         |
|            |         |           |             | 11/16/2005 | 1415              | 6467.06                               | 6469.07                               | -2.01         |
|            |         |           |             | 10/5/2006  | 1738              | 6465.00                               | 6467.70                               | -2.70         |
|            |         |           |             | 10/24/2007 | 2122              | 6465.04                               | 6466.61                               | -1.57         |
|            |         |           |             | 11/20/2008 | 2516              | 6464.33                               | 6465.80                               | -1.47         |
|            |         |           |             | 9/30/2009  | 2830              | 6465.44                               | 6465.32                               | 0.12          |
|            |         |           |             | 10/21/2010 | 3216              | 6467.35                               | 6465.34                               | 2.01          |
|            |         |           |             | 10/20/2012 | 3945              | 6466.71                               | 6464.91                               | 1.80          |
| 10/4/2017  | 5756    | 6468.24   | 6467.82     | 0.42       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 896        | 476,237 | 1,542,246 | 1           | 10/11/2002 | 284               | 6471.37                               | 6472.30                               | -0.93         |
|            |         |           |             | 1/7/2004   | 737               | 6471.70                               | 6472.71                               | -1.01         |
|            |         |           |             | 10/5/2004  | 1008              | 6470.06                               | 6472.16                               | -2.10         |
|            |         |           |             | 11/16/2005 | 1415              | 6468.17                               | 6470.48                               | -2.31         |
|            |         |           |             | 10/5/2006  | 1738              | 6466.21                               | 6469.04                               | -2.83         |
|            |         |           |             | 10/24/2007 | 2122              | 6466.21                               | 6467.88                               | -1.67         |
|            |         |           |             | 11/20/2008 | 2516              | 6465.52                               | 6467.07                               | -1.55         |
|            |         |           |             | 9/30/2009  | 2829              | 6466.47                               | 6466.58                               | -0.11         |
|            |         |           |             | 10/21/2010 | 3216              | 6468.31                               | 6466.53                               | 1.78          |
|            |         |           |             | 11/3/2011  | 3594              | 6466.58                               | 6466.38                               | 0.20          |
|            |         |           |             | 11/3/2011  | 3594              | 6467.82                               | 6466.38                               | 1.44          |
|            |         |           |             | 10/20/2012 | 3945              | 6467.68                               | 6466.08                               | 1.60          |
| 10/4/2017  | 5756    | 6469.01   | 6469.05     | -0.04      |                   |                                       |                                       |               |
| 897        | 478,237 | 1,543,819 | 1           | 12/1/2015  | 5082              | 6482.84                               | 6475.29                               | 7.55          |
|            |         |           |             | 12/13/2016 | 5460              | 6481.14                               | 6464.25                               | 16.89         |
|            |         |           |             | 12/6/2017  | 5818              | 6480.95                               | 6457.57                               | 23.38         |
|            |         |           |             | 12/6/2018  | 6183              | 6483.17                               | 6453.21                               | 29.96         |
|            |         |           |             | 12/19/2019 | 6561              | 6481.91                               | 6455.65                               | 26.26         |
| 899        | 477,288 | 1,543,801 | 1           | 10/11/2002 | 284               | 6472.78                               | 6474.05                               | -1.27         |
|            |         |           |             | 1/7/2004   | 737               | 6473.34                               | 6474.66                               | -1.32         |
|            |         |           |             | 10/5/2004  | 1008              | 6471.38                               | 6474.18                               | -2.80         |
|            |         |           |             | 11/16/2005 | 1415              | 6469.09                               | 6471.92                               | -2.83         |
|            |         |           |             | 10/5/2006  | 1738              | 6467.14                               | 6470.43                               | -3.29         |
|            |         |           |             | 10/24/2007 | 2122              | 6467.00                               | 6469.21                               | -2.21         |
|            |         |           |             | 6/3/2008   | 2346              | 6468.54                               | 6468.69                               | -0.15         |
|            |         |           |             | 6/23/2009  | 2731              | 6468.04                               | 6468.00                               | 0.04          |
|            |         |           |             | 9/17/2009  | 2817              | 6467.06                               | 6467.88                               | -0.82         |
|            |         |           |             | 10/21/2010 | 3216              | 6469.12                               | 6467.74                               | 1.38          |
|            |         |           |             | 10/20/2012 | 3945              | 6468.38                               | 6467.28                               | 1.10          |
|            |         |           |             | 6/10/2015  | 4909              | 6472.94                               | 6469.67                               | 3.27          |
|            |         |           |             | 10/4/2017  | 5756              | 6469.84                               | 6470.35                               | -0.51         |
|            |         |           |             | 1/11/2018  | 5854              | 6471.24                               | 6470.07                               | 1.17          |
|            |         |           |             | 4/4/2018   | 5937              | 6471.73                               | 6469.85                               | 1.88          |
|            |         |           |             | 6/29/2018  | 6023              | 6470.86                               | 6469.65                               | 1.21          |
|            |         |           |             | 11/29/2018 | 6177              | 6471.03                               | 6469.35                               | 1.68          |
|            |         |           |             | 1/9/2019   | 6217              | 6470.02                               | 6469.28                               | 0.74          |
| 4/4/2019   | 6302    | 6470.25   | 6469.03     | 1.22       |                   |                                       |                                       |               |
| 7/9/2019   | 6399    | 6469.34   | 6468.71     | 0.63       |                   |                                       |                                       |               |
| 10/15/2019 | 6496    | 6469.52   | 6468.37     | 1.15       |                   |                                       |                                       |               |
| 905        | 480,850 | 1,532,700 | 1           | 10/21/2010 | 3215              | 6442.75                               | 6440.34                               | 2.41          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 908        | 483,500 | 1,532,100 | 1           | 5/10/2012  | 3782              | 6443.00                               | 6439.93                               | 3.07          |
| 909        | 483,400 | 1,531,900 | 1           | 5/20/2005  | 1236              | 6448.68                               | 6443.86                               | 4.82          |
|            |         |           |             | 11/14/2006 | 1779              | 6448.68                               | 6444.03                               | 4.65          |
|            |         |           |             | 5/9/2007   | 1955              | 6445.90                               | 6444.06                               | 1.84          |
|            |         |           |             | 11/21/2007 | 2151              | 6446.30                               | 6444.08                               | 2.22          |
|            |         |           |             | 5/8/2009   | 2685              | 6446.70                               | 6443.84                               | 2.86          |
|            |         |           |             | 10/21/2010 | 3215              | 6446.90                               | 6445.08                               | 1.82          |
|            |         |           |             | 5/10/2012  | 3782              | 6446.95                               | 6448.65                               | -1.70         |
| 914        | 500,850 | 1,555,512 | 1           | 5/10/2002  | 129               | 6600.24                               | 6600.17                               | 0.07          |
|            |         |           |             | 5/16/2003  | 501               | 6600.23                               | 6600.17                               | 0.06          |
|            |         |           |             | 5/18/2004  | 869               | 6599.79                               | 6600.18                               | -0.39         |
|            |         |           |             | 5/17/2005  | 1233              | 6599.57                               | 6600.20                               | -0.63         |
|            |         |           |             | 5/9/2007   | 1954              | 6598.65                               | 6600.27                               | -1.62         |
|            |         |           |             | 5/7/2008   | 2319              | 6598.35                               | 6600.29                               | -1.94         |
|            |         |           |             | 5/7/2009   | 2684              | 6597.78                               | 6600.29                               | -2.51         |
|            |         |           |             | 2/15/2018  | 5890              | 6594.27                               | 6600.47                               | -6.20         |
| 2/21/2019  | 6260    | 6593.75   | 6600.45     | -6.70      |                   |                                       |                                       |               |
| 921        | 495,800 | 1,555,400 | 1           | 5/9/2002   | 129               | 6583.67                               | 6582.89                               | 0.78          |
|            |         |           |             | 5/16/2003  | 501               | 6583.72                               | 6582.89                               | 0.83          |
|            |         |           |             | 5/18/2004  | 869               | 6584.08                               | 6582.90                               | 1.18          |
|            |         |           |             | 5/17/2005  | 1232              | 6583.53                               | 6582.92                               | 0.61          |
|            |         |           |             | 5/8/2007   | 1954              | 6583.30                               | 6583.01                               | 0.29          |
|            |         |           |             | 5/7/2008   | 2319              | 6583.27                               | 6583.07                               | 0.20          |
|            |         |           |             | 5/7/2009   | 2684              | 6583.05                               | 6583.12                               | -0.07         |
|            |         |           |             | 12/14/2010 | 3269              | 6582.74                               | 6583.26                               | -0.52         |
|            |         |           |             | 8/18/2011  | 3516              | 6582.60                               | 6583.32                               | -0.72         |
|            |         |           |             | 10/18/2012 | 3943              | 6582.20                               | 6583.38                               | -1.18         |
|            |         |           |             | 10/8/2014  | 4664              | 6582.46                               | 6583.52                               | -1.06         |
|            |         |           |             | 10/23/2014 | 4679              | 6582.47                               | 6583.52                               | -1.05         |
|            |         |           |             | 12/12/2017 | 5825              | 6581.64                               | 6583.91                               | -2.27         |
|            |         |           |             | 2/7/2018   | 5882              | 6579.77                               | 6583.92                               | -4.15         |
| 2/7/2018   | 5882    | 6579.77   | 6583.92     | -4.15      |                   |                                       |                                       |               |
| 11/30/2018 | 6177    | 6583.08   | 6583.97     | -0.89      |                   |                                       |                                       |               |
| 2/5/2019   | 6245    | 6583.31   | 6583.98     | -0.67      |                   |                                       |                                       |               |
| 922        | 492,500 | 1,555,200 | 1           | 5/9/2002   | 129               | 6567.72                               | 6571.16                               | -3.44         |
|            |         |           |             | 5/16/2003  | 500               | 6568.00                               | 6571.17                               | -3.17         |
|            |         |           |             | 5/18/2004  | 869               | 6568.26                               | 6571.18                               | -2.92         |
|            |         |           |             | 5/17/2005  | 1232              | 6568.49                               | 6571.20                               | -2.71         |
|            |         |           |             | 5/8/2007   | 1954              | 6568.96                               | 6571.29                               | -2.33         |
|            |         |           |             | 5/7/2008   | 2319              | 6569.10                               | 6571.34                               | -2.24         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 8/18/2011  | 3516              | 6569.60                               | 6571.59                               | -1.99         |
|            |         |           |             | 10/18/2012 | 3943              | 6569.85                               | 6571.67                               | -1.82         |
|            |         |           |             | 2/10/2018  | 5885              | 6568.80                               | 6572.34                               | -3.54         |
|            |         |           |             | 2/20/2018  | 5895              | 6568.80                               | 6572.34                               | -3.54         |
|            |         |           |             | 2/13/2019  | 6253              | 6572.19                               | 6572.43                               | -0.24         |
| 935        | 476,629 | 1,540,115 | 1           | 10/10/2002 | 283               | 6467.44                               | 6467.85                               | -0.41         |
|            |         |           |             | 9/19/2003  | 627               | 6465.62                               | 6467.74                               | -2.12         |
|            |         |           |             | 5/7/2004   | 857               | 6466.84                               | 6467.25                               | -0.41         |
|            |         |           |             | 10/6/2004  | 1010              | 6465.41                               | 6466.86                               | -1.45         |
|            |         |           |             | 11/19/2005 | 1419              | 6464.02                               | 6465.74                               | -1.72         |
|            |         |           |             | 10/5/2006  | 1739              | 6461.52                               | 6464.66                               | -3.14         |
|            |         |           |             | 10/3/2007  | 2102              | 6461.58                               | 6463.78                               | -2.20         |
|            |         |           |             | 11/25/2008 | 2521              | 6460.21                               | 6462.84                               | -2.63         |
|            |         |           |             | 10/21/2009 | 2851              | 6462.52                               | 6462.37                               | 0.15          |
|            |         |           |             | 10/14/2010 | 3209              | 6463.63                               | 6462.49                               | 1.14          |
|            |         |           |             | 11/16/2011 | 3607              | 6463.28                               | 6462.48                               | 0.80          |
|            |         |           |             | 10/20/2012 | 3946              | 6463.44                               | 6462.15                               | 1.29          |
|            |         |           |             | 12/12/2013 | 4364              | 6466.28                               | 6462.64                               | 3.64          |
|            |         |           |             | 10/14/2015 | 5035              | 6469.44                               | 6465.24                               | 4.20          |
|            |         |           |             | 5/8/2018   | 5972              | 6463.24                               | 6464.37                               | -1.13         |
|            |         |           |             | 5/8/2019   | 6336              | 6466.02                               | 6463.56                               | 2.46          |
|            |         |           |             |            |                   |                                       |                                       | 4/3/2002      |
| 5/3/2002   | 122     | 6466.10   | 6464.33     |            |                   |                                       |                                       | 1.77          |
| 6/7/2002   | 158     | 6465.90   | 6464.32     |            |                   |                                       |                                       | 1.58          |
| 7/10/2002  | 190     | 6465.65   | 6464.31     |            |                   |                                       |                                       | 1.34          |
| 8/13/2002  | 225     | 6465.30   | 6464.29     |            |                   |                                       |                                       | 1.01          |
| 9/19/2002  | 261     | 6465.22   | 6464.28     |            |                   |                                       |                                       | 0.94          |
| 10/17/2002 | 289     | 6464.96   | 6464.26     |            |                   |                                       |                                       | 0.70          |
| 11/14/2002 | 317     | 6464.53   | 6464.25     |            |                   |                                       |                                       | 0.28          |
| 3/26/2003  | 449     | 6466.45   | 6464.10     |            |                   |                                       |                                       | 2.35          |
| 4/22/2003  | 477     | 6466.46   | 6464.07     |            |                   |                                       |                                       | 2.39          |
| 5/15/2003  | 499     | 6465.93   | 6464.04     |            |                   |                                       |                                       | 1.89          |
| 6/25/2003  | 540     | 6465.15   | 6464.00     |            |                   |                                       |                                       | 1.15          |
| 7/18/2003  | 563     | 6464.77   | 6463.98     |            |                   |                                       |                                       | 0.79          |
| 8/13/2003  | 589     | 6464.64   | 6463.95     |            |                   |                                       |                                       | 0.69          |
| 9/17/2003  | 624     | 6464.30   | 6463.92     |            |                   |                                       |                                       | 0.38          |
| 10/28/2003 | 665     | 6464.10   | 6463.89     |            |                   |                                       |                                       | 0.21          |
| 12/3/2003  | 701     | 6464.48   | 6463.86     |            |                   |                                       |                                       | 0.62          |
| 3/20/2004  | 810     | 6465.35   | 6463.57     |            |                   |                                       |                                       | 1.78          |
| 4/20/2004  | 840     | 6464.87   | 6463.47     |            |                   |                                       |                                       | 1.40          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 994        | 476,240 | 1,539,700 | 1           | 5/18/2004  | 868               | 6464.35                               | 6463.38                               | 0.97          |
|            |         |           |             | 6/22/2004  | 903               | 6463.89                               | 6463.27                               | 0.62          |
|            |         |           |             | 7/20/2004  | 931               | 6463.54                               | 6463.19                               | 0.35          |
|            |         |           |             | 8/20/2004  | 962               | 6463.20                               | 6463.10                               | 0.10          |
|            |         |           |             | 9/21/2004  | 994               | 6462.83                               | 6463.01                               | -0.18         |
|            |         |           |             | 10/21/2004 | 1024              | 6462.73                               | 6462.93                               | -0.20         |
|            |         |           |             | 3/23/2005  | 1177              | 6463.90                               | 6462.49                               | 1.41          |
|            |         |           |             | 4/20/2005  | 1205              | 6463.20                               | 6462.39                               | 0.81          |
|            |         |           |             | 5/21/2005  | 1236              | 6463.55                               | 6462.29                               | 1.26          |
|            |         |           |             | 6/22/2005  | 1268              | 6463.00                               | 6462.19                               | 0.81          |
|            |         |           |             | 7/23/2005  | 1299              | 6462.65                               | 6462.11                               | 0.54          |
|            |         |           |             | 8/23/2005  | 1330              | 6462.40                               | 6462.02                               | 0.38          |
|            |         |           |             | 9/23/2005  | 1361              | 6461.89                               | 6461.94                               | -0.05         |
|            |         |           |             | 10/25/2005 | 1394              | 6461.70                               | 6461.85                               | -0.15         |
|            |         |           |             | 3/16/2006  | 1535              | 6462.25                               | 6461.47                               | 0.78          |
|            |         |           |             | 4/13/2006  | 1564              | 6462.26                               | 6461.37                               | 0.89          |
|            |         |           |             | 5/16/2006  | 1596              | 6461.65                               | 6461.25                               | 0.40          |
|            |         |           |             | 6/20/2006  | 1631              | 6461.28                               | 6461.13                               | 0.15          |
|            |         |           |             | 7/18/2006  | 1659              | 6461.03                               | 6461.03                               | 0.00          |
|            |         |           |             | 8/16/2006  | 1688              | 6460.73                               | 6460.93                               | -0.20         |
|            |         |           |             | 9/16/2006  | 1719              | 6460.25                               | 6460.83                               | -0.58         |
|            |         |           |             | 10/18/2006 | 1751              | 6459.95                               | 6460.72                               | -0.77         |
|            |         |           |             | 10/25/2006 | 1758              | 6460.00                               | 6460.70                               | -0.70         |
|            |         |           |             | 3/22/2007  | 1907              | 6460.00                               | 6460.27                               | -0.27         |
|            |         |           |             | 4/21/2007  | 1937              | 6459.96                               | 6460.20                               | -0.24         |
|            |         |           |             | 5/22/2007  | 1967              | 6459.72                               | 6460.12                               | -0.40         |
|            |         |           |             | 6/26/2007  | 2002              | 6459.37                               | 6460.04                               | -0.67         |
|            |         |           |             | 7/17/2007  | 2023              | 6459.27                               | 6459.98                               | -0.71         |
|            |         |           |             | 8/18/2007  | 2055              | 6459.02                               | 6459.90                               | -0.88         |
|            |         |           |             | 9/20/2007  | 2088              | 6458.77                               | 6459.82                               | -1.05         |
|            |         |           |             | 10/23/2007 | 2121              | 6458.76                               | 6459.73                               | -0.97         |
|            |         |           |             | 11/9/2007  | 2138              | 6458.73                               | 6459.69                               | -0.96         |
| 3/27/2008  | 2277    | 6460.17   | 6459.30     | 0.87       |                   |                                       |                                       |               |
| 4/23/2008  | 2304    | 6460.23   | 6459.22     | 1.01       |                   |                                       |                                       |               |
| 5/17/2008  | 2328    | 6460.07   | 6459.15     | 0.92       |                   |                                       |                                       |               |
| 6/17/2008  | 2359    | 6459.60   | 6459.07     | 0.53       |                   |                                       |                                       |               |
| 7/16/2008  | 2388    | 6459.67   | 6458.99     | 0.68       |                   |                                       |                                       |               |
| 9/18/2008  | 2452    | 6459.41   | 6458.82     | 0.59       |                   |                                       |                                       |               |
| 10/16/2008 | 2480    | 6459.12   | 6458.75     | 0.37       |                   |                                       |                                       |               |
| 11/15/2008 | 2510    | 6458.80   | 6458.67     | 0.13       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 4/4/2009   | 2651              | 6459.55                               | 6458.37                               | 1.18          |
|         |         |          |             | 5/5/2009   | 2681              | 6460.38                               | 6458.32                               | 2.06          |
|         |         |          |             | 6/4/2009   | 2711              | 6460.42                               | 6458.26                               | 2.16          |
|         |         |          |             | 7/3/2009   | 2740              | 6460.30                               | 6458.21                               | 2.09          |
|         |         |          |             | 8/5/2009   | 2773              | 6459.80                               | 6458.15                               | 1.65          |
|         |         |          |             | 10/3/2009  | 2832              | 6460.10                               | 6458.04                               | 2.06          |
|         |         |          |             | 3/23/2010  | 3004              | 6461.22                               | 6457.85                               | 3.37          |
|         |         |          |             | 4/23/2010  | 3034              | 6461.14                               | 6457.86                               | 3.28          |
|         |         |          |             | 5/22/2010  | 3063              | 6461.19                               | 6457.86                               | 3.33          |
|         |         |          |             | 6/22/2010  | 3094              | 6461.04                               | 6457.87                               | 3.17          |
|         |         |          |             | 7/20/2010  | 3122              | 6461.00                               | 6457.88                               | 3.12          |
|         |         |          |             | 8/17/2010  | 3150              | 6460.60                               | 6457.88                               | 2.72          |
|         |         |          |             | 9/24/2010  | 3188              | 6461.10                               | 6457.90                               | 3.20          |
|         |         |          |             | 10/22/2010 | 3216              | 6461.63                               | 6457.91                               | 3.72          |
|         |         |          |             | 3/29/2011  | 3375              | 6462.00                               | 6457.96                               | 4.04          |
|         |         |          |             | 4/20/2011  | 3396              | 6461.85                               | 6457.95                               | 3.90          |
|         |         |          |             | 5/26/2011  | 3432              | 6461.77                               | 6457.95                               | 3.82          |
|         |         |          |             | 6/24/2011  | 3461              | 6461.75                               | 6457.94                               | 3.81          |
|         |         |          |             | 7/20/2011  | 3487              | 6461.42                               | 6457.93                               | 3.49          |
|         |         |          |             | 8/24/2011  | 3522              | 6461.75                               | 6457.91                               | 3.84          |
|         |         |          |             | 9/20/2011  | 3549              | 6462.22                               | 6457.89                               | 4.33          |
|         |         |          |             | 10/19/2011 | 3578              | 6461.78                               | 6457.88                               | 3.90          |
|         |         |          |             | 4/3/2012   | 3745              | 6461.39                               | 6457.72                               | 3.67          |
|         |         |          |             | 5/3/2012   | 3775              | 6460.96                               | 6457.68                               | 3.28          |
|         |         |          |             | 6/7/2012   | 3810              | 6460.74                               | 6457.64                               | 3.10          |
|         |         |          |             | 7/3/2012   | 3836              | 6460.83                               | 6457.61                               | 3.22          |
|         |         |          |             | 8/4/2012   | 3868              | 6461.30                               | 6457.58                               | 3.72          |
|         |         |          |             | 9/7/2012   | 3902              | 6461.67                               | 6457.54                               | 4.13          |
|         |         |          |             | 10/2/2012  | 3927              | 6461.82                               | 6457.51                               | 4.31          |
|         |         |          |             | 4/5/2013   | 4112              | 6462.31                               | 6457.43                               | 4.88          |
|         |         |          |             | 5/8/2013   | 4145              | 6462.49                               | 6457.44                               | 5.05          |
|         |         |          |             | 6/13/2013  | 4181              | 6462.32                               | 6457.45                               | 4.87          |
|         |         |          |             | 7/11/2013  | 4209              | 6462.47                               | 6457.48                               | 4.99          |
|         |         |          |             | 10/31/2013 | 4321              | 6463.82                               | 6457.65                               | 6.17          |
|         |         |          |             | 4/11/2014  | 4483              | 6462.82                               | 6457.95                               | 4.87          |
|         |         |          |             | 5/6/2014   | 4508              | 6462.80                               | 6458.00                               | 4.80          |
|         |         |          |             | 10/2/2014  | 4657              | 6466.45                               | 6458.41                               | 8.04          |
|         |         |          |             | 4/10/2015  | 4847              | 6464.70                               | 6459.02                               | 5.68          |
|         |         |          |             | 8/29/2015  | 4988              | 6466.32                               | 6459.57                               | 6.75          |
|         |         |          |             | 10/20/2015 | 5040              | 6467.84                               | 6459.80                               | 8.04          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 8/25/2017  | 5715              | 6463.15                               | 6459.96                               | 3.19          |
|           |         |           |             | 10/28/2017 | 5779              | 6462.85                               | 6459.80                               | 3.05          |
|           |         |           |             | 4/3/2018   | 5937              | 6461.66                               | 6459.39                               | 2.27          |
|           |         |           |             | 5/9/2018   | 5972              | 6458.69                               | 6459.31                               | -0.62         |
|           |         |           |             | 11/29/2018 | 6176              | 6464.18                               | 6458.94                               | 5.24          |
|           |         |           |             | 4/17/2019  | 6315              | 6461.45                               | 6458.66                               | 2.79          |
|           |         |           |             | 5/31/2019  | 6359              | 6461.10                               | 6458.55                               | 2.55          |
| 1A        | 493,768 | 1,543,790 | 1           | 4/10/2002  | 99                | 6542.89                               | 6562.53                               | -19.64        |
|           |         |           |             | 3/11/2003  | 434               | 6543.13                               | 6562.58                               | -19.45        |
|           |         |           |             | 12/5/2007  | 2164              | 6544.34                               | 6562.88                               | -18.54        |
|           |         |           |             | 11/5/2008  | 2500              | 6544.13                               | 6563.00                               | -18.87        |
|           |         |           |             | 4/17/2012  | 3760              | 6544.24                               | 6557.84                               | -13.60        |
|           |         |           |             | 9/20/2017  | 5742              | 6545.63                               | 6552.90                               | -7.27         |
|           |         |           |             | 4/5/2018   | 5938              | 6548.14                               | 6552.11                               | -3.97         |
| 4/3/2019  | 6301    | 6547.92   | 6550.68     | -2.76      |                   |                                       |                                       |               |
| 1C        | 494,799 | 1,545,018 | 1           | 12/1/2015  | 5082              | 6546.66                               | 6553.51                               | -6.85         |
|           |         |           |             | 12/14/2016 | 5461              | 6547.27                               | 6553.43                               | -6.16         |
|           |         |           |             | 12/6/2017  | 5818              | 6547.61                               | 6553.25                               | -5.64         |
|           |         |           |             | 12/6/2018  | 6183              | 6550.46                               | 6552.92                               | -2.46         |
|           |         |           |             | 12/19/2019 | 6561              | 6550.49                               | 6552.53                               | -2.04         |
| 1D        | 494,752 | 1,544,142 | 1           | 12/20/2002 | 354               | 6554.54                               | 6558.30                               | -3.76         |
|           |         |           |             | 12/4/2005  | 1434              | 6557.35                               | 6558.82                               | -1.47         |
| 1E        | 494,116 | 1,544,481 | 1           | 4/17/2012  | 3760              | 6545.41                               | 6556.73                               | -11.32        |
|           |         |           |             | 9/20/2017  | 5742              | 6547.21                               | 6553.13                               | -5.92         |
| 1F        | 493,831 | 1,544,952 | 1           | 10/10/2002 | 283               | 6540.98                               | 6555.15                               | -14.17        |
|           |         |           |             | 1/9/2004   | 739               | 6541.11                               | 6555.43                               | -14.32        |
|           |         |           |             | 9/28/2004  | 1002              | 6541.19                               | 6555.63                               | -14.44        |
|           |         |           |             | 12/11/2005 | 1440              | 6541.42                               | 6556.36                               | -14.94        |
|           |         |           |             | 12/5/2007  | 2165              | 6543.58                               | 6556.99                               | -13.41        |
|           |         |           |             | 11/6/2008  | 2501              | 6543.55                               | 6557.20                               | -13.65        |
|           |         |           |             | 4/17/2012  | 3759              | 6544.62                               | 6554.83                               | -10.21        |
|           |         |           |             | 9/30/2016  | 5386              | 6546.66                               | 6553.24                               | -6.58         |
|           |         |           |             | 9/20/2017  | 5741              | 6546.78                               | 6552.62                               | -5.84         |
|           |         |           |             | 2/14/2018  | 5888              | 6548.43                               | 6552.30                               | -3.87         |
| 10/1/2019 | 6483    | 6548.41   | 6550.88     | -2.47      |                   |                                       |                                       |               |
| 1G        | 494,170 | 1,545,034 | 1           | 10/10/2002 | 283               | 6541.96                               | 6554.61                               | -12.65        |
|           |         |           |             | 1/9/2004   | 739               | 6542.06                               | 6554.76                               | -12.70        |
|           |         |           |             | 9/28/2004  | 1002              | 6542.06                               | 6554.88                               | -12.82        |
|           |         |           |             | 12/11/2006 | 1806              | 6544.01                               | 6556.64                               | -12.63        |
|           |         |           |             | 12/5/2007  | 2165              | 6544.23                               | 6556.57                               | -12.34        |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 11/5/2008  | 2501              | 6544.31                               | 6556.77                               | -12.46        |
|         |         |           |             | 11/12/2011 | 3602              | 6545.35                               | 6555.60                               | -10.25        |
|         |         |           |             | 11/15/2012 | 3972              | 6545.49                               | 6554.30                               | -8.81         |
| 1H      | 494,266 | 1,543,363 | 1           | 10/12/2002 | 285               | 6549.77                               | 6559.60                               | -9.83         |
|         |         |           |             | 1/9/2004   | 739               | 6529.59                               | 6559.75                               | -30.16        |
|         |         |           |             | 11/5/2008  | 2500              | 6529.51                               | 6560.72                               | -31.21        |
|         |         |           |             | 12/1/2015  | 5082              | 6554.16                               | 6555.23                               | -1.07         |
|         |         |           |             | 12/14/2016 | 5461              | 6529.14                               | 6554.57                               | -25.43        |
|         |         |           |             | 12/6/2017  | 5818              | 6529.19                               | 6553.68                               | -24.49        |
|         |         |           |             | 12/6/2018  | 6183              | 6530.99                               | 6552.62                               | -21.63        |
|         |         |           |             | 12/19/2019 | 6561              | 6555.74                               | 6551.56                               | 4.18          |
| 1I      | 493,928 | 1,542,627 | 1           | 12/20/2002 | 354               | 6563.02                               | 6553.74                               | 9.28          |
|         |         |           |             | 2/25/2003  | 420               | 6563.10                               | 6553.75                               | 9.35          |
|         |         |           |             | 2/18/2004  | 779               | 6560.70                               | 6553.96                               | 6.74          |
|         |         |           |             | 12/4/2005  | 1434              | 6561.55                               | 6554.90                               | 6.65          |
|         |         |           |             | 2/28/2008  | 2250              | 6561.59                               | 6556.07                               | 5.52          |
|         |         |           |             | 7/28/2009  | 2766              | 6561.67                               | 6556.32                               | 5.35          |
|         |         |           |             | 2/22/2011  | 3339              | 6561.89                               | 6556.70                               | 5.19          |
|         |         |           |             | 2/21/2013  | 4069              | 6561.90                               | 6555.31                               | 6.59          |
|         |         |           |             | 12/1/2015  | 5082              | 6561.80                               | 6553.79                               | 8.01          |
|         |         |           |             | 12/6/2017  | 5818              | 6562.49                               | 6552.41                               | 10.08         |
|         |         |           |             | 12/6/2018  | 6183              | 6548.55                               | 6549.18                               | -0.63         |
|         |         |           |             | 12/14/2019 | 6556              | 6548.55                               | 6534.02                               | 14.53         |
|         |         |           |             | 12/19/2019 | 6561              | 6563.90                               | 6533.82                               | 30.08         |
| 1J      | 493,695 | 1,541,986 | 1           | 10/12/2002 | 285               | 6549.59                               | 6550.69                               | -1.10         |
|         |         |           |             | 5/22/2003  | 506               | 6549.22                               | 6550.71                               | -1.49         |
|         |         |           |             | 2/18/2004  | 779               | 6549.28                               | 6550.81                               | -1.53         |
|         |         |           |             | 12/3/2005  | 1433              | 6548.20                               | 6551.28                               | -3.08         |
|         |         |           |             | 2/27/2008  | 2248              | 6546.49                               | 6552.35                               | -5.86         |
|         |         |           |             | 1/20/2009  | 2576              | 6544.90                               | 6552.51                               | -7.61         |
|         |         |           |             | 2/24/2009  | 2611              | 6544.79                               | 6552.53                               | -7.74         |
|         |         |           |             | 1/18/2011  | 3305              | 6545.12                               | 6552.85                               | -7.73         |
|         |         |           |             | 4/18/2012  | 3761              | 6545.80                               | 6552.51                               | -6.71         |
|         |         |           |             | 1/10/2019  | 6218              | 6546.98                               | 6548.32                               | -1.34         |
|         |         |           |             | 12/17/2019 | 6560              | 6544.90                               | 6547.55                               | -2.65         |
|         |         |           |             | 10/12/2002 | 285               | 6550.64                               | 6551.16                               | -0.52         |
|         |         |           |             | 5/22/2003  | 506               | 6549.95                               | 6551.18                               | -1.23         |
|         |         |           |             | 9/29/2004  | 1002              | 6548.57                               | 6551.54                               | -2.97         |
|         |         |           |             | 12/3/2005  | 1432              | 6548.75                               | 6551.71                               | -2.96         |
|         |         |           |             | 12/5/2007  | 2164              | 6547.19                               | 6552.85                               | -5.66         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 1K        | 493,275 | 1,541,992 | 1           | 8/6/2008   | 2409              | 6548.13                               | 6552.91                               | -4.78         |
|           |         |           |             | 12/4/2008  | 2529              | 6547.07                               | 6552.92                               | -5.85         |
|           |         |           |             | 2/24/2009  | 2611              | 6547.02                               | 6552.93                               | -5.91         |
|           |         |           |             | 11/15/2012 | 3971              | 6547.93                               | 6551.92                               | -3.99         |
|           |         |           |             | 3/23/2017  | 5560              | 6549.23                               | 6549.66                               | -0.43         |
|           |         |           |             | 4/5/2018   | 5938              | 6547.34                               | 6547.76                               | -0.42         |
|           |         |           |             | 4/3/2019   | 6302              | 6562.73                               | 6546.19                               | 16.54         |
| 1L        | 493,416 | 1,541,256 | 1           | 10/15/2002 | 287               | 6549.67                               | 6550.51                               | -0.84         |
|           |         |           |             | 1/9/2004   | 738               | 6550.13                               | 6550.47                               | -0.34         |
|           |         |           |             | 9/28/2004  | 1002              | 6549.85                               | 6550.37                               | -0.52         |
|           |         |           |             | 9/28/2004  | 1002              | 6549.85                               | 6550.37                               | -0.52         |
|           |         |           |             | 11/22/2005 | 1422              | 6549.61                               | 6549.97                               | -0.36         |
|           |         |           |             | 11/5/2008  | 2500              | 6548.05                               | 6550.06                               | -2.01         |
| 1M        | 493,133 | 1,541,327 | 1           | 10/15/2002 | 288               | 6553.87                               | 6551.78                               | 2.09          |
|           |         |           |             | 1/9/2004   | 738               | 6553.25                               | 6551.75                               | 1.50          |
|           |         |           |             | 9/29/2004  | 1002              | 6551.63                               | 6551.57                               | 0.06          |
|           |         |           |             | 12/3/2005  | 1432              | 6551.23                               | 6550.96                               | 0.27          |
|           |         |           |             | 9/25/2007  | 2094              | 6547.15                               | 6551.25                               | -4.10         |
|           |         |           |             | 11/5/2008  | 2500              | 6547.29                               | 6551.09                               | -3.80         |
|           |         |           |             | 11/10/2011 | 3601              | 6547.94                               | 6550.61                               | -2.67         |
|           |         |           |             | 11/15/2012 | 3971              | 6548.11                               | 6550.24                               | -2.13         |
|           |         |           |             | 9/30/2016  | 5386              | 6547.48                               | 6548.97                               | -1.49         |
|           |         |           |             | 3/23/2017  | 5561              | 6546.03                               | 6548.42                               | -2.39         |
|           |         |           |             | 2/13/2018  | 5888              | 6547.24                               | 6547.09                               | 0.15          |
|           |         |           |             | 2/20/2019  | 6260              | 6543.91                               | 6546.04                               | -2.13         |
| 1N        | 494,396 | 1,543,100 | 1           | 2/25/2003  | 420               | 6555.94                               | 6553.54                               | 2.40          |
|           |         |           |             | 2/18/2004  | 779               | 6554.67                               | 6553.85                               | 0.82          |
|           |         |           |             | 11/22/2005 | 1422              | 6554.83                               | 6559.18                               | -4.35         |
|           |         |           |             | 5/28/2008  | 2339              | 6556.00                               | 6559.77                               | -3.77         |
|           |         |           |             | 7/28/2009  | 2766              | 6555.64                               | 6559.83                               | -4.19         |
|           |         |           |             | 2/22/2011  | 3340              | 6559.94                               | 6560.05                               | -0.11         |
|           |         |           |             | 5/30/2012  | 3802              | 6559.94                               | 6558.83                               | 1.11          |
|           |         |           |             | 2/20/2013  | 4069              | 6561.35                               | 6553.89                               | 7.46          |
|           |         |           |             | 6/26/2014  | 4560              | 6560.09                               | 6516.95                               | 43.14         |
|           |         |           |             | 2/20/2015  | 4799              | 6559.84                               | 6520.58                               | 39.26         |
|           |         |           |             | 12/1/2015  | 5082              | 6559.45                               | 6541.98                               | 17.47         |
|           |         |           |             | 12/13/2016 | 5460              | 6558.25                               | 6530.83                               | 27.42         |
|           |         |           |             | 3/23/2017  | 5560              | 6558.10                               | 6523.93                               | 34.17         |
| 12/6/2017 | 5818    | 6557.24   | 6524.31     | 32.93      |                   |                                       |                                       |               |
| 2/8/2018  | 5883    | 6554.96   | 6520.65     | 34.31      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |     |         |         |       |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|-----|---------|---------|-------|
|            |         |           |             | 12/6/2018  | 6183              | 6559.03                               | 6520.74                               | 38.29         |     |         |         |       |
|            |         |           |             | 12/19/2019 | 6561              | 6558.94                               | 6524.94                               | 34.00         |     |         |         |       |
| 1O         | 494,175 | 1,542,592 | 1           | 12/20/2002 | 354               | 6550.32                               | 6480.96                               | 69.36         |     |         |         |       |
|            |         |           |             | 2/18/2004  | 779               | 6550.39                               | 6482.25                               | 68.14         |     |         |         |       |
|            |         |           |             | 11/22/2005 | 1422              | 6550.29                               | 6511.72                               | 38.57         |     |         |         |       |
|            |         |           |             | 5/28/2008  | 2340              | 6550.38                               | 6556.11                               | -5.73         |     |         |         |       |
|            |         |           |             | 7/28/2009  | 2766              | 6550.42                               | 6556.21                               | -5.79         |     |         |         |       |
|            |         |           |             | 2/22/2011  | 3340              | 6550.44                               | 6556.63                               | -6.19         |     |         |         |       |
|            |         |           |             | 5/30/2012  | 3802              | 6550.14                               | 6556.30                               | -6.16         |     |         |         |       |
|            |         |           |             | 2/20/2013  | 4069              | 6550.34                               | 6549.72                               | 0.62          |     |         |         |       |
|            |         |           |             | 12/1/2015  | 5082              | 6550.19                               | 6536.27                               | 13.92         |     |         |         |       |
|            |         |           |             | 12/13/2016 | 5460              | 6550.12                               | 6525.99                               | 24.13         |     |         |         |       |
|            |         |           |             | 12/6/2018  | 6183              | 6550.94                               | 6517.06                               | 33.88         |     |         |         |       |
|            |         |           |             | 12/19/2019 | 6561              | 6550.24                               | 6521.47                               | 28.77         |     |         |         |       |
|            |         |           |             | 1P         | 493,924           | 1,541,902                             | 1                                     | 12/20/2002    | 354 | 6548.30 | 6507.88 | 40.42 |
|            |         |           |             |            |                   |                                       |                                       | 2/25/2003     | 420 | 6548.33 | 6506.97 | 41.36 |
| 2/18/2004  | 779     | 6548.50   | 6508.67     |            |                   |                                       |                                       | 39.83         |     |         |         |       |
| 11/22/2005 | 1422    | 6547.50   | 6521.47     |            |                   |                                       |                                       | 26.03         |     |         |         |       |
| 12/5/2007  | 2165    | 6545.85   | 6551.01     |            |                   |                                       |                                       | -5.16         |     |         |         |       |
| 5/28/2008  | 2340    | 6546.49   | 6551.37     |            |                   |                                       |                                       | -4.88         |     |         |         |       |
| 8/6/2008   | 2409    | 6546.87   | 6551.42     |            |                   |                                       |                                       | -4.55         |     |         |         |       |
| 12/4/2008  | 2529    | 6546.43   | 6551.51     |            |                   |                                       |                                       | -5.08         |     |         |         |       |
| 2/24/2009  | 2611    | 6545.83   | 6551.56     |            |                   |                                       |                                       | -5.73         |     |         |         |       |
| 7/28/2009  | 2766    | 6545.62   | 6551.65     |            |                   |                                       |                                       | -6.03         |     |         |         |       |
| 9/25/2010  | 3190    | 6545.24   | 6551.94     |            |                   |                                       |                                       | -6.70         |     |         |         |       |
| 2/22/2011  | 3340    | 6545.14   | 6552.01     |            |                   |                                       |                                       | -6.87         |     |         |         |       |
| 4/18/2012  | 3760    | 6545.74   | 6551.94     |            |                   |                                       |                                       | -6.20         |     |         |         |       |
| 2/20/2013  | 4069    | 6546.11   | 6551.66     |            |                   |                                       |                                       | -5.55         |     |         |         |       |
| 6/26/2014  | 4560    | 6550.45   | 6550.91     |            |                   |                                       |                                       | -0.46         |     |         |         |       |
| 2/20/2015  | 4799    | 6551.96   | 6537.57     |            |                   |                                       |                                       | 14.39         |     |         |         |       |
| 12/13/2016 | 5460    | 6550.16   | 6541.57     |            |                   |                                       |                                       | 8.59          |     |         |         |       |
| 3/23/2017  | 5560    | 6548.74   | 6537.17     |            |                   |                                       |                                       | 11.57         |     |         |         |       |
| 12/6/2017  | 5818    | 6546.06   | 6533.59     |            |                   |                                       |                                       | 12.47         |     |         |         |       |
| 12/6/2018  | 6183    | 6547.19   | 6521.61     |            |                   |                                       |                                       | 25.58         |     |         |         |       |
| 12/14/2019 | 6556    | 6545.66   | 6525.61     | 20.05      |                   |                                       |                                       |               |     |         |         |       |
| 12/19/2019 | 6561    | 6535.77   | 6525.62     | 10.15      |                   |                                       |                                       |               |     |         |         |       |
|            |         |           |             | 5/21/2003  | 505               | 6547.39                               | 6550.84                               | -3.45         |     |         |         |       |
|            |         |           |             | 2/28/2008  | 2249              | 6544.67                               | 6552.50                               | -7.83         |     |         |         |       |
|            |         |           |             | 8/6/2008   | 2409              | 6546.51                               | 6552.58                               | -6.07         |     |         |         |       |
|            |         |           |             | 8/7/2008   | 2410              | 6546.51                               | 6552.58                               | -6.07         |     |         |         |       |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date      | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|-----------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 1Q      | 493,619 | 1,541,993 | 1           | 12/3/2008 | 2529              | 6542.93                               | 6552.63                               | -9.70         |
|         |         |           |             | 1/20/2009 | 2576              | 6544.61                               | 6552.64                               | -8.03         |
|         |         |           |             | 2/24/2009 | 2611              | 6543.80                               | 6552.66                               | -8.86         |
|         |         |           |             | 3/11/2010 | 2991              | 6544.26                               | 6552.87                               | -8.61         |
|         |         |           |             | 1/18/2011 | 3305              | 6544.12                               | 6552.94                               | -8.82         |
|         |         |           |             | 4/18/2012 | 3761              | 6545.01                               | 6552.53                               | -7.52         |
|         |         |           |             | 1/17/2013 | 4035              | 6543.21                               | 6552.08                               | -8.87         |
|         |         |           |             | 1/23/2013 | 4040              | 6545.21                               | 6552.07                               | -6.86         |
|         |         |           |             | 1/29/2014 | 4411              | 6547.80                               | 6551.60                               | -3.80         |
|         |         |           |             | 1/17/2017 | 5496              | 6548.16                               | 6550.61                               | -2.45         |
| 1R      | 493,623 | 1,542,071 | 1           | 5/21/2003 | 505               | 6549.77                               | 6550.94                               | -1.17         |
|         |         |           |             | 2/27/2008 | 2249              | 6547.18                               | 6552.85                               | -5.67         |
|         |         |           |             | 8/6/2008  | 2409              | 6548.74                               | 6552.93                               | -4.19         |
|         |         |           |             | 8/7/2008  | 2410              | 6548.74                               | 6552.93                               | -4.19         |
|         |         |           |             | 12/3/2008 | 2529              | 6547.49                               | 6552.98                               | -5.49         |
|         |         |           |             | 1/20/2009 | 2577              | 6547.10                               | 6553.00                               | -5.90         |
|         |         |           |             | 2/24/2009 | 2611              | 6546.99                               | 6553.01                               | -6.02         |
|         |         |           |             | 3/11/2010 | 2991              | 6546.69                               | 6553.25                               | -6.56         |
|         |         |           |             | 1/18/2011 | 3305              | 6546.50                               | 6553.33                               | -6.83         |
|         |         |           |             | 4/18/2012 | 3761              | 6547.43                               | 6552.88                               | -5.45         |
|         |         |           |             | 1/29/2014 | 4411              | 6552.77                               | 6551.90                               | 0.87          |
|         |         |           |             | 1/17/2017 | 5496              | 6550.19                               | 6550.85                               | -0.66         |
| 1S      | 493,614 | 1,541,920 | 1           | 5/21/2003 | 506               | 6547.93                               | 6550.76                               | -2.83         |
|         |         |           |             | 11/9/2004 | 1043              | 6542.64                               | 6551.01                               | -8.37         |
|         |         |           |             | 6/9/2005  | 1255              | 6544.18                               | 6551.14                               | -6.96         |
|         |         |           |             | 7/12/2005 | 1289              | 6546.06                               | 6551.16                               | -5.10         |
|         |         |           |             | 8/22/2007 | 2060              | 6545.44                               | 6552.04                               | -6.60         |
|         |         |           |             | 2/28/2008 | 2250              | 6545.50                               | 6552.19                               | -6.69         |
|         |         |           |             | 1/20/2009 | 2576              | 6543.78                               | 6552.32                               | -8.54         |
|         |         |           |             | 2/24/2009 | 2611              | 6544.34                               | 6552.33                               | -7.99         |
|         |         |           |             | 1/18/2011 | 3304              | 6544.41                               | 6552.58                               | -8.17         |
|         |         |           |             | 4/18/2012 | 3761              | 6544.74                               | 6552.20                               | -7.46         |
| 1T      | 493,656 | 1,541,990 | 1           | 5/21/2003 | 506               | 6549.41                               | 6550.78                               | -1.37         |
|         |         |           |             | 2/24/2008 | 2245              | 6546.72                               | 6552.43                               | -5.71         |
|         |         |           |             | 2/27/2008 | 2249              | 6546.72                               | 6552.43                               | -5.71         |
|         |         |           |             | 8/6/2008  | 2409              | 6548.83                               | 6552.52                               | -3.69         |
|         |         |           |             | 8/7/2008  | 2410              | 6548.83                               | 6552.52                               | -3.69         |
|         |         |           |             | 12/3/2008 | 2529              | 6547.27                               | 6552.57                               | -5.30         |
|         |         |           |             | 1/20/2009 | 2576              | 6546.17                               | 6552.58                               | -6.41         |
|         |         |           |             | 3/11/2010 | 2991              | 6546.41                               | 6552.81                               | -6.40         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 1/18/2011  | 3305              | 6546.24                               | 6552.90                               | -6.66         |
|           |         |           |             | 4/18/2012  | 3761              | 6547.10                               | 6552.52                               | -5.42         |
|           |         |           |             | 1/28/2014  | 4410              | 6552.98                               | 6551.61                               | 1.37          |
|           |         |           |             | 1/17/2017  | 5496              | 6550.33                               | 6550.65                               | -0.32         |
| 1U        | 493,542 | 1,542,001 | 1           | 5/22/2003  | 507               | 6547.92                               | 6550.94                               | -3.02         |
|           |         |           |             | 2/28/2008  | 2249              | 6545.21                               | 6552.64                               | -7.43         |
|           |         |           |             | 8/6/2008   | 2409              | 6546.66                               | 6552.71                               | -6.05         |
|           |         |           |             | 8/7/2008   | 2410              | 6546.66                               | 6552.71                               | -6.05         |
|           |         |           |             | 12/3/2008  | 2529              | 6545.48                               | 6552.74                               | -7.26         |
|           |         |           |             | 1/20/2009  | 2576              | 6545.06                               | 6552.76                               | -7.70         |
|           |         |           |             | 2/24/2009  | 2611              | 6544.99                               | 6552.77                               | -7.78         |
|           |         |           |             | 7/28/2009  | 2765              | 6544.75                               | 6552.84                               | -8.09         |
|           |         |           |             | 3/11/2010  | 2991              | 6544.72                               | 6552.98                               | -8.26         |
|           |         |           |             | 1/18/2011  | 3305              | 6544.53                               | 6553.02                               | -8.49         |
|           |         |           |             | 2/22/2011  | 3339              | 6544.50                               | 6553.00                               | -8.50         |
|           |         |           |             | 4/18/2012  | 3761              | 6545.49                               | 6552.52                               | -7.03         |
|           |         |           |             | 2/21/2013  | 4069              | 6545.70                               | 6551.99                               | -6.29         |
|           |         |           |             | 1/29/2014  | 4411              | 6550.27                               | 6551.59                               | -1.32         |
|           |         |           |             | 1/17/2017  | 5496              | 6548.48                               | 6550.52                               | -2.04         |
|           |         |           |             | 1/10/2019  | 6218              | 6549.66                               | 6547.62                               | 2.04          |
| 1V        | 493,579 | 1,541,982 | 1           | 1/26/2009  | 2582              | 6546.70                               | 6552.64                               | -5.94         |
|           |         |           |             | 3/27/2009  | 2643              | 6546.50                               | 6552.66                               | -6.16         |
|           |         |           |             | 6/6/2009   | 2713              | 6546.19                               | 6552.69                               | -6.50         |
|           |         |           |             | 8/15/2009  | 2783              | 6546.54                               | 6552.73                               | -6.18         |
|           |         |           |             | 10/23/2009 | 2853              | 6546.70                               | 6552.77                               | -6.07         |
|           |         |           |             | 1/1/2010   | 2923              | 6545.73                               | 6552.81                               | -7.08         |
|           |         |           |             | 3/9/2010   | 2990              | 6546.14                               | 6552.85                               | -6.72         |
|           |         |           |             | 5/15/2010  | 3056              | 6546.00                               | 6552.88                               | -6.88         |
|           |         |           |             | 8/2/2010   | 3136              | 6545.42                               | 6552.90                               | -7.47         |
|           |         |           |             | 11/4/2010  | 3230              | 6545.91                               | 6552.91                               | -6.99         |
|           |         |           |             | 1/12/2011  | 3298              | 6545.97                               | 6552.91                               | -6.94         |
|           |         |           |             | 3/18/2011  | 3364              | 6546.02                               | 6552.89                               | -6.87         |
|           |         |           |             | 5/28/2011  | 3434              | 6546.42                               | 6552.86                               | -6.44         |
|           |         |           |             | 8/6/2011   | 3504              | 6546.69                               | 6552.79                               | -6.10         |
|           |         |           |             | 10/14/2011 | 3574              | 6546.61                               | 6552.72                               | -6.11         |
|           |         |           |             | 12/24/2011 | 3644              | 6546.64                               | 6552.63                               | -5.99         |
|           |         |           |             | 3/2/2012   | 3714              | 6546.83                               | 6552.53                               | -5.70         |
|           |         |           |             | 5/6/2012   | 3779              | 6547.04                               | 6552.43                               | -5.39         |
|           |         |           |             | 7/13/2012  | 3847              | 6547.03                               | 6552.33                               | -5.30         |
| 9/21/2012 | 3917    | 6547.09   | 6552.21     | -5.12      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/1/2012  | 3987              | 6547.18                               | 6552.09                               | -4.91         |
|            |         |           |             | 2/1/2013   | 4050              | 6547.21                               | 6551.98                               | -4.77         |
| AW         | 488,015 | 1,540,235 | 1           | 6/30/2004  | 912               | 6526.83                               | 6521.64                               | 5.19          |
|            |         |           |             | 12/2/2005  | 1431              | 6526.83                               | 6522.37                               | 4.46          |
|            |         |           |             | 11/29/2006 | 1793              | 6527.13                               | 6522.96                               | 4.17          |
|            |         |           |             | 11/14/2007 | 2144              | 6527.18                               | 6522.59                               | 4.59          |
|            |         |           |             | 11/15/2007 | 2145              | 6527.13                               | 6522.59                               | 4.54          |
|            |         |           |             | 9/25/2008  | 2460              | 6526.27                               | 6522.22                               | 4.05          |
|            |         |           |             | 12/5/2008  | 2530              | 6527.13                               | 6522.14                               | 4.99          |
|            |         |           |             | 10/14/2009 | 2844              | 6527.64                               | 6522.08                               | 5.56          |
|            |         |           |             | 12/15/2009 | 2905              | 6528.24                               | 6522.09                               | 6.15          |
|            |         |           |             | 9/28/2010  | 3193              | 6528.13                               | 6522.26                               | 5.87          |
|            |         |           |             | 12/16/2010 | 3272              | 6528.99                               | 6522.34                               | 6.65          |
|            |         |           |             | 3/1/2011   | 3347              | 6529.33                               | 6522.49                               | 6.84          |
|            |         |           |             | 11/13/2012 | 3969              | 6530.63                               | 6524.37                               | 6.26          |
|            |         |           |             | 12/10/2013 | 4362              | 6531.33                               | 6525.56                               | 5.77          |
|            |         |           |             | 12/12/2013 | 4363              | 6531.34                               | 6525.57                               | 5.77          |
|            |         |           |             | 10/11/2014 | 4666              | 6531.25                               | 6526.41                               | 4.84          |
|            |         |           |             | 10/24/2015 | 5045              | 6534.40                               | 6527.11                               | 7.29          |
|            |         |           |             | 12/2/2015  | 5083              | 6532.46                               | 6527.18                               | 5.28          |
|            |         |           |             | 12/14/2016 | 5461              | 6531.13                               | 6526.98                               | 4.15          |
|            |         |           |             | 12/20/2016 | 5467              | 6531.18                               | 6526.96                               | 4.22          |
|            |         |           |             | 12/1/2017  | 5813              | 6529.32                               | 6525.28                               | 4.04          |
|            |         |           |             | 12/6/2017  | 5818              | 6527.38                               | 6525.26                               | 2.12          |
|            |         |           |             | 4/6/2018   | 5939              | 6529.02                               | 6524.71                               | 4.31          |
| 12/27/2018 | 6204    | 6527.44   | 6523.68     | 3.76       |                   |                                       |                                       |               |
| 4/11/2019  | 6309    | 6526.97   | 6523.20     | 3.77       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6526.33   | 6521.99     | 4.34       |                   |                                       |                                       |               |
|            |         |           |             | 2/2/2002   | 32                | 6526.53                               | 6525.85                               | 0.68          |
|            |         |           |             | 4/13/2002  | 102               | 6525.94                               | 6525.87                               | 0.08          |
|            |         |           |             | 6/18/2002  | 168               | 6525.72                               | 6525.89                               | -0.17         |
|            |         |           |             | 8/24/2002  | 235               | 6525.98                               | 6525.92                               | 0.07          |
|            |         |           |             | 11/2/2002  | 305               | 6526.12                               | 6525.94                               | 0.17          |
|            |         |           |             | 1/10/2003  | 375               | 6526.04                               | 6525.98                               | 0.06          |
|            |         |           |             | 3/21/2003  | 445               | 6525.89                               | 6526.18                               | -0.29         |
|            |         |           |             | 5/30/2003  | 515               | 6525.58                               | 6526.42                               | -0.84         |
|            |         |           |             | 8/2/2003   | 578               | 6525.64                               | 6526.65                               | -1.00         |
|            |         |           |             | 10/10/2003 | 648               | 6525.75                               | 6526.89                               | -1.15         |
|            |         |           |             | 12/19/2003 | 718               | 6525.82                               | 6527.14                               | -1.32         |
|            |         |           |             | 2/27/2004  | 788               | 6526.09                               | 6527.31                               | -1.22         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 5/6/2004   | 857               | 6526.59                               | 6527.54                               | -0.95         |
|         |         |          |             | 7/10/2004  | 921               | 6527.00                               | 6527.78                               | -0.79         |
|         |         |          |             | 9/17/2004  | 991               | 6527.24                               | 6528.08                               | -0.84         |
|         |         |          |             | 11/19/2004 | 1054              | 6527.14                               | 6528.35                               | -1.21         |
|         |         |          |             | 1/29/2005  | 1124              | 6527.29                               | 6529.55                               | -2.26         |
|         |         |          |             | 4/8/2005   | 1194              | 6527.61                               | 6530.59                               | -2.98         |
|         |         |          |             | 6/18/2005  | 1264              | 6527.46                               | 6531.52                               | -4.06         |
|         |         |          |             | 8/27/2005  | 1334              | 6527.18                               | 6532.12                               | -4.93         |
|         |         |          |             | 11/2/2005  | 1401              | 6528.51                               | 6532.69                               | -4.18         |
|         |         |          |             | 1/7/2006   | 1467              | 6532.29                               | 6533.15                               | -0.87         |
|         |         |          |             | 3/17/2006  | 1537              | 6533.66                               | 6533.48                               | 0.19          |
|         |         |          |             | 5/27/2006  | 1607              | 6532.47                               | 6533.69                               | -1.22         |
|         |         |          |             | 8/5/2006   | 1677              | 6531.76                               | 6533.90                               | -2.15         |
|         |         |          |             | 10/13/2006 | 1747              | 6531.09                               | 6534.10                               | -3.00         |
|         |         |          |             | 12/23/2006 | 1817              | 6530.11                               | 6534.29                               | -4.18         |
|         |         |          |             | 3/2/2007   | 1887              | 6531.22                               | 6533.43                               | -2.21         |
|         |         |          |             | 5/12/2007  | 1957              | 6531.44                               | 6532.81                               | -1.38         |
|         |         |          |             | 7/20/2007  | 2027              | 6530.78                               | 6532.39                               | -1.61         |
|         |         |          |             | 9/22/2007  | 2090              | 6530.16                               | 6532.10                               | -1.95         |
|         |         |          |             | 12/1/2007  | 2160              | 6529.69                               | 6531.81                               | -2.12         |
|         |         |          |             | 2/8/2008   | 2230              | 6529.23                               | 6531.48                               | -2.25         |
|         |         |          |             | 4/18/2008  | 2300              | 6528.84                               | 6531.24                               | -2.40         |
|         |         |          |             | 6/23/2008  | 2366              | 6528.22                               | 6531.03                               | -2.82         |
|         |         |          |             | 8/29/2008  | 2433              | 6529.43                               | 6530.89                               | -1.46         |
|         |         |          |             | 11/7/2008  | 2503              | 6531.15                               | 6530.74                               | 0.41          |
|         |         |          |             | 1/16/2009  | 2573              | 6533.90                               | 6530.68                               | 3.22          |
|         |         |          |             | 3/27/2009  | 2643              | 6534.55                               | 6530.81                               | 3.74          |
|         |         |          |             | 6/4/2009   | 2712              | 6534.16                               | 6530.94                               | 3.22          |
|         |         |          |             | 8/8/2009   | 2776              | 6532.87                               | 6531.03                               | 1.85          |
|         |         |          |             | 10/16/2009 | 2846              | 6532.82                               | 6531.12                               | 1.70          |
|         |         |          |             | 12/25/2009 | 2916              | 6532.74                               | 6531.21                               | 1.52          |
|         |         |          |             | 3/6/2010   | 2986              | 6534.43                               | 6530.70                               | 3.73          |
|         |         |          |             | 5/15/2010  | 3056              | 6533.96                               | 6530.61                               | 3.35          |
|         |         |          |             | 7/24/2010  | 3126              | 6533.09                               | 6530.59                               | 2.50          |
|         |         |          |             | 10/2/2010  | 3196              | 6532.12                               | 6530.64                               | 1.47          |
|         |         |          |             | 12/7/2010  | 3263              | 6532.74                               | 6530.72                               | 2.02          |
|         |         |          |             | 2/11/2011  | 3329              | 6533.69                               | 6531.44                               | 2.25          |
|         |         |          |             | 4/22/2011  | 3399              | 6533.72                               | 6532.13                               | 1.59          |
|         |         |          |             | 7/2/2011   | 3469              | 6534.01                               | 6532.72                               | 1.30          |
|         |         |          |             | 9/10/2011  | 3539              | 6534.18                               | 6533.14                               | 1.04          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 11/14/2011 | 3605              | 6534.61                               | 6533.52                               | 1.09          |
|         |         |          |             | 1/21/2012  | 3672              | 6535.28                               | 6533.82                               | 1.46          |
|         |         |          |             | 3/30/2012  | 3742              | 6535.15                               | 6534.00                               | 1.14          |
|         |         |          |             | 6/8/2012   | 3812              | 6534.74                               | 6534.19                               | 0.55          |
|         |         |          |             | 8/17/2012  | 3882              | 6534.32                               | 6534.35                               | -0.03         |
|         |         |          |             | 10/23/2012 | 3948              | 6534.37                               | 6534.51                               | -0.14         |
|         |         |          |             | 12/29/2012 | 4015              | 6535.25                               | 6534.65                               | 0.60          |
|         |         |          |             | 3/8/2013   | 4085              | 6536.01                               | 6534.81                               | 1.20          |
|         |         |          |             | 5/17/2013  | 4155              | 6535.74                               | 6534.99                               | 0.75          |
|         |         |          |             | 8/18/2013  | 4247              | 6535.31                               | 6535.27                               | 0.04          |
|         |         |          |             | 1/24/2014  | 4407              | 6535.88                               | 6535.75                               | 0.13          |
|         |         |          |             | 4/4/2014   | 4477              | 6535.76                               | 6535.80                               | -0.04         |
|         |         |          |             | 6/11/2014  | 4544              | 6534.96                               | 6535.86                               | -0.90         |
|         |         |          |             | 8/19/2014  | 4614              | 6534.41                               | 6535.95                               | -1.54         |
|         |         |          |             | 11/7/2014  | 4694              | 6534.71                               | 6536.07                               | -1.36         |
|         |         |          |             | 1/16/2015  | 4764              | 6535.16                               | 6536.45                               | -1.29         |
|         |         |          |             | 3/27/2015  | 4834              | 6534.58                               | 6537.14                               | -2.56         |
|         |         |          |             | 5/31/2015  | 4899              | 6535.92                               | 6537.64                               | -1.72         |
|         |         |          |             | 8/18/2015  | 4977              | 6536.09                               | 6538.05                               | -1.97         |
|         |         |          |             | 11/6/2015  | 5058              | 6535.93                               | 6538.29                               | -2.35         |
|         |         |          |             | 1/15/2016  | 5128              | 6535.80                               | 6538.77                               | -2.97         |
|         |         |          |             | 3/25/2016  | 5198              | 6536.74                               | 6538.26                               | -1.53         |
|         |         |          |             | 6/3/2016   | 5268              | 6535.67                               | 6537.53                               | -1.86         |
|         |         |          |             | 12/3/2016  | 5450              | 6534.14                               | 6535.80                               | -1.67         |
|         |         |          |             | 4/2/2017   | 5571              | 6532.57                               | 6533.94                               | -1.37         |
|         |         |          |             | 6/9/2017   | 5639              | 6531.57                               | 6533.32                               | -1.75         |
|         |         |          |             | 8/18/2017  | 5709              | 6533.04                               | 6532.78                               | 0.26          |
|         |         |          |             | 10/27/2017 | 5779              | 6531.94                               | 6532.28                               | -0.35         |
|         |         |          |             | 12/12/2017 | 5824              | 6533.03                               | 6531.98                               | 1.05          |
|         |         |          |             | 1/2/2018   | 5845              | 6535.25                               | 6531.86                               | 3.39          |
|         |         |          |             | 1/9/2018   | 5852              | 6534.95                               | 6531.88                               | 3.07          |
|         |         |          |             | 1/16/2018  | 5859              | 6534.23                               | 6531.89                               | 2.34          |
|         |         |          |             | 1/23/2018  | 5866              | 6535.10                               | 6531.88                               | 3.22          |
|         |         |          |             | 1/30/2018  | 5873              | 6535.06                               | 6531.87                               | 3.19          |
|         |         |          |             | 2/6/2018   | 5880              | 6535.30                               | 6531.84                               | 3.46          |
|         |         |          |             | 2/13/2018  | 5887              | 6534.90                               | 6531.81                               | 3.09          |
|         |         |          |             | 2/21/2018  | 5895              | 6534.75                               | 6531.77                               | 2.98          |
|         |         |          |             | 2/27/2018  | 5901              | 6534.68                               | 6531.74                               | 2.94          |
|         |         |          |             | 3/6/2018   | 5908              | 6533.49                               | 6531.71                               | 1.78          |
|         |         |          |             | 3/8/2018   | 5911              | 6534.68                               | 6531.69                               | 2.99          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| B       | 489,311 | 1,541,684 | 1           | 3/13/2018  | 5915              | 6534.39                               | 6531.66                               | 2.73          |
|         |         |           |             | 3/20/2018  | 5922              | 6534.48                               | 6531.61                               | 2.87          |
|         |         |           |             | 3/27/2018  | 5929              | 6534.46                               | 6531.56                               | 2.90          |
|         |         |           |             | 4/3/2018   | 5936              | 6534.49                               | 6531.51                               | 2.98          |
|         |         |           |             | 4/10/2018  | 5943              | 6534.17                               | 6531.46                               | 2.71          |
|         |         |           |             | 4/17/2018  | 5950              | 6534.20                               | 6531.41                               | 2.79          |
|         |         |           |             | 4/24/2018  | 5957              | 6534.05                               | 6531.36                               | 2.69          |
|         |         |           |             | 5/1/2018   | 5964              | 6533.92                               | 6531.31                               | 2.61          |
|         |         |           |             | 5/8/2018   | 5971              | 6530.14                               | 6531.26                               | -1.12         |
|         |         |           |             | 5/15/2018  | 5978              | 6530.27                               | 6531.21                               | -0.94         |
|         |         |           |             | 5/22/2018  | 5985              | 6527.86                               | 6531.15                               | -3.29         |
|         |         |           |             | 5/29/2018  | 5992              | 6533.80                               | 6531.10                               | 2.70          |
|         |         |           |             | 6/5/2018   | 5999              | 6533.99                               | 6531.05                               | 2.94          |
|         |         |           |             | 6/12/2018  | 6006              | 6533.22                               | 6530.99                               | 2.23          |
|         |         |           |             | 6/19/2018  | 6013              | 6533.80                               | 6530.94                               | 2.86          |
|         |         |           |             | 6/26/2018  | 6020              | 6533.50                               | 6530.89                               | 2.61          |
|         |         |           |             | 7/3/2018   | 6027              | 6533.40                               | 6530.83                               | 2.57          |
|         |         |           |             | 7/10/2018  | 6034              | 6533.31                               | 6530.78                               | 2.53          |
|         |         |           |             | 7/17/2018  | 6041              | 6533.43                               | 6530.73                               | 2.70          |
|         |         |           |             | 7/24/2018  | 6048              | 6533.43                               | 6530.68                               | 2.75          |
|         |         |           |             | 7/31/2018  | 6055              | 6533.46                               | 6530.62                               | 2.84          |
|         |         |           |             | 8/7/2018   | 6062              | 6533.48                               | 6530.57                               | 2.91          |
|         |         |           |             | 8/14/2018  | 6069              | 6533.45                               | 6530.52                               | 2.93          |
|         |         |           |             | 8/21/2018  | 6076              | 6533.49                               | 6530.46                               | 3.03          |
|         |         |           |             | 8/28/2018  | 6083              | 6533.49                               | 6530.41                               | 3.08          |
|         |         |           |             | 9/4/2018   | 6090              | 6533.29                               | 6530.36                               | 2.93          |
|         |         |           |             | 9/11/2018  | 6097              | 6533.27                               | 6530.30                               | 2.97          |
|         |         |           |             | 9/18/2018  | 6104              | 6533.13                               | 6530.25                               | 2.88          |
|         |         |           |             | 9/25/2018  | 6111              | 6532.85                               | 6530.20                               | 2.65          |
|         |         |           |             | 10/2/2018  | 6118              | 6535.85                               | 6530.15                               | 5.70          |
|         |         |           |             | 10/9/2018  | 6125              | 6532.75                               | 6530.10                               | 2.65          |
|         |         |           |             | 10/16/2018 | 6132              | 6532.40                               | 6530.05                               | 2.35          |
|         |         |           |             | 10/23/2018 | 6139              | 6532.53                               | 6530.00                               | 2.53          |
|         |         |           |             | 10/30/2018 | 6146              | 6532.25                               | 6529.95                               | 2.30          |
|         |         |           |             | 11/6/2018  | 6153              | 6532.10                               | 6529.90                               | 2.20          |
|         |         |           |             | 11/13/2018 | 6160              | 6531.00                               | 6529.85                               | 1.15          |
|         |         |           |             | 11/20/2018 | 6167              | 6531.55                               | 6529.80                               | 1.75          |
|         |         |           |             | 11/27/2018 | 6174              | 6531.60                               | 6529.75                               | 1.85          |
|         |         |           |             | 12/4/2018  | 6181              | 6531.69                               | 6529.70                               | 1.99          |
|         |         |           |             | 12/11/2018 | 6188              | 6531.59                               | 6529.65                               | 1.94          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 12/18/2018 | 6195              | 6531.61                               | 6529.60                               | 2.01          |
|         |         |          |             | 12/20/2018 | 6197              | 6530.50                               | 6529.58                               | 0.92          |
|         |         |          |             | 1/8/2019   | 6216              | 6531.40                               | 6529.16                               | 2.24          |
|         |         |          |             | 1/15/2019  | 6223              | 6531.80                               | 6528.98                               | 2.82          |
|         |         |          |             | 1/22/2019  | 6230              | 6531.79                               | 6528.85                               | 2.94          |
|         |         |          |             | 1/29/2019  | 6237              | 6531.80                               | 6528.73                               | 3.07          |
|         |         |          |             | 2/5/2019   | 6244              | 6531.58                               | 6528.64                               | 2.94          |
|         |         |          |             | 2/12/2019  | 6251              | 6531.79                               | 6528.58                               | 3.21          |
|         |         |          |             | 2/20/2019  | 6259              | 6531.92                               | 6528.51                               | 3.41          |
|         |         |          |             | 2/26/2019  | 6265              | 6531.77                               | 6528.45                               | 3.32          |
|         |         |          |             | 3/5/2019   | 6272              | 6531.89                               | 6528.39                               | 3.50          |
|         |         |          |             | 3/12/2019  | 6279              | 6532.19                               | 6528.36                               | 3.83          |
|         |         |          |             | 3/19/2019  | 6286              | 6532.35                               | 6528.33                               | 4.02          |
|         |         |          |             | 3/26/2019  | 6293              | 6532.00                               | 6528.31                               | 3.69          |
|         |         |          |             | 4/2/2019   | 6300              | 6532.09                               | 6528.28                               | 3.81          |
|         |         |          |             | 4/9/2019   | 6307              | 6532.09                               | 6528.25                               | 3.84          |
|         |         |          |             | 4/16/2019  | 6314              | 6532.09                               | 6528.22                               | 3.87          |
|         |         |          |             | 4/23/2019  | 6321              | 6532.15                               | 6528.19                               | 3.96          |
|         |         |          |             | 4/30/2019  | 6328              | 6532.22                               | 6528.17                               | 4.05          |
|         |         |          |             | 5/7/2019   | 6335              | 6532.05                               | 6528.14                               | 3.91          |
|         |         |          |             | 5/14/2019  | 6342              | 6532.00                               | 6528.12                               | 3.88          |
|         |         |          |             | 5/21/2019  | 6349              | 6532.15                               | 6528.11                               | 4.04          |
|         |         |          |             | 5/29/2019  | 6357              | 6532.00                               | 6528.09                               | 3.91          |
|         |         |          |             | 6/4/2019   | 6363              | 6532.02                               | 6528.08                               | 3.94          |
|         |         |          |             | 6/11/2019  | 6370              | 6531.95                               | 6528.07                               | 3.88          |
|         |         |          |             | 7/2/2019   | 6391              | 6531.80                               | 6528.02                               | 3.78          |
|         |         |          |             | 7/9/2019   | 6398              | 6531.72                               | 6528.01                               | 3.71          |
|         |         |          |             | 7/16/2019  | 6405              | 6531.55                               | 6528.00                               | 3.55          |
|         |         |          |             | 7/23/2019  | 6412              | 6531.40                               | 6527.98                               | 3.42          |
|         |         |          |             | 7/30/2019  | 6419              | 6531.40                               | 6527.97                               | 3.43          |
|         |         |          |             | 8/6/2019   | 6426              | 6531.52                               | 6527.96                               | 3.56          |
|         |         |          |             | 8/13/2019  | 6433              | 6531.51                               | 6527.94                               | 3.57          |
|         |         |          |             | 8/20/2019  | 6440              | 6531.48                               | 6527.93                               | 3.55          |
|         |         |          |             | 8/27/2019  | 6447              | 6531.50                               | 6527.91                               | 3.59          |
|         |         |          |             | 9/3/2019   | 6454              | 6531.47                               | 6527.90                               | 3.57          |
|         |         |          |             | 9/10/2019  | 6461              | 6531.57                               | 6527.89                               | 3.68          |
|         |         |          |             | 9/17/2019  | 6468              | 6531.58                               | 6527.87                               | 3.71          |
|         |         |          |             | 9/24/2019  | 6475              | 6531.45                               | 6527.86                               | 3.59          |
|         |         |          |             | 10/1/2019  | 6482              | 6531.58                               | 6527.85                               | 3.73          |
|         |         |          |             | 10/8/2019  | 6489              | 6531.68                               | 6527.84                               | 3.84          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 10/15/2019 | 6496              | 6531.45                               | 6527.83                               | 3.62          |
|            |         |           |             | 10/22/2019 | 6503              | 6531.56                               | 6527.81                               | 3.75          |
|            |         |           |             | 10/29/2019 | 6510              | 6531.55                               | 6527.80                               | 3.75          |
|            |         |           |             | 11/5/2019  | 6517              | 6531.61                               | 6527.79                               | 3.82          |
|            |         |           |             | 11/12/2019 | 6524              | 6531.54                               | 6527.78                               | 3.76          |
|            |         |           |             | 11/19/2019 | 6531              | 6531.55                               | 6527.77                               | 3.78          |
|            |         |           |             | 11/26/2019 | 6538              | 6531.43                               | 6527.75                               | 3.68          |
|            |         |           |             | 12/3/2019  | 6545              | 6531.18                               | 6527.74                               | 3.44          |
|            |         |           |             | 12/10/2019 | 6552              | 6531.24                               | 6527.73                               | 3.51          |
|            |         |           |             | 12/14/2019 | 6557              | 6531.20                               | 6527.72                               | 3.48          |
|            |         |           |             | 12/17/2019 | 6559              | 6530.90                               | 6527.72                               | 3.18          |
|            |         |           |             | 12/24/2019 | 6566              | 6531.00                               | 6527.71                               | 3.29          |
|            |         |           |             | 12/31/2019 | 6573              | 6530.93                               | 6527.70                               | 3.23          |
| B1         | 489,370 | 1,542,071 | 1           | 12/10/2004 | 1074              | 6525.65                               | 6527.10                               | -1.45         |
|            |         |           |             | 12/2/2005  | 1431              | 6530.33                               | 6531.80                               | -1.47         |
|            |         |           |             | 11/13/2007 | 2143              | 6530.24                               | 6530.86                               | -0.62         |
|            |         |           |             | 12/4/2008  | 2530              | 6530.53                               | 6529.64                               | 0.89          |
|            |         |           |             | 12/10/2009 | 2900              | 6532.50                               | 6530.31                               | 2.19          |
|            |         |           |             | 12/14/2010 | 3269              | 6534.21                               | 6530.13                               | 4.08          |
|            |         |           |             | 12/6/2011  | 3626              | 6535.40                               | 6533.30                               | 2.10          |
|            |         |           |             | 11/14/2012 | 3970              | 6535.95                               | 6534.12                               | 1.83          |
|            |         |           |             | 12/13/2013 | 4364              | 6537.22                               | 6535.30                               | 1.92          |
|            |         |           |             | 12/1/2015  | 5082              | 6538.65                               | 6538.22                               | 0.43          |
|            |         |           |             | 12/13/2016 | 5460              | 6535.15                               | 6533.66                               | 1.49          |
|            |         |           |             | 12/6/2017  | 5818              | 6532.95                               | 6530.45                               | 2.50          |
|            |         |           |             | 12/27/2018 | 6204              | 6530.42                               | 6527.19                               | 3.23          |
| 12/19/2019 | 6561    | 6530.42   | 6526.73     | 3.69       |                   |                                       |                                       |               |
|            |         |           |             | 4/30/2002  | 120               | 6521.91                               | 6523.87                               | -1.96         |
|            |         |           |             | 12/6/2002  | 339               | 6522.53                               | 6523.98                               | -1.45         |
|            |         |           |             | 12/13/2003 | 711               | 6523.02                               | 6525.67                               | -2.65         |
|            |         |           |             | 3/2/2004   | 792               | 6524.20                               | 6526.00                               | -1.80         |
|            |         |           |             | 12/9/2004  | 1073              | 6526.62                               | 6527.13                               | -0.51         |
|            |         |           |             | 12/3/2005  | 1432              | 6525.91                               | 6531.22                               | -5.31         |
|            |         |           |             | 12/11/2005 | 1440              | 6526.03                               | 6531.28                               | -5.25         |
|            |         |           |             | 12/21/2006 | 1815              | 6528.10                               | 6532.65                               | -4.55         |
|            |         |           |             | 5/31/2007  | 1977              | 6527.50                               | 6531.31                               | -3.81         |
|            |         |           |             | 11/13/2007 | 2143              | 6527.79                               | 6530.63                               | -2.84         |
|            |         |           |             | 6/18/2008  | 2361              | 6527.22                               | 6530.11                               | -2.89         |
|            |         |           |             | 12/4/2008  | 2529              | 6528.54                               | 6529.84                               | -1.30         |
|            |         |           |             | 8/27/2009  | 2796              | 6530.73                               | 6530.19                               | 0.54          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| B12       | 488,915 | 1,542,524 | 1           | 12/10/2009 | 2901              | 6530.91                               | 6530.34                               | 0.57          |
|           |         |           |             | 10/8/2010  | 3203              | 6531.97                               | 6530.97                               | 1.00          |
|           |         |           |             | 12/14/2010 | 3269              | 6533.20                               | 6531.13                               | 2.07          |
|           |         |           |             | 3/2/2011   | 3347              | 6534.82                               | 6532.06                               | 2.76          |
|           |         |           |             | 12/6/2011  | 3626              | 6535.21                               | 6534.30                               | 0.91          |
|           |         |           |             | 11/15/2012 | 3971              | 6535.26                               | 6535.39                               | -0.13         |
|           |         |           |             | 11/16/2012 | 3972              | 6535.22                               | 6535.40                               | -0.18         |
|           |         |           |             | 5/15/2013  | 4152              | 6537.33                               | 6535.77                               | 1.56          |
|           |         |           |             | 12/13/2013 | 4365              | 6537.16                               | 6536.54                               | 0.62          |
|           |         |           |             | 6/26/2014  | 4560              | 6536.92                               | 6536.70                               | 0.22          |
|           |         |           |             | 2/6/2015   | 4785              | 6536.26                               | 6537.17                               | -0.91         |
|           |         |           |             | 3/19/2016  | 5192              | 6535.76                               | 6536.82                               | -1.06         |
|           |         |           |             | 12/13/2016 | 5460              | 6534.32                               | 6533.64                               | 0.68          |
|           |         |           |             | 11/14/2017 | 5797              | 6532.95                               | 6531.05                               | 1.90          |
|           |         |           |             | 12/6/2017  | 5818              | 6532.99                               | 6530.91                               | 2.08          |
|           |         |           |             | 2/14/2018  | 5888              | 6535.47                               | 6530.32                               | 5.15          |
|           |         |           |             | 12/27/2018 | 6204              | 6532.87                               | 6527.35                               | 5.52          |
|           |         |           |             | 2/21/2019  | 6260              | 6533.08                               | 6527.05                               | 6.03          |
|           |         |           |             | 12/18/2019 | 6560              | 6531.57                               | 6526.95                               | 4.62          |
| B13       | 490,223 | 1,541,841 | 1           | 4/30/2002  | 120               | 6525.71                               | 6524.74                               | 0.97          |
|           |         |           |             | 12/6/2002  | 339               | 6526.50                               | 6524.84                               | 1.66          |
|           |         |           |             | 12/13/2003 | 712               | 6526.71                               | 6526.73                               | -0.02         |
|           |         |           |             | 3/2/2004   | 792               | 6527.03                               | 6527.63                               | -0.60         |
|           |         |           |             | 12/10/2004 | 1074              | 6527.95                               | 6530.92                               | -2.97         |
|           |         |           |             | 2/24/2005  | 1150              | 6529.21                               | 6532.75                               | -3.54         |
|           |         |           |             | 12/2/2005  | 1431              | 6531.46                               | 6536.30                               | -4.84         |
|           |         |           |             | 12/21/2006 | 1815              | 6532.38                               | 6537.76                               | -5.38         |
|           |         |           |             | 5/31/2007  | 1977              | 6531.23                               | 6536.61                               | -5.38         |
|           |         |           |             | 11/13/2007 | 2143              | 6531.32                               | 6536.03                               | -4.71         |
|           |         |           |             | 6/18/2008  | 2361              | 6529.51                               | 6534.79                               | -5.28         |
|           |         |           |             | 12/4/2008  | 2530              | 6529.75                               | 6534.35                               | -4.60         |
|           |         |           |             | 8/27/2009  | 2795              | 6530.67                               | 6534.96                               | -4.29         |
|           |         |           |             | 12/10/2009 | 2900              | 6530.47                               | 6535.15                               | -4.68         |
|           |         |           |             | 12/14/2010 | 3269              | 6531.62                               | 6534.60                               | -2.98         |
|           |         |           |             | 3/2/2011   | 3348              | 6533.40                               | 6535.00                               | -1.60         |
|           |         |           |             | 12/6/2011  | 3626              | 6533.74                               | 6536.01                               | -2.27         |
|           |         |           |             | 11/14/2012 | 3970              | 6534.18                               | 6536.29                               | -2.11         |
|           |         |           |             | 5/15/2013  | 4152              | 6534.77                               | 6536.51                               | -1.74         |
| 2/6/2015  | 4785    | 6534.84   | 6538.39     | -3.55      |                   |                                       |                                       |               |
| 12/1/2015 | 5082    | 6538.17   | 6540.95     | -2.78      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 3/29/2017  | 5566              | 6530.79                               | 6534.26                               | -3.47         |
|            |         |           |             | 12/6/2017  | 5818              | 6531.09                               | 6532.14                               | -1.05         |
|            |         |           |             | 2/14/2018  | 5888              | 6537.43                               | 6532.02                               | 5.41          |
|            |         |           |             | 12/27/2018 | 6204              | 6529.04                               | 6529.55                               | -0.51         |
|            |         |           |             | 2/21/2019  | 6260              | 6530.91                               | 6529.10                               | 1.81          |
|            |         |           |             | 7/2/2019   | 6391              | 6534.04                               | 6529.04                               | 5.00          |
|            |         |           |             | 12/19/2019 | 6561              | 6532.09                               | 6529.04                               | 3.05          |
| B32        | 490,201 | 1,542,598 | 1           | 4/25/2014  | 4498              | 6536.48                               | 6534.64                               | 1.84          |
|            |         |           |             | 5/4/2017   | 5603              | 6527.38                               | 6526.74                               | 0.64          |
|            |         |           |             | 4/30/2019  | 6328              | 6531.89                               | 6523.41                               | 8.48          |
|            |         |           |             | 5/29/2019  | 6357              | 6531.99                               | 6523.68                               | 8.31          |
|            |         |           |             | 6/25/2019  | 6384              | 6525.19                               | 6523.86                               | 1.33          |
|            |         |           |             | 7/30/2019  | 6419              | 6523.49                               | 6524.09                               | -0.60         |
|            |         |           |             | 8/27/2019  | 6447              | 6530.14                               | 6524.28                               | 5.86          |
|            |         |           |             | 10/1/2019  | 6482              | 6531.19                               | 6524.45                               | 6.74          |
| 10/29/2019 | 6510    | 6529.29   | 6524.53     | 4.76       |                   |                                       |                                       |               |
| B35        | 490,393 | 1,542,714 | 1           | 9/6/2014   | 4632              | 6536.74                               | 6536.12                               | 0.62          |
|            |         |           |             | 5/3/2017   | 5601              | 6504.74                               | 6526.72                               | -21.98        |
|            |         |           |             | 4/18/2018  | 5951              | 6537.16                               | 6522.96                               | 14.20         |
| B38        | 490,662 | 1,542,607 | 1           | 9/6/2014   | 4631              | 6537.91                               | 6535.89                               | 2.02          |
|            |         |           |             | 5/3/2017   | 5601              | 6504.30                               | 6525.25                               | -20.95        |
| B7         | 490,540 | 1,542,488 | 1           | 6/16/2005  | 1262              | 6532.40                               | 6530.11                               | 2.29          |
|            |         |           |             | 7/15/2008  | 2388              | 6526.32                               | 6532.59                               | -6.27         |
|            |         |           |             | 6/19/2013  | 4188              | 6540.30                               | 6533.38                               | 6.92          |
|            |         |           |             | 4/10/2018  | 5944              | 6544.84                               | 6521.82                               | 23.02         |
|            |         |           |             | 12/10/2019 | 6552              | 6529.66                               | 6523.66                               | 6.00          |
|            |         |           |             | 2/2/2002   | 32                | 6525.94                               | 6524.31                               | 1.62          |
|            |         |           |             | 4/13/2002  | 102               | 6525.30                               | 6524.34                               | 0.96          |
|            |         |           |             | 6/22/2002  | 172               | 6525.42                               | 6524.37                               | 1.05          |
|            |         |           |             | 8/31/2002  | 242               | 6525.86                               | 6524.40                               | 1.46          |
|            |         |           |             | 11/9/2002  | 312               | 6526.11                               | 6524.43                               | 1.68          |
|            |         |           |             | 1/17/2003  | 382               | 6525.79                               | 6524.52                               | 1.27          |
|            |         |           |             | 3/28/2003  | 452               | 6525.90                               | 6524.83                               | 1.06          |
|            |         |           |             | 6/7/2003   | 522               | 6525.30                               | 6525.16                               | 0.14          |
|            |         |           |             | 8/16/2003  | 592               | 6525.88                               | 6525.46                               | 0.42          |
|            |         |           |             | 10/24/2003 | 662               | 6525.82                               | 6525.76                               | 0.07          |
|            |         |           |             | 1/2/2004   | 732               | 6525.89                               | 6526.04                               | -0.16         |
|            |         |           |             | 3/12/2004  | 802               | 6526.41                               | 6526.31                               | 0.10          |
|            |         |           |             | 5/22/2004  | 872               | 6526.91                               | 6526.64                               | 0.26          |
|            |         |           |             | 7/31/2004  | 942               | 6527.64                               | 6527.00                               | 0.64          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 10/6/2004  | 1010              | 6527.55                               | 6527.35                               | 0.20          |
|         |         |          |             | 12/11/2004 | 1075              | 6527.24                               | 6527.69                               | -0.45         |
|         |         |          |             | 2/18/2005  | 1145              | 6527.81                               | 6529.20                               | -1.39         |
|         |         |          |             | 4/30/2005  | 1215              | 6528.28                               | 6530.33                               | -2.06         |
|         |         |          |             | 7/9/2005   | 1285              | 6527.83                               | 6531.24                               | -3.41         |
|         |         |          |             | 9/17/2005  | 1355              | 6527.50                               | 6531.89                               | -4.39         |
|         |         |          |             | 11/26/2005 | 1425              | 6528.71                               | 6532.51                               | -3.79         |
|         |         |          |             | 2/4/2006   | 1495              | 6530.52                               | 6532.93                               | -2.41         |
|         |         |          |             | 4/14/2006  | 1565              | 6531.30                               | 6533.17                               | -1.87         |
|         |         |          |             | 6/24/2006  | 1635              | 6531.06                               | 6533.37                               | -2.31         |
|         |         |          |             | 9/2/2006   | 1705              | 6530.93                               | 6533.58                               | -2.65         |
|         |         |          |             | 11/10/2006 | 1775              | 6529.76                               | 6533.77                               | -4.02         |
|         |         |          |             | 1/20/2007  | 1845              | 6528.52                               | 6533.41                               | -4.89         |
|         |         |          |             | 3/30/2007  | 1915              | 6529.17                               | 6532.64                               | -3.47         |
|         |         |          |             | 6/9/2007   | 1985              | 6528.80                               | 6532.04                               | -3.24         |
|         |         |          |             | 8/18/2007  | 2055              | 6528.47                               | 6531.72                               | -3.25         |
|         |         |          |             | 10/26/2007 | 2125              | 6529.07                               | 6531.41                               | -2.34         |
|         |         |          |             | 1/5/2008   | 2195              | 6528.94                               | 6531.12                               | -2.19         |
|         |         |          |             | 3/14/2008  | 2265              | 6528.71                               | 6530.72                               | -2.01         |
|         |         |          |             | 5/24/2008  | 2335              | 6527.76                               | 6530.44                               | -2.69         |
|         |         |          |             | 8/2/2008   | 2405              | 6526.95                               | 6530.27                               | -3.32         |
|         |         |          |             | 10/10/2008 | 2475              | 6527.76                               | 6530.11                               | -2.35         |
|         |         |          |             | 12/19/2008 | 2545              | 6529.72                               | 6529.97                               | -0.25         |
|         |         |          |             | 2/27/2009  | 2615              | 6530.96                               | 6530.14                               | 0.82          |
|         |         |          |             | 5/9/2009   | 2685              | 6530.83                               | 6530.30                               | 0.54          |
|         |         |          |             | 7/17/2009  | 2755              | 6530.81                               | 6530.43                               | 0.38          |
|         |         |          |             | 9/26/2009  | 2825              | 6530.57                               | 6530.54                               | 0.03          |
|         |         |          |             | 12/4/2009  | 2895              | 6530.82                               | 6530.65                               | 0.18          |
|         |         |          |             | 2/12/2010  | 2965              | 6531.18                               | 6530.12                               | 1.05          |
|         |         |          |             | 4/24/2010  | 3035              | 6531.39                               | 6529.91                               | 1.48          |
|         |         |          |             | 7/3/2010   | 3105              | 6531.77                               | 6529.90                               | 1.87          |
|         |         |          |             | 9/11/2010  | 3175              | 6530.97                               | 6529.93                               | 1.04          |
|         |         |          |             | 11/19/2010 | 3245              | 6531.66                               | 6530.02                               | 1.64          |
|         |         |          |             | 1/29/2011  | 3315              | 6533.03                               | 6530.87                               | 2.16          |
|         |         |          |             | 4/8/2011   | 3385              | 6532.56                               | 6531.64                               | 0.92          |
|         |         |          |             | 6/18/2011  | 3455              | 6532.85                               | 6532.32                               | 0.52          |
|         |         |          |             | 8/27/2011  | 3525              | 6533.47                               | 6532.75                               | 0.72          |
|         |         |          |             | 11/4/2011  | 3595              | 6534.15                               | 6533.17                               | 0.97          |
|         |         |          |             | 1/14/2012  | 3665              | 6533.78                               | 6533.46                               | 0.32          |
|         |         |          |             | 3/23/2012  | 3735              | 6533.63                               | 6533.60                               | 0.03          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| BA        | 489,440 | 1,541,835 | 1           | 6/1/2012   | 3805              | 6533.81                               | 6533.76                               | 0.04          |
|           |         |           |             | 8/10/2012  | 3875              | 6533.71                               | 6533.92                               | -0.20         |
|           |         |           |             | 10/19/2012 | 3945              | 6533.72                               | 6534.07                               | -0.35         |
|           |         |           |             | 12/29/2012 | 4015              | 6534.60                               | 6534.21                               | 0.38          |
|           |         |           |             | 3/8/2013   | 4085              | 6534.84                               | 6534.36                               | 0.48          |
|           |         |           |             | 5/17/2013  | 4155              | 6535.01                               | 6534.55                               | 0.46          |
|           |         |           |             | 8/18/2013  | 4247              | 6534.48                               | 6534.84                               | -0.36         |
|           |         |           |             | 1/24/2014  | 4407              | 6534.74                               | 6535.33                               | -0.59         |
|           |         |           |             | 4/4/2014   | 4477              | 6535.01                               | 6535.38                               | -0.37         |
|           |         |           |             | 6/13/2014  | 4547              | 6534.06                               | 6535.44                               | -1.38         |
|           |         |           |             | 8/28/2014  | 4622              | 6533.76                               | 6535.54                               | -1.78         |
|           |         |           |             | 11/14/2014 | 4701              | 6534.45                               | 6535.66                               | -1.21         |
|           |         |           |             | 1/23/2015  | 4771              | 6535.42                               | 6536.43                               | -1.01         |
|           |         |           |             | 4/3/2015   | 4841              | 6535.99                               | 6537.19                               | -1.20         |
|           |         |           |             | 6/12/2015  | 4911              | 6535.97                               | 6537.80                               | -1.83         |
|           |         |           |             | 9/5/2015   | 4995              | 6536.81                               | 6538.24                               | -1.44         |
|           |         |           |             | 11/20/2015 | 5072              | 6537.07                               | 6538.45                               | -1.38         |
|           |         |           |             | 1/29/2016  | 5142              | 6536.44                               | 6538.54                               | -2.10         |
|           |         |           |             | 4/8/2016   | 5212              | 6534.89                               | 6537.61                               | -2.72         |
|           |         |           |             | 6/17/2016  | 5282              | 6534.53                               | 6536.70                               | -2.17         |
|           |         |           |             | 1/19/2017  | 5498              | 6533.38                               | 6534.04                               | -0.67         |
|           |         |           |             | 4/21/2017  | 5590              | 6531.58                               | 6532.88                               | -1.29         |
|           |         |           |             | 6/30/2017  | 5660              | 6531.29                               | 6532.30                               | -1.01         |
|           |         |           |             | 9/8/2017   | 5730              | 6531.47                               | 6531.76                               | -0.29         |
|           |         |           |             | 11/17/2017 | 5800              | 6531.13                               | 6531.29                               | -0.16         |
|           |         |           |             | 1/2/2018   | 5845              | 6532.75                               | 6530.99                               | 1.76          |
|           |         |           |             | 1/9/2018   | 5852              | 6538.32                               | 6531.03                               | 7.29          |
|           |         |           |             | 1/16/2018  | 5859              | 6532.00                               | 6531.04                               | 0.96          |
|           |         |           |             | 1/23/2018  | 5866              | 6534.02                               | 6531.02                               | 3.00          |
|           |         |           |             | 1/30/2018  | 5873              | 6533.96                               | 6531.01                               | 2.95          |
|           |         |           |             | 2/6/2018   | 5880              | 6534.48                               | 6530.97                               | 3.51          |
|           |         |           |             | 2/13/2018  | 5887              | 6534.07                               | 6530.93                               | 3.14          |
|           |         |           |             | 2/21/2018  | 5895              | 6533.88                               | 6530.88                               | 3.00          |
|           |         |           |             | 2/27/2018  | 5901              | 6534.33                               | 6530.84                               | 3.49          |
| 3/6/2018  | 5908    | 6535.24   | 6530.80     | 4.44       |                   |                                       |                                       |               |
| 3/13/2018 | 5915    | 6533.92   | 6530.74     | 3.18       |                   |                                       |                                       |               |
| 3/20/2018 | 5922    | 6534.06   | 6530.68     | 3.38       |                   |                                       |                                       |               |
| 3/27/2018 | 5929    | 6535.06   | 6530.62     | 4.44       |                   |                                       |                                       |               |
| 4/3/2018  | 5936    | 6533.78   | 6530.56     | 3.22       |                   |                                       |                                       |               |
| 4/10/2018 | 5943    | 6533.88   | 6530.50     | 3.38       |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 4/17/2018  | 5950              | 6533.98                               | 6530.45                               | 3.53          |
|         |         |          |             | 4/24/2018  | 5957              | 6532.80                               | 6530.39                               | 2.41          |
|         |         |          |             | 5/1/2018   | 5964              | 6532.99                               | 6530.33                               | 2.66          |
|         |         |          |             | 5/8/2018   | 5971              | 6532.93                               | 6530.27                               | 2.66          |
|         |         |          |             | 5/15/2018  | 5978              | 6530.14                               | 6530.21                               | -0.07         |
|         |         |          |             | 5/22/2018  | 5985              | 6528.82                               | 6530.15                               | -1.33         |
|         |         |          |             | 5/29/2018  | 5992              | 6532.38                               | 6530.09                               | 2.29          |
|         |         |          |             | 6/5/2018   | 5999              | 6532.37                               | 6530.03                               | 2.34          |
|         |         |          |             | 6/12/2018  | 6006              | 6532.17                               | 6529.97                               | 2.20          |
|         |         |          |             | 6/19/2018  | 6013              | 6531.98                               | 6529.91                               | 2.07          |
|         |         |          |             | 6/26/2018  | 6020              | 6531.63                               | 6529.86                               | 1.77          |
|         |         |          |             | 7/3/2018   | 6027              | 6531.66                               | 6529.80                               | 1.86          |
|         |         |          |             | 7/10/2018  | 6034              | 6532.02                               | 6529.74                               | 2.28          |
|         |         |          |             | 7/17/2018  | 6041              | 6531.67                               | 6529.68                               | 1.99          |
|         |         |          |             | 7/24/2018  | 6048              | 6531.69                               | 6529.62                               | 2.07          |
|         |         |          |             | 7/31/2018  | 6055              | 6531.46                               | 6529.56                               | 1.90          |
|         |         |          |             | 8/7/2018   | 6062              | 6531.61                               | 6529.50                               | 2.11          |
|         |         |          |             | 8/14/2018  | 6069              | 6531.23                               | 6529.44                               | 1.79          |
|         |         |          |             | 8/21/2018  | 6076              | 6531.11                               | 6529.38                               | 1.73          |
|         |         |          |             | 8/28/2018  | 6083              | 6532.55                               | 6529.32                               | 3.23          |
|         |         |          |             | 9/4/2018   | 6090              | 6532.17                               | 6529.26                               | 2.91          |
|         |         |          |             | 9/11/2018  | 6097              | 6532.42                               | 6529.20                               | 3.22          |
|         |         |          |             | 9/18/2018  | 6104              | 6532.40                               | 6529.15                               | 3.25          |
|         |         |          |             | 9/25/2018  | 6111              | 6530.88                               | 6529.09                               | 1.79          |
|         |         |          |             | 10/2/2018  | 6118              | 6518.24                               | 6529.04                               | -10.80        |
|         |         |          |             | 10/9/2018  | 6125              | 6531.13                               | 6528.98                               | 2.15          |
|         |         |          |             | 10/16/2018 | 6132              | 6530.11                               | 6528.92                               | 1.19          |
|         |         |          |             | 10/23/2018 | 6139              | 6530.01                               | 6528.87                               | 1.14          |
|         |         |          |             | 10/30/2018 | 6146              | 6529.63                               | 6528.81                               | 0.82          |
|         |         |          |             | 11/6/2018  | 6153              | 6529.53                               | 6528.76                               | 0.77          |
|         |         |          |             | 11/13/2018 | 6160              | 6529.23                               | 6528.70                               | 0.53          |
|         |         |          |             | 11/20/2018 | 6167              | 6530.97                               | 6528.65                               | 2.32          |
|         |         |          |             | 11/27/2018 | 6174              | 6529.58                               | 6528.59                               | 0.99          |
|         |         |          |             | 12/4/2018  | 6181              | 6529.75                               | 6528.54                               | 1.21          |
|         |         |          |             | 12/11/2018 | 6188              | 6529.39                               | 6528.48                               | 0.91          |
|         |         |          |             | 12/18/2018 | 6195              | 6530.53                               | 6528.42                               | 2.11          |
|         |         |          |             | 12/20/2018 | 6197              | 6529.38                               | 6528.41                               | 0.97          |
|         |         |          |             | 1/8/2019   | 6216              | 6530.61                               | 6528.07                               | 2.54          |
|         |         |          |             | 1/15/2019  | 6223              | 6531.23                               | 6527.91                               | 3.32          |
|         |         |          |             | 1/22/2019  | 6230              | 6529.60                               | 6527.82                               | 1.78          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 1/29/2019  | 6237              | 6530.98                               | 6527.73                               | 3.25          |
|         |         |          |             | 2/5/2019   | 6244              | 6528.89                               | 6527.67                               | 1.22          |
|         |         |          |             | 2/12/2019  | 6251              | 6530.24                               | 6527.63                               | 2.61          |
|         |         |          |             | 2/20/2019  | 6259              | 6531.48                               | 6527.59                               | 3.89          |
|         |         |          |             | 2/26/2019  | 6265              | 6530.58                               | 6527.56                               | 3.02          |
|         |         |          |             | 3/5/2019   | 6272              | 6531.49                               | 6527.52                               | 3.97          |
|         |         |          |             | 3/12/2019  | 6279              | 6534.23                               | 6527.51                               | 6.72          |
|         |         |          |             | 3/19/2019  | 6286              | 6531.47                               | 6527.50                               | 3.97          |
|         |         |          |             | 3/26/2019  | 6293              | 6530.98                               | 6527.49                               | 3.49          |
|         |         |          |             | 4/2/2019   | 6300              | 6533.07                               | 6527.48                               | 5.59          |
|         |         |          |             | 4/9/2019   | 6307              | 6531.36                               | 6527.47                               | 3.89          |
|         |         |          |             | 4/16/2019  | 6314              | 6531.87                               | 6527.46                               | 4.41          |
|         |         |          |             | 4/23/2019  | 6321              | 6531.58                               | 6527.44                               | 4.14          |
|         |         |          |             | 4/30/2019  | 6328              | 6531.75                               | 6527.43                               | 4.32          |
|         |         |          |             | 5/7/2019   | 6335              | 6531.58                               | 6527.42                               | 4.16          |
|         |         |          |             | 5/14/2019  | 6342              | 6531.58                               | 6527.42                               | 4.16          |
|         |         |          |             | 5/21/2019  | 6349              | 6531.78                               | 6527.41                               | 4.37          |
|         |         |          |             | 5/29/2019  | 6357              | 6531.58                               | 6527.41                               | 4.17          |
|         |         |          |             | 6/4/2019   | 6363              | 6531.66                               | 6527.40                               | 4.26          |
|         |         |          |             | 6/11/2019  | 6370              | 6531.58                               | 6527.40                               | 4.18          |
|         |         |          |             | 7/2/2019   | 6391              | 6531.08                               | 6527.38                               | 3.70          |
|         |         |          |             | 7/9/2019   | 6398              | 6531.05                               | 6527.37                               | 3.68          |
|         |         |          |             | 7/16/2019  | 6405              | 6530.48                               | 6527.37                               | 3.11          |
|         |         |          |             | 7/23/2019  | 6412              | 6530.18                               | 6527.36                               | 2.82          |
|         |         |          |             | 7/30/2019  | 6419              | 6531.93                               | 6527.36                               | 4.57          |
|         |         |          |             | 8/6/2019   | 6426              | 6531.18                               | 6527.35                               | 3.83          |
|         |         |          |             | 8/13/2019  | 6433              | 6531.01                               | 6527.35                               | 3.66          |
|         |         |          |             | 8/20/2019  | 6440              | 6530.90                               | 6527.34                               | 3.56          |
|         |         |          |             | 8/27/2019  | 6447              | 6531.31                               | 6527.34                               | 3.97          |
|         |         |          |             | 9/3/2019   | 6454              | 6531.11                               | 6527.33                               | 3.78          |
|         |         |          |             | 9/10/2019  | 6461              | 6531.38                               | 6527.32                               | 4.06          |
|         |         |          |             | 9/17/2019  | 6468              | 6527.18                               | 6527.32                               | -0.14         |
|         |         |          |             | 9/24/2019  | 6475              | 6530.91                               | 6527.31                               | 3.60          |
|         |         |          |             | 10/1/2019  | 6482              | 6531.18                               | 6527.30                               | 3.88          |
|         |         |          |             | 10/8/2019  | 6489              | 6531.12                               | 6527.30                               | 3.82          |
|         |         |          |             | 10/15/2019 | 6496              | 6531.85                               | 6527.29                               | 4.56          |
|         |         |          |             | 10/22/2019 | 6503              | 6530.79                               | 6527.28                               | 3.51          |
|         |         |          |             | 10/29/2019 | 6510              | 6530.94                               | 6527.28                               | 3.66          |
|         |         |          |             | 11/5/2019  | 6517              | 6531.05                               | 6527.27                               | 3.78          |
|         |         |          |             | 11/12/2019 | 6524              | 6530.93                               | 6527.26                               | 3.67          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 11/19/2019 | 6531              | 6531.00                               | 6527.25                               | 3.75          |
|            |         |           |             | 11/26/2019 | 6538              | 6530.27                               | 6527.25                               | 3.02          |
|            |         |           |             | 12/3/2019  | 6545              | 6529.97                               | 6527.24                               | 2.73          |
|            |         |           |             | 12/10/2019 | 6552              | 6530.10                               | 6527.23                               | 2.87          |
|            |         |           |             | 12/17/2019 | 6559              | 6529.83                               | 6527.23                               | 2.60          |
|            |         |           |             | 12/24/2019 | 6566              | 6529.78                               | 6527.22                               | 2.56          |
|            |         |           |             | 12/31/2019 | 6573              | 6529.58                               | 6527.21                               | 2.37          |
| BC         | 487,910 | 1,543,655 | 1           | 6/13/2002  | 164               | 6522.65                               | 6533.54                               | -10.89        |
|            |         |           |             | 12/6/2002  | 340               | 6523.49                               | 6533.59                               | -10.10        |
|            |         |           |             | 6/25/2003  | 541               | 6522.43                               | 6534.30                               | -11.87        |
|            |         |           |             | 12/13/2003 | 711               | 6524.23                               | 6534.68                               | -10.45        |
|            |         |           |             | 3/25/2004  | 815               | 6525.73                               | 6534.13                               | -8.40         |
|            |         |           |             | 5/25/2004  | 876               | 6526.39                               | 6533.84                               | -7.45         |
|            |         |           |             | 12/9/2004  | 1073              | 6527.45                               | 6533.62                               | -6.17         |
|            |         |           |             | 11/8/2005  | 1407              | 6526.45                               | 6534.11                               | -7.66         |
|            |         |           |             | 12/3/2005  | 1432              | 6526.48                               | 6534.17                               | -7.69         |
|            |         |           |             | 9/26/2006  | 1730              | 6530.34                               | 6535.13                               | -4.79         |
|            |         |           |             | 12/21/2006 | 1815              | 6529.10                               | 6535.35                               | -6.25         |
|            |         |           |             | 6/28/2007  | 2004              | 6533.11                               | 6534.27                               | -1.16         |
|            |         |           |             | 11/13/2007 | 2143              | 6527.20                               | 6533.67                               | -6.47         |
|            |         |           |             | 6/18/2008  | 2360              | 6529.67                               | 6533.29                               | -3.62         |
|            |         |           |             | 12/4/2008  | 2529              | 6528.71                               | 6533.14                               | -4.43         |
|            |         |           |             | 6/23/2009  | 2731              | 6531.31                               | 6533.17                               | -1.86         |
|            |         |           |             | 12/10/2009 | 2901              | 6531.01                               | 6533.30                               | -2.29         |
|            |         |           |             | 12/10/2010 | 3266              | 6534.61                               | 6538.77                               | -4.16         |
|            |         |           |             | 12/14/2010 | 3269              | 6533.07                               | 6538.79                               | -5.72         |
|            |         |           |             | 11/12/2011 | 3602              | 6536.27                               | 6542.33                               | -6.06         |
|            |         |           |             | 12/6/2011  | 3626              | 6535.01                               | 6542.46                               | -7.45         |
|            |         |           |             | 11/15/2012 | 3972              | 6534.44                               | 6544.33                               | -9.89         |
|            |         |           |             | 11/16/2012 | 3972              | 6538.24                               | 6544.34                               | -6.10         |
|            |         |           |             | 12/13/2013 | 4365              | 6538.09                               | 6545.17                               | -7.08         |
|            |         |           |             | 5/22/2015  | 4889              | 6537.09                               | 6541.15                               | -4.06         |
|            |         |           |             | 11/25/2015 | 5076              | 6539.26                               | 6540.12                               | -0.86         |
|            |         |           |             | 12/13/2016 | 5460              | 6538.12                               | 6538.55                               | -0.43         |
|            |         |           |             | 6/28/2017  | 5658              | 6536.31                               | 6536.27                               | 0.04          |
|            |         |           |             | 12/6/2017  | 5818              | 6535.92                               | 6535.09                               | 0.83          |
|            |         |           |             | 6/12/2018  | 6007              | 6537.26                               | 6534.12                               | 3.14          |
| 12/27/2018 | 6204    | 6536.41   | 6532.93     | 3.48       |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6534.88   | 6529.91     | 4.97       |                   |                                       |                                       |               |
| 12/18/2019 | 6561    | 6535.24   | 6529.91     | 5.33       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID  | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| BP       | 489,841 | 1,541,882 | 1           | 7/17/2002  | 198               | 6523.86                               | 6522.20                               | 1.66          |
|          |         |           |             | 1/9/2004   | 739               | 6524.81                               | 6524.41                               | 0.40          |
|          |         |           |             | 12/15/2004 | 1080              | 6525.19                               | 6527.01                               | -1.82         |
|          |         |           |             | 12/4/2005  | 1434              | 6528.32                               | 6532.60                               | -4.28         |
|          |         |           |             | 9/26/2006  | 1729              | 6529.97                               | 6533.59                               | -3.62         |
|          |         |           |             | 8/22/2007  | 2060              | 6526.59                               | 6531.56                               | -4.97         |
|          |         |           |             | 8/27/2009  | 2795              | 6527.20                               | 6530.01                               | -2.81         |
|          |         |           |             | 12/11/2010 | 3267              | 6529.38                               | 6529.36                               | 0.02          |
|          |         |           |             | 11/1/2011  | 3592              | 6531.19                               | 6532.49                               | -1.30         |
|          |         |           |             | 11/15/2012 | 3971              | 6530.87                               | 6533.08                               | -2.21         |
|          |         |           |             | 3/23/2017  | 5560              | 6528.90                               | 6531.95                               | -3.05         |
|          |         |           |             | 3/8/2018   | 5911              | 6533.66                               | 6529.71                               | 3.95          |
|          |         |           |             | 7/2/2019   | 6391              | 6529.10                               | 6526.80                               | 2.30          |
|          |         |           |             | 12/14/2019 | 6557              | 6529.30                               | 6526.82                               | 2.48          |
| C1       | 490,780 | 1,541,533 | 1           | 2/14/2002  | 45                | 6532.55                               | 6534.30                               | -1.75         |
|          |         |           |             | 8/22/2002  | 234               | 6533.78                               | 6534.33                               | -0.55         |
|          |         |           |             | 2/25/2003  | 420               | 6535.38                               | 6534.50                               | 0.88          |
|          |         |           |             | 8/29/2003  | 606               | 6536.23                               | 6535.20                               | 1.03          |
|          |         |           |             | 9/1/2004   | 974               | 6536.67                               | 6541.35                               | -4.68         |
|          |         |           |             | 9/29/2005  | 1368              | 6538.86                               | 6541.90                               | -3.04         |
|          |         |           |             | 9/26/2006  | 1730              | 6539.90                               | 6543.98                               | -4.08         |
|          |         |           |             | 8/22/2007  | 2060              | 6538.01                               | 6543.68                               | -5.67         |
|          |         |           |             | 10/28/2008 | 2493              | 6536.12                               | 6542.69                               | -6.57         |
|          |         |           |             | 7/30/2009  | 2768              | 6538.26                               | 6542.71                               | -4.45         |
|          |         |           |             | 10/18/2011 | 3578              | 6539.96                               | 6541.91                               | -1.95         |
|          |         |           |             | 11/14/2012 | 3970              | 6540.15                               | 6541.85                               | -1.70         |
|          |         |           |             | 3/22/2017  | 5560              | 6535.66                               | 6539.36                               | -3.70         |
|          |         |           |             | 12/17/2019 | 6559              | 6533.03                               | 6533.29                               | -0.26         |
| C10      | 491,629 | 1,542,182 | 1           | 9/28/2006  | 1732              | 6537.56                               | 6542.51                               | -4.95         |
|          |         |           |             | 3/22/2007  | 1906              | 6537.24                               | 6543.59                               | -6.35         |
|          |         |           |             | 9/25/2007  | 2093              | 6537.06                               | 6543.75                               | -6.69         |
|          |         |           |             | 12/18/2007 | 2178              | 6537.43                               | 6543.76                               | -6.33         |
|          |         |           |             | 6/18/2008  | 2360              | 6537.22                               | 6543.45                               | -6.23         |
|          |         |           |             | 3/10/2009  | 2626              | 6536.40                               | 6543.21                               | -6.81         |
|          |         |           |             | 6/3/2009   | 2711              | 6536.98                               | 6543.37                               | -6.39         |
|          |         |           |             | 11/5/2009  | 2865              | 6535.56                               | 6543.66                               | -8.10         |
|          |         |           |             | 5/6/2010   | 3048              | 6536.86                               | 6543.78                               | -6.92         |
|          |         |           |             | 3/27/2014  | 4469              | 6535.88                               | 6539.78                               | -3.90         |
|          |         |           |             | 6/12/2014  | 4545              | 6539.75                               | 6539.81                               | -0.06         |
| 4/1/2015 | 4838    | 6538.29   | 6540.79     | -2.50      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 6/10/2015  | 4908              | 6540.15                               | 6541.15                               | -1.00         |
|            |         |           |             | 6/12/2015  | 4910              | 6538.96                               | 6541.16                               | -2.20         |
|            |         |           |             | 3/16/2016  | 5188              | 6538.30                               | 6539.48                               | -1.18         |
|            |         |           |             | 3/8/2018   | 5910              | 6531.34                               | 6530.49                               | 0.85          |
|            |         |           |             | 9/21/2018  | 6107              | 6529.59                               | 6528.38                               | 1.21          |
| C11        | 491,844 | 1,542,376 | 1           | 9/28/2006  | 1731              | 6539.50                               | 6545.31                               | -5.81         |
|            |         |           |             | 3/22/2007  | 1906              | 6539.49                               | 6546.14                               | -6.65         |
|            |         |           |             | 9/25/2007  | 2093              | 6539.48                               | 6546.14                               | -6.66         |
|            |         |           |             | 12/18/2007 | 2178              | 6539.98                               | 6546.14                               | -6.16         |
|            |         |           |             | 6/18/2008  | 2360              | 6539.76                               | 6545.91                               | -6.15         |
|            |         |           |             | 3/10/2009  | 2626              | 6539.00                               | 6545.82                               | -6.82         |
|            |         |           |             | 6/3/2009   | 2711              | 6539.65                               | 6546.07                               | -6.42         |
|            |         |           |             | 8/22/2009  | 2791              | 6539.98                               | 6546.25                               | -6.27         |
|            |         |           |             | 6/12/2015  | 4910              | 6539.57                               | 6543.08                               | -3.51         |
|            |         |           |             | 9/30/2016  | 5387              | 6539.51                               | 6534.97                               | 4.54          |
|            |         |           |             | 3/8/2018   | 5910              | 6524.60                               | 6530.86                               | -6.26         |
|            |         |           |             | 11/6/2019  | 6519              | 6538.30                               | 6529.65                               | 8.65          |
|            |         |           |             | C12        | 492,029           | 1,542,375                             | 1                                     | 9/28/2006     |
| 3/22/2007  | 1906    | 6540.30   | 6548.03     |            |                   |                                       |                                       | -7.73         |
| 9/25/2007  | 2093    | 6540.52   | 6547.95     |            |                   |                                       |                                       | -7.43         |
| 12/18/2007 | 2178    | 6540.71   | 6547.94     |            |                   |                                       |                                       | -7.23         |
| 6/18/2008  | 2360    | 6540.61   | 6547.81     |            |                   |                                       |                                       | -7.20         |
| 3/10/2009  | 2626    | 6539.95   | 6547.77     |            |                   |                                       |                                       | -7.82         |
| 6/3/2009   | 2711    | 6540.89   | 6548.00     |            |                   |                                       |                                       | -7.11         |
| 8/22/2009  | 2791    | 6538.77   | 6548.17     |            |                   |                                       |                                       | -9.40         |
| 11/5/2009  | 2865    | 6539.54   | 6548.33     |            |                   |                                       |                                       | -8.79         |
| 5/6/2010   | 3048    | 6536.95   | 6548.25     |            |                   |                                       |                                       | -11.30        |
| 8/3/2010   | 3137    | 6534.60   | 6548.16     |            |                   |                                       |                                       | -13.56        |
| 3/27/2014  | 4469    | 6544.43   | 6545.22     |            |                   |                                       |                                       | -0.79         |
| 4/1/2015   | 4838    | 6534.41   | 6545.71     |            |                   |                                       |                                       | -11.30        |
| 6/10/2015  | 4908    | 6545.55   | 6545.73     |            |                   |                                       |                                       | -0.18         |
| 6/12/2015  | 4910    | 6542.55   | 6545.73     |            |                   |                                       |                                       | -3.18         |
| 3/16/2016  | 5188    | 6543.85   | 6543.31     |            |                   |                                       |                                       | 0.54          |
| 9/30/2016  | 5387    | 6534.15   | 6538.96     |            |                   |                                       |                                       | -4.81         |
| 3/8/2018   | 5910    | 6548.41   | 6534.63     |            |                   |                                       |                                       | 13.78         |
| 11/2/2019  | 6515    | 6555.29   | 6532.99     |            |                   |                                       |                                       | 22.30         |
|            |         |           |             |            |                   |                                       |                                       | 2/14/2002     |
|            |         |           |             | 8/22/2002  | 234               | 6530.88                               | 6531.24                               | -0.36         |
|            |         |           |             | 2/25/2003  | 420               | 6532.12                               | 6531.42                               | 0.70          |
|            |         |           |             | 8/29/2003  | 605               | 6533.12                               | 6532.16                               | 0.96          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| C2        | 490,566 | 1,541,630 | 1           | 9/1/2004   | 975               | 6534.08                               | 6537.57                               | -3.49         |
|           |         |           |             | 9/29/2005  | 1367              | 6536.74                               | 6540.64                               | -3.90         |
|           |         |           |             | 9/26/2006  | 1730              | 6537.62                               | 6542.58                               | -4.96         |
|           |         |           |             | 3/31/2007  | 1915              | 6536.51                               | 6542.48                               | -5.97         |
|           |         |           |             | 8/23/2007  | 2060              | 6535.82                               | 6541.96                               | -6.14         |
|           |         |           |             | 10/28/2008 | 2493              | 6533.90                               | 6540.80                               | -6.90         |
|           |         |           |             | 7/30/2009  | 2768              | 6536.12                               | 6540.90                               | -4.78         |
|           |         |           |             | 10/18/2011 | 3578              | 6538.42                               | 6540.59                               | -2.17         |
|           |         |           |             | 11/14/2012 | 3970              | 6538.44                               | 6540.76                               | -2.32         |
|           |         |           |             | 3/8/2018   | 5910              | 6532.27                               | 6535.71                               | -3.44         |
|           |         |           |             | 3/28/2019  | 6296              | 6530.69                               | 6532.84                               | -2.15         |
| C5        | 490,869 | 1,541,344 | 1           | 10/22/2002 | 295               | 6535.99                               | 6538.56                               | -2.57         |
|           |         |           |             | 1/13/2004  | 742               | 6538.64                               | 6540.25                               | -1.61         |
|           |         |           |             | 11/10/2004 | 1044              | 6537.77                               | 6544.16                               | -6.39         |
|           |         |           |             | 9/29/2005  | 1368              | 6540.92                               | 6544.04                               | -3.12         |
|           |         |           |             | 11/8/2005  | 1408              | 6540.34                               | 6544.08                               | -3.74         |
|           |         |           |             | 10/17/2007 | 2115              | 6539.46                               | 6545.25                               | -5.79         |
|           |         |           |             | 10/25/2008 | 2490              | 6537.73                               | 6544.48                               | -6.75         |
|           |         |           |             | 10/22/2009 | 2852              | 6536.45                               | 6544.54                               | -8.09         |
|           |         |           |             | 11/1/2011  | 3592              | 6541.15                               | 6543.63                               | -2.48         |
|           |         |           |             | 11/15/2012 | 3972              | 6541.35                               | 6543.59                               | -2.24         |
|           |         |           |             | 3/23/2017  | 5560              | 6537.00                               | 6541.25                               | -4.25         |
|           |         |           |             | 3/8/2018   | 5910              | 6536.63                               | 6538.52                               | -1.89         |
|           |         |           |             | 3/28/2019  | 6296              | 6535.03                               | 6536.20                               | -1.17         |
| C6        | 491,142 | 1,541,533 | 1           | 9/28/2006  | 1732              | 6538.89                               | 6544.07                               | -5.18         |
|           |         |           |             | 3/22/2007  | 1907              | 6537.17                               | 6544.64                               | -7.47         |
|           |         |           |             | 9/25/2007  | 2094              | 6536.90                               | 6544.33                               | -7.43         |
|           |         |           |             | 12/18/2007 | 2178              | 6537.21                               | 6544.16                               | -6.95         |
|           |         |           |             | 6/18/2008  | 2360              | 6536.39                               | 6543.80                               | -7.41         |
|           |         |           |             | 3/10/2009  | 2626              | 6537.61                               | 6543.44                               | -5.83         |
|           |         |           |             | 6/3/2009   | 2711              | 6536.89                               | 6543.46                               | -6.57         |
|           |         |           |             | 11/5/2009  | 2865              | 6534.86                               | 6543.57                               | -8.71         |
|           |         |           |             | 5/6/2010   | 3048              | 6531.20                               | 6543.54                               | -12.34        |
|           |         |           |             | 8/3/2010   | 3137              | 6531.04                               | 6543.45                               | -12.41        |
|           |         |           |             | 3/8/2013   | 4084              | 6532.36                               | 6540.78                               | -8.42         |
|           |         |           |             | 11/1/2013  | 4322              | 6528.34                               | 6541.21                               | -12.87        |
|           |         |           |             | 3/27/2014  | 4469              | 6536.91                               | 6541.26                               | -4.35         |
|           |         |           |             | 6/12/2014  | 4545              | 6537.58                               | 6541.22                               | -3.64         |
|           |         |           |             | 4/1/2015   | 4838              | 6528.83                               | 6541.88                               | -13.05        |
| 6/10/2015 | 4908    | 6543.01   | 6542.25     | 0.76       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 6/12/2015  | 4910              | 6535.97                               | 6542.27                               | -6.30         |
|           |         |           |             | 3/16/2016  | 5188              | 6529.29                               | 6542.35                               | -13.06        |
|           |         |           |             | 3/8/2018   | 5910              | 6524.01                               | 6535.71                               | -11.70        |
|           |         |           |             | 10/1/2019  | 6482              | 6557.11                               | 6533.30                               | 23.81         |
|           |         |           |             | 11/2/2019  | 6515              | 6506.72                               | 6533.23                               | -26.51        |
| C7        | 491,280 | 1,541,734 | 1           | 9/28/2006  | 1732              | 6538.64                               | 6542.61                               | -3.97         |
|           |         |           |             | 3/22/2007  | 1906              | 6537.10                               | 6543.47                               | -6.37         |
|           |         |           |             | 9/25/2007  | 2093              | 6536.84                               | 6543.42                               | -6.58         |
|           |         |           |             | 12/18/2007 | 2178              | 6537.16                               | 6543.34                               | -6.18         |
|           |         |           |             | 6/18/2008  | 2360              | 6536.54                               | 6542.98                               | -6.44         |
|           |         |           |             | 3/10/2009  | 2626              | 6537.14                               | 6542.61                               | -5.47         |
|           |         |           |             | 6/3/2009   | 2711              | 6536.66                               | 6542.65                               | -5.99         |
|           |         |           |             | 11/5/2009  | 2865              | 6534.81                               | 6542.79                               | -7.98         |
|           |         |           |             | 3/8/2013   | 4084              | 6535.99                               | 6538.90                               | -2.91         |
|           |         |           |             | 4/2/2014   | 4475              | 6536.31                               | 6539.72                               | -3.41         |
|           |         |           |             | 6/12/2014  | 4545              | 6537.03                               | 6539.69                               | -2.66         |
|           |         |           |             | 6/10/2015  | 4908              | 6537.97                               | 6540.97                               | -3.00         |
|           |         |           |             | 11/2/2019  | 6515              | 6539.48                               | 6531.30                               | 8.18          |
| C8        | 491,415 | 1,541,906 | 1           | 9/28/2006  | 1732              | 6538.23                               | 6541.98                               | -3.75         |
|           |         |           |             | 3/22/2007  | 1906              | 6537.34                               | 6543.03                               | -5.69         |
|           |         |           |             | 9/25/2007  | 2093              | 6537.06                               | 6543.16                               | -6.10         |
|           |         |           |             | 12/18/2007 | 2178              | 6537.39                               | 6543.12                               | -5.73         |
|           |         |           |             | 6/18/2008  | 2360              | 6536.89                               | 6542.79                               | -5.90         |
|           |         |           |             | 3/10/2009  | 2626              | 6537.10                               | 6542.44                               | -5.34         |
|           |         |           |             | 6/3/2009   | 2711              | 6536.71                               | 6542.50                               | -5.79         |
|           |         |           |             | 8/22/2009  | 2791              | 6521.21                               | 6542.60                               | -21.39        |
|           |         |           |             | 11/5/2009  | 2865              | 6535.38                               | 6542.69                               | -7.31         |
|           |         |           |             | 5/6/2010   | 3048              | 6524.22                               | 6542.80                               | -18.58        |
|           |         |           |             | 8/3/2010   | 3137              | 6523.82                               | 6542.77                               | -18.95        |
|           |         |           |             | 3/8/2013   | 4084              | 6518.31                               | 6538.15                               | -19.84        |
|           |         |           |             | 10/31/2013 | 4321              | 6506.76                               | 6539.13                               | -32.37        |
|           |         |           |             | 3/27/2014  | 4469              | 6535.48                               | 6539.31                               | -3.83         |
|           |         |           |             | 6/12/2014  | 4545              | 6538.18                               | 6539.30                               | -1.12         |
|           |         |           |             | 4/1/2015   | 4838              | 6516.09                               | 6540.19                               | -24.10        |
|           |         |           |             | 6/10/2015  | 4908              | 6547.84                               | 6540.64                               | 7.20          |
|           |         |           |             | 6/12/2015  | 4910              | 6519.89                               | 6540.65                               | -20.76        |
|           |         |           |             | 3/16/2016  | 5188              | 6529.14                               | 6540.04                               | -10.90        |
|           |         |           |             | 9/21/2017  | 5743              | 6556.09                               | 6533.40                               | 22.69         |
| 3/8/2018  | 5910    | 6533.29   | 6532.00     | 1.29       |                   |                                       |                                       |               |
| 10/1/2019 | 6482    | 6525.99   | 6530.17     | -4.18      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 11/2/2019  | 6515              | 6524.72                               | 6530.19                               | -5.47         |
| C9        | 491,545 | 1,542,075 | 1           | 9/28/2006  | 1732              | 6538.75                               | 6542.02                               | -3.27         |
|           |         |           |             | 3/22/2007  | 1906              | 6538.31                               | 6543.14                               | -4.83         |
|           |         |           |             | 9/25/2007  | 2093              | 6538.05                               | 6543.32                               | -5.27         |
|           |         |           |             | 12/18/2007 | 2178              | 6538.44                               | 6543.31                               | -4.87         |
|           |         |           |             | 6/18/2008  | 2360              | 6538.14                               | 6543.00                               | -4.86         |
|           |         |           |             | 3/10/2009  | 2626              | 6538.05                               | 6542.70                               | -4.65         |
|           |         |           |             | 6/3/2009   | 2711              | 6537.76                               | 6542.82                               | -5.06         |
|           |         |           |             | 11/5/2009  | 2865              | 6536.51                               | 6543.06                               | -6.55         |
|           |         |           |             | 3/8/2013   | 4084              | 6531.28                               | 6537.75                               | -6.47         |
|           |         |           |             | 11/1/2013  | 4322              | 6536.63                               | 6539.02                               | -2.39         |
|           |         |           |             | 3/27/2014  | 4469              | 6534.45                               | 6539.23                               | -4.78         |
|           |         |           |             | 6/12/2014  | 4545              | 6538.74                               | 6539.24                               | -0.50         |
|           |         |           |             | 6/10/2015  | 4909              | 6539.03                               | 6540.65                               | -1.62         |
|           |         |           |             | 3/8/2018   | 5910              | 6526.45                               | 6530.74                               | -4.29         |
|           |         |           |             | 11/2/2019  | 6515              | 6528.04                               | 6529.20                               | -1.16         |
| CW44      | 488,890 | 1,535,048 | 1           | 12/16/2010 | 3271              | 6501.53                               | 6506.33                               | -4.80         |
|           |         |           |             | 4/19/2011  | 3395              | 6502.58                               | 6506.74                               | -4.16         |
|           |         |           |             | 8/10/2011  | 3509              | 6503.06                               | 6507.02                               | -3.96         |
|           |         |           |             | 12/7/2011  | 3627              | 6503.99                               | 6507.33                               | -3.34         |
|           |         |           |             | 10/10/2012 | 3936              | 6503.44                               | 6508.37                               | -4.93         |
|           |         |           |             | 11/15/2012 | 3971              | 6503.73                               | 6508.47                               | -4.74         |
|           |         |           |             | 3/7/2013   | 4083              | 6503.54                               | 6508.54                               | -5.00         |
|           |         |           |             | 11/15/2013 | 4337              | 6505.51                               | 6509.29                               | -3.78         |
|           |         |           |             | 12/12/2013 | 4363              | 6505.56                               | 6509.38                               | -3.82         |
|           |         |           |             | 9/10/2014  | 4636              | 6502.63                               | 6507.15                               | -4.52         |
|           |         |           |             | 4/26/2018  | 5959              | 6525.41                               | 6510.83                               | 14.58         |
|           |         |           |             | 8/2/2018   | 6057              | 6501.17                               | 6511.20                               | -10.03        |
|           |         |           |             | 1/29/2019  | 6237              | 6504.26                               | 6510.79                               | -6.53         |
|           |         |           |             | 2/26/2019  | 6265              | 6503.21                               | 6510.38                               | -7.17         |
| 3/26/2019 | 6293    | 6505.23   | 6510.08     | -4.85      |                   |                                       |                                       |               |
|           |         |           |             | 6/11/2002  | 161               | 6523.01                               | 6521.50                               | 1.51          |
|           |         |           |             | 6/25/2003  | 540               | 6523.23                               | 6522.90                               | 0.33          |
|           |         |           |             | 5/25/2004  | 876               | 6524.29                               | 6524.94                               | -0.65         |
|           |         |           |             | 3/15/2005  | 1170              | 6527.89                               | 6527.94                               | -0.05         |
|           |         |           |             | 7/6/2005   | 1283              | 6527.16                               | 6529.71                               | -2.55         |
|           |         |           |             | 3/15/2006  | 1534              | 6529.71                               | 6531.67                               | -1.96         |
|           |         |           |             | 7/25/2006  | 1667              | 6531.00                               | 6532.01                               | -1.01         |
|           |         |           |             | 3/9/2007   | 1894              | 6527.94                               | 6531.51                               | -3.57         |
|           |         |           |             | 7/3/2007   | 2009              | 6527.62                               | 6530.71                               | -3.09         |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| D1         | 489,615 | 1,542,140 | 1           | 3/11/2008  | 2262              | 6528.14                               | 6529.48                               | -1.34         |
|            |         |           |             | 7/3/2008   | 2375              | 6526.79                               | 6529.06                               | -2.27         |
|            |         |           |             | 3/3/2009   | 2618              | 6530.16                               | 6528.96                               | 1.20          |
|            |         |           |             | 7/14/2009  | 2751              | 6530.60                               | 6529.32                               | 1.28          |
|            |         |           |             | 3/9/2010   | 2989              | 6529.76                               | 6529.13                               | 0.63          |
|            |         |           |             | 8/18/2010  | 3151              | 6530.54                               | 6529.15                               | 1.39          |
|            |         |           |             | 3/16/2011  | 3361              | 6532.90                               | 6530.68                               | 2.22          |
|            |         |           |             | 3/27/2012  | 3739              | 6532.81                               | 6532.78                               | 0.03          |
|            |         |           |             | 7/3/2012   | 3836              | 6531.30                               | 6532.95                               | -1.65         |
|            |         |           |             | 3/5/2013   | 4082              | 6534.64                               | 6533.46                               | 1.18          |
|            |         |           |             | 7/9/2013   | 4207              | 6534.10                               | 6533.84                               | 0.26          |
|            |         |           |             | 3/19/2014  | 4461              | 6534.90                               | 6534.59                               | 0.31          |
|            |         |           |             | 7/24/2014  | 4587              | 6532.93                               | 6534.73                               | -1.80         |
|            |         |           |             | 3/18/2015  | 4824              | 6536.05                               | 6536.59                               | -0.54         |
|            |         |           |             | 7/16/2015  | 4945              | 6535.31                               | 6537.71                               | -2.40         |
|            |         |           |             | 3/16/2016  | 5188              | 6532.70                               | 6536.36                               | -3.66         |
|            |         |           |             | 7/12/2016  | 5306              | 6532.23                               | 6534.25                               | -2.02         |
|            |         |           |             | 3/21/2017  | 5558              | 6530.69                               | 6531.09                               | -0.40         |
|            |         |           |             | 6/29/2017  | 5658              | 6530.50                               | 6530.31                               | 0.19          |
|            |         |           |             | 3/6/2018   | 5908              | 6533.57                               | 6528.52                               | 5.05          |
|            |         |           |             | 3/23/2018  | 5925              | 6528.90                               | 6528.33                               | 0.57          |
|            |         |           |             | 6/13/2018  | 6008              | 6483.90                               | 6527.44                               | -43.54        |
|            |         |           |             | 7/12/2018  | 6037              | 6531.24                               | 6527.14                               | 4.10          |
|            |         |           |             | 9/18/2018  | 6104              | 6529.70                               | 6526.44                               | 3.26          |
| 12/6/2018  | 6183    | 6527.40   | 6525.70     | 1.70       |                   |                                       |                                       |               |
| 3/7/2019   | 6274    | 6530.70   | 6525.59     | 5.11       |                   |                                       |                                       |               |
| 7/20/2019  | 6409    | 6527.77   | 6525.95     | 1.82       |                   |                                       |                                       |               |
| DA3        | 489,390 | 1,542,664 | 1           | 6/12/2015  | 4911              | 6532.53                               | 6537.91                               | -5.38         |
|            |         |           |             | 5/3/2017   | 5602              | 6531.91                               | 6530.72                               | 1.19          |
|            |         |           |             | 4/6/2018   | 5940              | 6535.24                               | 6527.54                               | 7.70          |
|            |         |           |             | 6/13/2002  | 164               | 6525.45                               | 6529.65                               | -4.20         |
|            |         |           |             | 11/16/2002 | 319               | 6525.15                               | 6529.66                               | -4.51         |
|            |         |           |             | 6/25/2003  | 541               | 6524.53                               | 6529.48                               | -4.95         |
|            |         |           |             | 12/13/2003 | 712               | 6524.23                               | 6529.50                               | -5.27         |
|            |         |           |             | 3/25/2004  | 815               | 6524.44                               | 6529.11                               | -4.67         |
|            |         |           |             | 5/25/2004  | 876               | 6525.03                               | 6528.84                               | -3.81         |
|            |         |           |             | 12/9/2004  | 1073              | 6525.90                               | 6528.37                               | -2.47         |
|            |         |           |             | 11/8/2005  | 1408              | 6526.81                               | 6526.66                               | 0.15          |
|            |         |           |             | 12/3/2005  | 1432              | 6526.83                               | 6526.62                               | 0.21          |
| 11/16/2006 | 1780    | 6529.45   | 6527.21     | 2.24       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| DC         | 487,060 | 1,543,646 | 1           | 12/21/2006 | 1815              | 6529.61                               | 6527.28                               | 2.33          |
|            |         |           |             | 6/28/2007  | 2005              | 6529.15                               | 6526.65                               | 2.50          |
|            |         |           |             | 11/13/2007 | 2143              | 6528.81                               | 6526.25                               | 2.56          |
|            |         |           |             | 6/18/2008  | 2360              | 6528.43                               | 6525.98                               | 2.45          |
|            |         |           |             | 12/4/2008  | 2529              | 6528.63                               | 6525.86                               | 2.77          |
|            |         |           |             | 6/23/2009  | 2731              | 6529.67                               | 6525.86                               | 3.81          |
|            |         |           |             | 12/10/2009 | 2901              | 6529.67                               | 6525.93                               | 3.74          |
|            |         |           |             | 10/19/2010 | 3214              | 6530.25                               | 6526.90                               | 3.35          |
|            |         |           |             | 12/14/2010 | 3269              | 6530.40                               | 6527.11                               | 3.29          |
|            |         |           |             | 11/12/2011 | 3602              | 6531.35                               | 6528.32                               | 3.03          |
|            |         |           |             | 12/6/2011  | 3626              | 6531.40                               | 6528.41                               | 2.99          |
|            |         |           |             | 11/14/2012 | 3971              | 6532.79                               | 6529.70                               | 3.09          |
|            |         |           |             | 11/16/2012 | 3972              | 6532.57                               | 6529.71                               | 2.86          |
|            |         |           |             | 12/13/2013 | 4365              | 6533.43                               | 6531.83                               | 1.60          |
|            |         |           |             | 6/10/2015  | 4909              | 6531.96                               | 6531.56                               | 0.40          |
|            |         |           |             | 11/25/2015 | 5076              | 6528.66                               | 6530.84                               | -2.18         |
|            |         |           |             | 12/13/2016 | 5460              | 6532.09                               | 6529.14                               | 2.95          |
|            |         |           |             | 6/28/2017  | 5658              | 6530.81                               | 6527.53                               | 3.28          |
|            |         |           |             | 12/6/2017  | 5818              | 6530.61                               | 6526.45                               | 4.16          |
|            |         |           |             | 6/12/2018  | 6007              | 6531.98                               | 6525.83                               | 6.15          |
| 12/27/2018 | 6204    | 6531.26   | 6525.15     | 6.11       |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6529.51   | 6522.02     | 7.49       |                   |                                       |                                       |               |
|            |         |           |             | 1/21/2010  | 2942              | 6538.34                               | 6542.78                               | -4.44         |
|            |         |           |             | 11/20/2011 | 3611              | 6540.06                               | 6543.85                               | -3.79         |
|            |         |           |             | 7/5/2012   | 3838              | 6540.79                               | 6544.17                               | -3.39         |
|            |         |           |             | 2/19/2013  | 4067              | 6541.09                               | 6544.52                               | -3.43         |
|            |         |           |             | 2/2/2014   | 4415              | 6542.02                               | 6545.78                               | -3.77         |
|            |         |           |             | 10/11/2014 | 4667              | 6543.00                               | 6546.66                               | -3.66         |
|            |         |           |             | 6/17/2016  | 5281              | 6543.80                               | 6548.07                               | -4.27         |
|            |         |           |             | 9/26/2017  | 5748              | 6543.19                               | 6547.40                               | -4.22         |
|            |         |           |             | 2/3/2018   | 5877              | 6541.55                               | 6547.14                               | -5.59         |
|            |         |           |             | 2/3/2018   | 5877              | 6541.55                               | 6547.14                               | -5.59         |
|            |         |           |             | 3/22/2018  | 5925              | 6514.09                               | 6547.04                               | -32.95        |
|            |         |           |             | 5/1/2018   | 5964              | 6543.05                               | 6546.94                               | -3.89         |
|            |         |           |             | 6/1/2018   | 5995              | 6539.99                               | 6546.85                               | -6.86         |
|            |         |           |             | 6/22/2018  | 6016              | 6544.69                               | 6546.78                               | -2.09         |
|            |         |           |             | 8/17/2018  | 6072              | 6544.76                               | 6546.61                               | -1.85         |
|            |         |           |             | 9/18/2018  | 6105              | 6543.80                               | 6546.52                               | -2.72         |
|            |         |           |             | 9/19/2018  | 6105              | 6544.33                               | 6546.51                               | -2.18         |
| 10/11/2018 | 6127    | 6544.19   | 6546.45     | -2.26      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| DD        | 488,943 | 1,546,989 | 1           | 10/11/2018 | 6127              | 6544.16                               | 6546.44                               | -2.28         |
|           |         |           |             | 10/16/2018 | 6132              | 6544.09                               | 6546.43                               | -2.34         |
|           |         |           |             | 11/2/2018  | 6149              | 6544.29                               | 6546.37                               | -2.08         |
|           |         |           |             | 11/6/2018  | 6153              | 6544.39                               | 6546.36                               | -1.97         |
|           |         |           |             | 11/16/2018 | 6163              | 6544.37                               | 6546.33                               | -1.96         |
|           |         |           |             | 11/20/2018 | 6167              | 6544.24                               | 6546.32                               | -2.08         |
|           |         |           |             | 11/30/2018 | 6177              | 6544.49                               | 6546.28                               | -1.79         |
|           |         |           |             | 11/30/2018 | 6178              | 6548.62                               | 6546.28                               | 2.34          |
|           |         |           |             | 12/6/2018  | 6184              | 6544.04                               | 6546.26                               | -2.22         |
|           |         |           |             | 12/8/2018  | 6185              | 6543.89                               | 6546.26                               | -2.37         |
|           |         |           |             | 12/14/2018 | 6191              | 6543.91                               | 6546.24                               | -2.33         |
|           |         |           |             | 1/3/2019   | 6211              | 6544.14                               | 6546.17                               | -2.03         |
|           |         |           |             | 1/16/2019  | 6224              | 6544.17                               | 6546.13                               | -1.96         |
|           |         |           |             | 1/22/2019  | 6230              | 6544.49                               | 6546.11                               | -1.62         |
|           |         |           |             | 1/29/2019  | 6237              | 6544.29                               | 6546.09                               | -1.80         |
|           |         |           |             | 2/5/2019   | 6244              | 6544.39                               | 6546.07                               | -1.68         |
|           |         |           |             | 2/12/2019  | 6251              | 6544.36                               | 6546.05                               | -1.69         |
|           |         |           |             | 2/13/2019  | 6252              | 6543.94                               | 6546.04                               | -2.10         |
|           |         |           |             | 2/21/2019  | 6260              | 6544.19                               | 6546.02                               | -1.83         |
|           |         |           |             | 2/26/2019  | 6265              | 6544.04                               | 6546.00                               | -1.96         |
|           |         |           |             | 3/6/2019   | 6273              | 6543.99                               | 6545.98                               | -1.99         |
|           |         |           |             | 3/12/2019  | 6279              | 6544.04                               | 6545.96                               | -1.92         |
|           |         |           |             | 3/20/2019  | 6287              | 6544.09                               | 6545.94                               | -1.85         |
|           |         |           |             | 3/26/2019  | 6293              | 6544.02                               | 6545.92                               | -1.90         |
|           |         |           |             | 4/3/2019   | 6301              | 6544.14                               | 6545.90                               | -1.76         |
|           |         |           |             | 4/9/2019   | 6307              | 6543.99                               | 6545.88                               | -1.89         |
|           |         |           |             | 4/19/2019  | 6317              | 6543.99                               | 6545.85                               | -1.86         |
|           |         |           |             | 4/25/2019  | 6323              | 6544.09                               | 6545.84                               | -1.75         |
|           |         |           |             | 4/30/2019  | 6328              | 6544.14                               | 6545.82                               | -1.68         |
|           |         |           |             | 5/9/2019   | 6337              | 6544.04                               | 6545.80                               | -1.76         |
|           |         |           |             | 5/14/2019  | 6342              | 6543.99                               | 6545.79                               | -1.80         |
|           |         |           |             | 5/23/2019  | 6351              | 6544.19                               | 6545.77                               | -1.58         |
|           |         |           |             | 5/29/2019  | 6357              | 6543.99                               | 6545.76                               | -1.77         |
| 6/14/2019 | 6373    | 6544.34   | 6545.72     | -1.38      |                   |                                       |                                       |               |
| 6/25/2019 | 6384    | 6544.27   | 6545.70     | -1.43      |                   |                                       |                                       |               |
| 7/30/2019 | 6419    | 6544.31   | 6545.62     | -1.31      |                   |                                       |                                       |               |
| 8/20/2019 | 6441    | 6543.97   | 6545.57     | -1.60      |                   |                                       |                                       |               |
| 8/27/2019 | 6447    | 6543.79   | 6545.56     | -1.77      |                   |                                       |                                       |               |
| 10/1/2019 | 6482    | 6543.89   | 6545.49     | -1.60      |                   |                                       |                                       |               |
| 10/9/2019 | 6491    | 6544.00   | 6545.48     | -1.48      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 10/29/2019 | 6510              | 6543.71                               | 6545.44                               | -1.73         |
|         |         |           |             | 6/5/2008   | 2347              | 6539.36                               | 6543.04                               | -3.68         |
|         |         |           |             | 12/5/2008  | 2531              | 6539.65                               | 6543.40                               | -3.75         |
|         |         |           |             | 1/28/2009  | 2585              | 6539.88                               | 6543.48                               | -3.60         |
|         |         |           |             | 2/3/2009   | 2590              | 6539.73                               | 6543.49                               | -3.76         |
|         |         |           |             | 8/24/2009  | 2792              | 6540.17                               | 6543.61                               | -3.44         |
|         |         |           |             | 8/25/2011  | 3524              | 6541.96                               | 6544.59                               | -2.62         |
|         |         |           |             | 5/2/2012   | 3775              | 6542.09                               | 6544.91                               | -2.82         |
|         |         |           |             | 12/10/2012 | 3997              | 6542.69                               | 6545.19                               | -2.50         |
|         |         |           |             | 10/11/2013 | 4301              | 6543.81                               | 6546.14                               | -2.33         |
|         |         |           |             | 7/8/2014   | 4571              | 6543.91                               | 6547.09                               | -3.18         |
|         |         |           |             | 12/25/2015 | 5106              | 6545.78                               | 6548.69                               | -2.91         |
|         |         |           |             | 6/22/2017  | 5651              | 6545.82                               | 6548.64                               | -2.82         |
|         |         |           |             | 12/4/2017  | 5817              | 6545.26                               | 6548.38                               | -3.13         |
|         |         |           |             | 2/3/2018   | 5877              | 6543.94                               | 6548.28                               | -4.34         |
|         |         |           |             | 5/1/2018   | 5964              | 6546.53                               | 6548.11                               | -1.58         |
|         |         |           |             | 8/17/2018  | 6072              | 6547.52                               | 6547.85                               | -0.33         |
|         |         |           |             | 9/19/2018  | 6105              | 6548.02                               | 6547.77                               | 0.25          |
|         |         |           |             | 10/11/2018 | 6127              | 6547.53                               | 6547.71                               | -0.18         |
|         |         |           |             | 10/11/2018 | 6128              | 6577.67                               | 6547.71                               | 29.96         |
|         |         |           |             | 10/16/2018 | 6132              | 6547.28                               | 6547.70                               | -0.42         |
|         |         |           |             | 10/26/2018 | 6142              | 6547.45                               | 6547.67                               | -0.22         |
|         |         |           |             | 11/2/2018  | 6149              | 6547.41                               | 6547.65                               | -0.24         |
|         |         |           |             | 11/6/2018  | 6153              | 6547.56                               | 6547.64                               | -0.08         |
|         |         |           |             | 11/16/2018 | 6163              | 6547.48                               | 6547.61                               | -0.13         |
|         |         |           |             | 11/20/2018 | 6167              | 6547.34                               | 6547.60                               | -0.26         |
|         |         |           |             | 11/29/2018 | 6176              | 6547.65                               | 6547.58                               | 0.07          |
|         |         |           |             | 11/30/2018 | 6177              | 6547.85                               | 6547.57                               | 0.28          |
|         |         |           |             | 12/8/2018  | 6185              | 6547.08                               | 6547.55                               | -0.47         |
|         |         |           |             | 12/14/2018 | 6191              | 6547.13                               | 6547.54                               | -0.41         |
| DD2     | 489,251 | 1,547,439 | 1           | 1/3/2019   | 6211              | 6547.33                               | 6547.48                               | -0.15         |
|         |         |           |             | 1/16/2019  | 6224              | 6547.38                               | 6547.45                               | -0.07         |
|         |         |           |             | 1/22/2019  | 6230              | 6547.86                               | 6547.43                               | 0.43          |
|         |         |           |             | 1/29/2019  | 6237              | 6547.51                               | 6547.41                               | 0.10          |
|         |         |           |             | 2/5/2019   | 6244              | 6547.58                               | 6547.40                               | 0.18          |
|         |         |           |             | 2/12/2019  | 6251              | 6547.55                               | 6547.38                               | 0.17          |
|         |         |           |             | 2/13/2019  | 6252              | 6547.18                               | 6547.37                               | -0.19         |
|         |         |           |             | 2/21/2019  | 6260              | 6547.58                               | 6547.35                               | 0.23          |
|         |         |           |             | 2/26/2019  | 6265              | 6549.33                               | 6547.34                               | 1.99          |
|         |         |           |             | 3/6/2019   | 6273              | 6547.23                               | 6547.32                               | -0.09         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 3/12/2019  | 6279              | 6547.33                               | 6547.30                               | 0.03          |
|         |         |           |             | 3/20/2019  | 6287              | 6547.43                               | 6547.28                               | 0.15          |
|         |         |           |             | 3/26/2019  | 6293              | 6547.23                               | 6547.27                               | -0.04         |
|         |         |           |             | 4/3/2019   | 6301              | 6547.38                               | 6547.25                               | 0.13          |
|         |         |           |             | 4/9/2019   | 6307              | 6547.25                               | 6547.23                               | 0.02          |
|         |         |           |             | 4/19/2019  | 6317              | 6547.18                               | 6547.21                               | -0.03         |
|         |         |           |             | 4/25/2019  | 6323              | 6547.28                               | 6547.19                               | 0.09          |
|         |         |           |             | 4/30/2019  | 6328              | 6547.38                               | 6547.18                               | 0.20          |
|         |         |           |             | 5/9/2019   | 6337              | 6547.38                               | 6547.16                               | 0.22          |
|         |         |           |             | 5/14/2019  | 6342              | 6547.28                               | 6547.15                               | 0.13          |
|         |         |           |             | 5/23/2019  | 6351              | 6547.53                               | 6547.13                               | 0.40          |
|         |         |           |             | 5/29/2019  | 6357              | 6547.38                               | 6547.12                               | 0.26          |
|         |         |           |             | 6/14/2019  | 6373              | 6547.38                               | 6547.09                               | 0.29          |
|         |         |           |             | 6/25/2019  | 6384              | 6547.23                               | 6547.07                               | 0.16          |
|         |         |           |             | 7/30/2019  | 6419              | 6547.24                               | 6547.00                               | 0.24          |
|         |         |           |             | 8/20/2019  | 6440              | 6547.14                               | 6546.95                               | 0.19          |
|         |         |           |             | 8/27/2019  | 6447              | 6547.28                               | 6546.94                               | 0.34          |
|         |         |           |             | 10/1/2019  | 6482              | 6551.18                               | 6546.88                               | 4.30          |
|         |         |           |             | 10/9/2019  | 6490              | 6547.22                               | 6546.86                               | 0.36          |
|         |         |           |             | 10/29/2019 | 6510              | 6547.18                               | 6546.83                               | 0.35          |
|         |         |           |             | 10/13/2017 | 5764              | 6548.81                               | 6550.27                               | -1.46         |
|         |         |           |             | 11/3/2017  | 5786              | 6548.82                               | 6550.26                               | -1.44         |
|         |         |           |             | 4/19/2018  | 5953              | 6548.76                               | 6550.09                               | -1.33         |
|         |         |           |             | 7/29/2018  | 6053              | 6552.48                               | 6549.94                               | 2.54          |
|         |         |           |             | 8/17/2018  | 6072              | 6552.33                               | 6549.91                               | 2.42          |
|         |         |           |             | 9/19/2018  | 6105              | 6552.47                               | 6549.86                               | 2.61          |
|         |         |           |             | 10/11/2018 | 6127              | 6552.34                               | 6549.82                               | 2.52          |
|         |         |           |             | 10/16/2018 | 6132              | 6552.29                               | 6549.81                               | 2.48          |
|         |         |           |             | 10/26/2018 | 6142              | 6552.34                               | 6549.80                               | 2.54          |
|         |         |           |             | 11/2/2018  | 6149              | 6552.38                               | 6549.78                               | 2.60          |
|         |         |           |             | 11/6/2018  | 6153              | 6552.34                               | 6549.78                               | 2.56          |
|         |         |           |             | 11/16/2018 | 6163              | 6552.32                               | 6549.76                               | 2.56          |
|         |         |           |             | 11/20/2018 | 6167              | 6552.26                               | 6549.75                               | 2.51          |
|         |         |           |             | 11/29/2018 | 6176              | 6552.37                               | 6549.74                               | 2.63          |
|         |         |           |             | 12/8/2018  | 6185              | 6551.87                               | 6549.72                               | 2.15          |
|         |         |           |             | 12/14/2018 | 6191              | 6552.24                               | 6549.71                               | 2.53          |
|         |         |           |             | 1/3/2019   | 6211              | 6552.44                               | 6549.67                               | 2.77          |
|         |         |           |             | 1/16/2019  | 6224              | 6552.14                               | 6549.65                               | 2.49          |
|         |         |           |             | 1/22/2019  | 6230              | 6552.54                               | 6549.64                               | 2.90          |
|         |         |           |             | 1/29/2019  | 6237              | 6552.47                               | 6549.63                               | 2.84          |
| DD3     | 489,592 | 1,548,273 | 1           |            |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |          |             | 2/5/2019   | 6244              | 6552.54                               | 6549.62                               | 2.92          |
|            |         |          |             | 2/13/2019  | 6252              | 6552.38                               | 6549.60                               | 2.78          |
|            |         |          |             | 2/21/2019  | 6260              | 6552.49                               | 6549.59                               | 2.90          |
|            |         |          |             | 2/26/2019  | 6265              | 6552.34                               | 6549.58                               | 2.76          |
|            |         |          |             | 3/6/2019   | 6273              | 6552.39                               | 6549.57                               | 2.82          |
|            |         |          |             | 3/12/2019  | 6279              | 6552.39                               | 6549.55                               | 2.84          |
|            |         |          |             | 3/20/2019  | 6287              | 6552.41                               | 6549.54                               | 2.87          |
|            |         |          |             | 3/26/2019  | 6293              | 6552.34                               | 6549.53                               | 2.81          |
|            |         |          |             | 3/29/2019  | 6296              | 6552.42                               | 6549.52                               | 2.90          |
|            |         |          |             | 4/3/2019   | 6301              | 6552.44                               | 6549.51                               | 2.93          |
|            |         |          |             | 4/9/2019   | 6307              | 6552.34                               | 6549.50                               | 2.84          |
|            |         |          |             | 4/19/2019  | 6317              | 6552.39                               | 6549.49                               | 2.90          |
|            |         |          |             | 4/25/2019  | 6323              | 6552.29                               | 6549.48                               | 2.81          |
|            |         |          |             | 5/10/2019  | 6339              | 6552.44                               | 6549.45                               | 2.99          |
|            |         |          |             | 5/14/2019  | 6342              | 6552.41                               | 6549.44                               | 2.97          |
|            |         |          |             | 5/23/2019  | 6351              | 6552.44                               | 6549.43                               | 3.01          |
|            |         |          |             | 6/14/2019  | 6373              | 6552.34                               | 6549.39                               | 2.95          |
|            |         |          |             | 10/24/2019 | 6506              | 6552.29                               | 6549.18                               | 3.11          |
|            |         |          |             | DD4        | 489,466           | 1,547,675                             | 1                                     | 10/13/2017    |
| 11/3/2017  | 5785    | 6548.08  | 6549.06     |            |                   |                                       |                                       | -0.98         |
| 12/8/2017  | 5821    | 6547.83  | 6549.02     |            |                   |                                       |                                       | -1.19         |
| 3/28/2018  | 5930    | 6551.77  | 6548.85     |            |                   |                                       |                                       | 2.92          |
| 4/19/2018  | 5952    | 6550.31  | 6548.81     |            |                   |                                       |                                       | 1.50          |
| 8/17/2018  | 6072    | 6551.45  | 6548.56     |            |                   |                                       |                                       | 2.89          |
| 9/19/2018  | 6105    | 6550.74  | 6548.48     |            |                   |                                       |                                       | 2.26          |
| 10/11/2018 | 6127    | 6551.50  | 6548.43     |            |                   |                                       |                                       | 3.07          |
| 10/16/2018 | 6132    | 6551.28  | 6548.42     |            |                   |                                       |                                       | 2.86          |
| 10/26/2018 | 6142    | 6551.51  | 6548.39     |            |                   |                                       |                                       | 3.12          |
| 11/2/2018  | 6149    | 6551.48  | 6548.38     |            |                   |                                       |                                       | 3.10          |
| 11/6/2018  | 6153    | 6551.43  | 6548.37     |            |                   |                                       |                                       | 3.06          |
| 11/16/2018 | 6163    | 6551.51  | 6548.34     |            |                   |                                       |                                       | 3.17          |
| 11/20/2018 | 6167    | 6551.38  | 6548.33     |            |                   |                                       |                                       | 3.05          |
| 11/29/2018 | 6176    | 6551.65  | 6548.31     |            |                   |                                       |                                       | 3.34          |
| 12/8/2018  | 6185    | 6551.16  | 6548.29     |            |                   |                                       |                                       | 2.87          |
| 12/14/2018 | 6191    | 6551.23  | 6548.27     |            |                   |                                       |                                       | 2.96          |
| 1/3/2019   | 6211    | 6551.45  | 6548.23     |            |                   |                                       |                                       | 3.22          |
| 1/16/2019  | 6224    | 6551.48  | 6548.20     |            |                   |                                       |                                       | 3.28          |
| 1/22/2019  | 6230    | 6551.98  | 6548.18     |            |                   |                                       |                                       | 3.80          |
| 1/29/2019  | 6237    | 6551.53  | 6548.17     | 3.36       |                   |                                       |                                       |               |
| 2/5/2019   | 6244    | 6551.73  | 6548.15     | 3.58       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 2/13/2019  | 6252              | 6551.33                               | 6548.13                               | 3.20          |
|           |         |           |             | 2/21/2019  | 6260              | 6551.63                               | 6548.11                               | 3.52          |
|           |         |           |             | 2/26/2019  | 6265              | 6551.48                               | 6548.10                               | 3.38          |
|           |         |           |             | 3/6/2019   | 6273              | 6551.33                               | 6548.08                               | 3.25          |
|           |         |           |             | 3/12/2019  | 6279              | 6551.43                               | 6548.07                               | 3.36          |
|           |         |           |             | 3/20/2019  | 6287              | 6551.48                               | 6548.05                               | 3.43          |
|           |         |           |             | 3/26/2019  | 6293              | 6551.33                               | 6548.03                               | 3.30          |
|           |         |           |             | 3/29/2019  | 6296              | 6551.45                               | 6548.03                               | 3.42          |
|           |         |           |             | 4/3/2019   | 6301              | 6551.58                               | 6548.02                               | 3.56          |
|           |         |           |             | 4/9/2019   | 6307              | 6551.33                               | 6548.00                               | 3.33          |
|           |         |           |             | 4/19/2019  | 6317              | 6551.28                               | 6547.98                               | 3.30          |
|           |         |           |             | 4/25/2019  | 6323              | 6551.43                               | 6547.97                               | 3.46          |
|           |         |           |             | 5/14/2019  | 6342              | 6551.43                               | 6547.93                               | 3.50          |
|           |         |           |             | 5/23/2019  | 6351              | 6551.63                               | 6547.91                               | 3.72          |
|           |         |           |             | 5/24/2019  | 6352              | 6551.53                               | 6547.91                               | 3.62          |
|           |         |           |             | 6/14/2019  | 6373              | 6551.45                               | 6547.87                               | 3.58          |
|           |         |           |             | 10/24/2019 | 6505              | 6551.28                               | 6547.63                               | 3.65          |
| DD5       | 488,704 | 1,547,013 | 1           | 10/13/2017 | 5765              | 6543.33                               | 6547.28                               | -3.95         |
|           |         |           |             | 11/3/2017  | 5786              | 6543.35                               | 6547.24                               | -3.89         |
|           |         |           |             | 3/28/2018  | 5930              | 6541.91                               | 6546.94                               | -5.03         |
|           |         |           |             | 4/19/2018  | 5953              | 6542.25                               | 6546.89                               | -4.64         |
|           |         |           |             | 8/17/2018  | 6072              | 6545.90                               | 6546.55                               | -0.65         |
|           |         |           |             | 9/19/2018  | 6105              | 6545.95                               | 6546.45                               | -0.50         |
|           |         |           |             | 10/11/2018 | 6127              | 6545.80                               | 6546.38                               | -0.58         |
|           |         |           |             | 10/16/2018 | 6132              | 6545.59                               | 6546.37                               | -0.78         |
|           |         |           |             | 11/2/2018  | 6149              | 6545.70                               | 6546.31                               | -0.61         |
|           |         |           |             | 11/6/2018  | 6153              | 6545.78                               | 6546.30                               | -0.52         |
|           |         |           |             | 11/16/2018 | 6163              | 6545.66                               | 6546.27                               | -0.61         |
|           |         |           |             | 11/20/2018 | 6167              | 6545.55                               | 6546.26                               | -0.71         |
|           |         |           |             | 11/29/2018 | 6176              | 6545.75                               | 6546.23                               | -0.48         |
|           |         |           |             | 12/8/2018  | 6185              | 6545.45                               | 6546.20                               | -0.75         |
|           |         |           |             | 12/14/2018 | 6191              | 6545.35                               | 6546.18                               | -0.83         |
|           |         |           |             | 1/3/2019   | 6211              | 6545.55                               | 6546.12                               | -0.57         |
|           |         |           |             | 1/16/2019  | 6224              | 6545.50                               | 6546.08                               | -0.58         |
|           |         |           |             | 1/22/2019  | 6230              | 6545.90                               | 6546.06                               | -0.16         |
|           |         |           |             | 1/29/2019  | 6237              | 6545.55                               | 6546.04                               | -0.49         |
|           |         |           |             | 2/5/2019   | 6244              | 6545.65                               | 6546.02                               | -0.37         |
| 2/13/2019 | 6252    | 6545.30   | 6545.99     | -0.69      |                   |                                       |                                       |               |
| 2/21/2019 | 6260    | 6545.60   | 6545.97     | -0.37      |                   |                                       |                                       |               |
| 2/26/2019 | 6265    | 6545.40   | 6545.95     | -0.55      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 3/6/2019   | 6273              | 6545.30                               | 6545.93                               | -0.63         |
|         |         |           |             | 3/12/2019  | 6279              | 6545.35                               | 6545.91                               | -0.56         |
|         |         |           |             | 3/20/2019  | 6287              | 6545.40                               | 6545.89                               | -0.49         |
|         |         |           |             | 3/26/2019  | 6293              | 6545.30                               | 6545.87                               | -0.57         |
|         |         |           |             | 3/29/2019  | 6296              | 6545.36                               | 6545.86                               | -0.50         |
|         |         |           |             | 4/3/2019   | 6301              | 6545.40                               | 6545.84                               | -0.44         |
|         |         |           |             | 4/9/2019   | 6307              | 6545.35                               | 6545.83                               | -0.48         |
|         |         |           |             | 4/19/2019  | 6317              | 6545.30                               | 6545.80                               | -0.50         |
|         |         |           |             | 4/25/2019  | 6323              | 6545.45                               | 6545.78                               | -0.33         |
|         |         |           |             | 5/10/2019  | 6338              | 6545.45                               | 6545.74                               | -0.29         |
|         |         |           |             | 5/14/2019  | 6342              | 6545.45                               | 6545.73                               | -0.28         |
|         |         |           |             | 5/23/2019  | 6351              | 6545.65                               | 6545.71                               | -0.06         |
|         |         |           |             | 6/14/2019  | 6373              | 6545.45                               | 6545.66                               | -0.21         |
|         |         |           |             | 10/24/2019 | 6506              | 6544.90                               | 6545.37                               | -0.47         |
| DQ      | 491,005 | 1,542,592 | 1           | 1/25/2002  | 25                | 6520.12                               | 6518.23                               | 1.89          |
|         |         |           |             | 7/12/2002  | 193               | 6526.13                               | 6518.46                               | 7.67          |
|         |         |           |             | 6/12/2015  | 4911              | 6533.46                               | 6538.61                               | -5.15         |
|         |         |           |             | 9/4/2010   | 3169              | 6531.40                               | 6531.13                               | 0.27          |
|         |         |           |             | 2/9/2011   | 3326              | 6533.08                               | 6532.36                               | 0.73          |
|         |         |           |             | 1/13/2012  | 3664              | 6535.20                               | 6534.91                               | 0.29          |
|         |         |           |             | 1/26/2013  | 4043              | 6535.16                               | 6535.50                               | -0.34         |
|         |         |           |             | 7/12/2014  | 4575              | 6536.74                               | 6537.07                               | -0.33         |
|         |         |           |             | 8/23/2015  | 4982              | 6536.98                               | 6538.36                               | -1.38         |
|         |         |           |             | 12/17/2015 | 5098              | 6536.36                               | 6538.53                               | -2.17         |
|         |         |           |             | 3/8/2016   | 5180              | 6533.79                               | 6536.22                               | -2.43         |
|         |         |           |             | 5/20/2016  | 5254              | 6533.35                               | 6534.72                               | -1.37         |
|         |         |           |             | 7/12/2016  | 5306              | 6532.11                               | 6533.80                               | -1.69         |
|         |         |           |             | 4/6/2018   | 5940              | 6535.65                               | 6527.93                               | 7.72          |
|         |         |           |             | 7/2/2019   | 6391              | 6535.01                               | 6526.57                               | 8.44          |
|         |         |           |             | 7/9/2019   | 6398              | 6535.10                               | 6526.59                               | 8.51          |
|         |         |           |             | 7/16/2019  | 6405              | 6535.21                               | 6526.61                               | 8.60          |
|         |         |           |             | 7/23/2019  | 6412              | 6528.51                               | 6526.63                               | 1.88          |
|         |         |           |             | 7/30/2019  | 6419              | 6528.67                               | 6526.65                               | 2.02          |
|         |         |           |             | 8/6/2019   | 6426              | 6534.85                               | 6526.67                               | 8.18          |
|         |         |           |             | 8/13/2019  | 6433              | 6534.22                               | 6526.69                               | 7.53          |
|         |         |           |             | 8/20/2019  | 6440              | 6534.60                               | 6526.71                               | 7.89          |
|         |         |           |             | 8/27/2019  | 6447              | 6535.01                               | 6526.73                               | 8.28          |
|         |         |           |             | 9/3/2019   | 6454              | 6534.88                               | 6526.75                               | 8.13          |
|         |         |           |             | 9/10/2019  | 6461              | 6533.21                               | 6526.77                               | 6.44          |
| DT      | 489,293 | 1,542,871 | 1           | 9/17/2019  | 6468              | 6528.91                               | 6526.78                               | 2.13          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 9/24/2019  | 6475              | 6527.46                               | 6526.79                               | 0.67          |
|         |         |          |             | 10/1/2019  | 6482              | 6527.56                               | 6526.79                               | 0.77          |
|         |         |          |             | 10/8/2019  | 6489              | 6527.59                               | 6526.80                               | 0.79          |
|         |         |          |             | 10/15/2019 | 6496              | 6534.84                               | 6526.80                               | 8.04          |
|         |         |          |             | 10/22/2019 | 6503              | 6534.59                               | 6526.81                               | 7.78          |
|         |         |          |             | 10/29/2019 | 6510              | 6527.06                               | 6526.81                               | 0.25          |
|         |         |          |             | 11/5/2019  | 6517              | 6533.53                               | 6526.82                               | 6.71          |
|         |         |          |             | 11/12/2019 | 6524              | 6526.42                               | 6526.83                               | -0.41         |
|         |         |          |             | 11/19/2019 | 6531              | 6526.84                               | 6526.83                               | 0.01          |
|         |         |          |             | 11/26/2019 | 6538              | 6540.85                               | 6526.84                               | 14.01         |
|         |         |          |             | 12/3/2019  | 6545              | 6533.77                               | 6526.84                               | 6.93          |
|         |         |          |             | 12/10/2019 | 6552              | 6532.75                               | 6526.85                               | 5.90          |
|         |         |          |             | 12/17/2019 | 6559              | 6526.71                               | 6526.85                               | -0.14         |
|         |         |          |             | 12/24/2019 | 6566              | 6527.51                               | 6526.86                               | 0.65          |
|         |         |          |             | 12/31/2019 | 6573              | 6527.23                               | 6526.86                               | 0.37          |
|         |         |          |             | 10/26/2002 | 298               | 6531.62                               | 6529.40                               | 2.22          |
|         |         |          |             | 1/3/2003   | 368               | 6532.37                               | 6529.49                               | 2.88          |
|         |         |          |             | 3/14/2003  | 438               | 6532.72                               | 6529.97                               | 2.75          |
|         |         |          |             | 5/24/2003  | 508               | 6532.42                               | 6530.50                               | 1.92          |
|         |         |          |             | 8/1/2003   | 578               | 6533.15                               | 6531.02                               | 2.13          |
|         |         |          |             | 10/10/2003 | 648               | 6532.52                               | 6531.54                               | 0.98          |
|         |         |          |             | 12/19/2003 | 718               | 6532.40                               | 6532.05                               | 0.36          |
|         |         |          |             | 2/27/2004  | 788               | 6531.66                               | 6533.04                               | -1.38         |
|         |         |          |             | 5/6/2004   | 857               | 6531.82                               | 6534.00                               | -2.18         |
|         |         |          |             | 7/10/2004  | 921               | 6533.94                               | 6534.80                               | -0.86         |
|         |         |          |             | 9/17/2004  | 991               | 6535.47                               | 6535.57                               | -0.10         |
|         |         |          |             | 11/19/2004 | 1054              | 6535.02                               | 6536.24                               | -1.22         |
|         |         |          |             | 1/29/2005  | 1124              | 6535.14                               | 6536.88                               | -1.74         |
|         |         |          |             | 4/8/2005   | 1194              | 6536.25                               | 6537.49                               | -1.24         |
|         |         |          |             | 6/18/2005  | 1264              | 6536.50                               | 6538.08                               | -1.58         |
|         |         |          |             | 8/27/2005  | 1334              | 6536.33                               | 6538.60                               | -2.27         |
|         |         |          |             | 11/2/2005  | 1401              | 6536.61                               | 6539.10                               | -2.49         |
|         |         |          |             | 1/7/2006   | 1467              | 6536.67                               | 6539.55                               | -2.89         |
|         |         |          |             | 3/17/2006  | 1537              | 6537.48                               | 6540.24                               | -2.76         |
|         |         |          |             | 5/27/2006  | 1607              | 6537.24                               | 6540.81                               | -3.57         |
|         |         |          |             | 8/5/2006   | 1677              | 6536.59                               | 6541.37                               | -4.78         |
|         |         |          |             | 10/13/2006 | 1747              | 6536.75                               | 6541.79                               | -5.04         |
|         |         |          |             | 12/23/2006 | 1817              | 6537.21                               | 6542.22                               | -5.01         |
|         |         |          |             | 3/2/2007   | 1887              | 6537.17                               | 6542.35                               | -5.18         |
|         |         |          |             | 5/12/2007  | 1957              | 6537.50                               | 6542.46                               | -4.96         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 7/20/2007  | 2027              | 6537.24                               | 6542.53                               | -5.29         |
|         |         |          |             | 9/22/2007  | 2091              | 6537.29                               | 6542.58                               | -5.28         |
|         |         |          |             | 1/7/2008   | 2197              | 6537.54                               | 6541.81                               | -4.27         |
|         |         |          |             | 2/13/2009  | 2601              | 6537.72                               | 6541.98                               | -4.27         |
|         |         |          |             | 4/25/2009  | 2671              | 6537.11                               | 6542.41                               | -5.30         |
|         |         |          |             | 7/3/2009   | 2741              | 6537.73                               | 6542.74                               | -5.01         |
|         |         |          |             | 9/12/2009  | 2811              | 6537.18                               | 6542.96                               | -5.79         |
|         |         |          |             | 11/20/2009 | 2881              | 6537.68                               | 6543.17                               | -5.50         |
|         |         |          |             | 1/29/2010  | 2951              | 6538.79                               | 6543.28                               | -4.48         |
|         |         |          |             | 4/10/2010  | 3021              | 6538.88                               | 6543.25                               | -4.37         |
|         |         |          |             | 6/19/2010  | 3091              | 6538.15                               | 6543.25                               | -5.10         |
|         |         |          |             | 8/28/2010  | 3161              | 6537.10                               | 6543.26                               | -6.15         |
|         |         |          |             | 11/5/2010  | 3231              | 6537.49                               | 6543.28                               | -5.80         |
|         |         |          |             | 1/15/2011  | 3301              | 6539.00                               | 6543.23                               | -4.23         |
|         |         |          |             | 3/25/2011  | 3371              | 6537.28                               | 6542.77                               | -5.50         |
|         |         |          |             | 6/4/2011   | 3441              | 6536.69                               | 6542.31                               | -5.62         |
|         |         |          |             | 8/13/2011  | 3511              | 6537.01                               | 6542.05                               | -5.04         |
|         |         |          |             | 10/21/2011 | 3581              | 6537.75                               | 6541.79                               | -4.04         |
|         |         |          |             | 12/31/2011 | 3651              | 6538.60                               | 6541.59                               | -2.99         |
|         |         |          |             | 3/9/2012   | 3721              | 6538.91                               | 6541.41                               | -2.50         |
|         |         |          |             | 5/18/2012  | 3791              | 6539.43                               | 6541.25                               | -1.82         |
|         |         |          |             | 8/19/2012  | 3883              | 6539.30                               | 6541.10                               | -1.80         |
|         |         |          |             | 11/2/2012  | 3959              | 6539.87                               | 6540.99                               | -1.12         |
|         |         |          |             | 1/12/2013  | 4029              | 6540.46                               | 6540.98                               | -0.52         |
|         |         |          |             | 3/22/2013  | 4099              | 6540.57                               | 6541.46                               | -0.89         |
|         |         |          |             | 6/1/2013   | 4169              | 6540.72                               | 6541.92                               | -1.21         |
|         |         |          |             | 9/23/2013  | 4284              | 6540.42                               | 6542.60                               | -2.18         |
|         |         |          |             | 2/7/2014   | 4421              | 6540.12                               | 6543.25                               | -3.13         |
|         |         |          |             | 4/18/2014  | 4491              | 6541.86                               | 6543.44                               | -1.57         |
|         |         |          |             | 6/27/2014  | 4561              | 6542.14                               | 6543.62                               | -1.49         |
|         |         |          |             | 9/14/2014  | 4639              | 6542.61                               | 6543.76                               | -1.15         |
|         |         |          |             | 11/28/2014 | 4715              | 6543.41                               | 6543.88                               | -0.47         |
|         |         |          |             | 2/6/2015   | 4785              | 6542.42                               | 6543.92                               | -1.50         |
|         |         |          |             | 4/17/2015  | 4855              | 6543.23                               | 6544.07                               | -0.84         |
|         |         |          |             | 6/22/2015  | 4920              | 6543.03                               | 6544.21                               | -1.19         |
|         |         |          |             | 9/19/2015  | 5010              | 6542.89                               | 6544.28                               | -1.39         |
|         |         |          |             | 12/10/2015 | 5091              | 6543.68                               | 6544.34                               | -0.66         |
|         |         |          |             | 2/19/2016  | 5163              | 6540.79                               | 6542.47                               | -1.68         |
|         |         |          |             | 4/30/2016  | 5234              | 6536.27                               | 6540.16                               | -3.88         |
|         |         |          |             | 9/4/2016   | 5360              | 6536.03                               | 6536.89                               | -0.85         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| DZ        | 491,501 | 1,542,834 | 1           | 3/26/2017  | 5564              | 6535.90                               | 6534.00                               | 1.90          |
|           |         |           |             | 6/14/2017  | 5644              | 6535.76                               | 6533.55                               | 2.20          |
|           |         |           |             | 8/23/2017  | 5713              | 6534.83                               | 6533.13                               | 1.70          |
|           |         |           |             | 11/17/2017 | 5800              | 6533.59                               | 6532.58                               | 1.00          |
|           |         |           |             | 12/26/2017 | 5838              | 6531.58                               | 6532.33                               | -0.75         |
|           |         |           |             | 1/2/2018   | 5845              | 6537.36                               | 6532.29                               | 5.07          |
|           |         |           |             | 1/9/2018   | 5852              | 6535.73                               | 6532.23                               | 3.50          |
|           |         |           |             | 1/16/2018  | 5859              | 6542.43                               | 6532.16                               | 10.27         |
|           |         |           |             | 1/23/2018  | 5866              | 6543.32                               | 6532.09                               | 11.23         |
|           |         |           |             | 1/30/2018  | 5873              | 6538.08                               | 6532.02                               | 6.06          |
|           |         |           |             | 2/6/2018   | 5880              | 6538.63                               | 6531.95                               | 6.68          |
|           |         |           |             | 2/13/2018  | 5887              | 6538.89                               | 6531.88                               | 7.01          |
|           |         |           |             | 2/21/2018  | 5895              | 6539.05                               | 6531.79                               | 7.26          |
|           |         |           |             | 2/27/2018  | 5901              | 6539.05                               | 6531.72                               | 7.33          |
|           |         |           |             | 3/6/2018   | 5908              | 6539.17                               | 6531.65                               | 7.52          |
|           |         |           |             | 3/13/2018  | 5915              | 6542.43                               | 6531.56                               | 10.87         |
|           |         |           |             | 3/20/2018  | 5922              | 6538.91                               | 6531.48                               | 7.43          |
|           |         |           |             | 3/27/2018  | 5929              | 6538.69                               | 6531.40                               | 7.29          |
|           |         |           |             | 4/3/2018   | 5936              | 6537.84                               | 6531.32                               | 6.52          |
|           |         |           |             | 4/10/2018  | 5943              | 6539.21                               | 6531.24                               | 7.97          |
|           |         |           |             | 4/17/2018  | 5950              | 6539.48                               | 6531.15                               | 8.33          |
|           |         |           |             | 4/24/2018  | 5957              | 6537.32                               | 6531.07                               | 6.25          |
|           |         |           |             | 5/1/2018   | 5964              | 6538.78                               | 6530.99                               | 7.79          |
|           |         |           |             | 5/8/2018   | 5971              | 6535.51                               | 6530.91                               | 4.60          |
|           |         |           |             | 5/15/2018  | 5978              | 6538.97                               | 6530.83                               | 8.14          |
|           |         |           |             | 5/22/2018  | 5985              | 6538.13                               | 6530.75                               | 7.38          |
|           |         |           |             | 5/29/2018  | 5992              | 6536.24                               | 6530.66                               | 5.58          |
|           |         |           |             | 6/5/2018   | 5999              | 6536.57                               | 6530.58                               | 5.99          |
|           |         |           |             | 6/12/2018  | 6006              | 6541.12                               | 6530.50                               | 10.62         |
|           |         |           |             | 6/14/2018  | 6008              | 6538.05                               | 6530.47                               | 7.58          |
|           |         |           |             | 6/19/2018  | 6013              | 6535.81                               | 6530.42                               | 5.39          |
|           |         |           |             | 6/26/2018  | 6020              | 6535.73                               | 6530.34                               | 5.39          |
|           |         |           |             | 7/3/2018   | 6027              | 6537.08                               | 6530.26                               | 6.82          |
| 7/10/2018 | 6034    | 6555.86   | 6530.18     | 25.68      |                   |                                       |                                       |               |
| 7/17/2018 | 6041    | 6537.92   | 6530.10     | 7.82       |                   |                                       |                                       |               |
| 7/24/2018 | 6048    | 6537.42   | 6530.01     | 7.41       |                   |                                       |                                       |               |
| 7/31/2018 | 6055    | 6550.80   | 6529.93     | 20.87      |                   |                                       |                                       |               |
| 8/7/2018  | 6062    | 6537.14   | 6529.85     | 7.29       |                   |                                       |                                       |               |
| 8/14/2018 | 6069    | 6537.16   | 6529.77     | 7.39       |                   |                                       |                                       |               |
| 8/21/2018 | 6076    | 6537.58   | 6529.69     | 7.89       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 8/28/2018  | 6083              | 6538.19                               | 6529.61                               | 8.58          |
|         |         |          |             | 9/4/2018   | 6090              | 6537.82                               | 6529.53                               | 8.29          |
|         |         |          |             | 9/11/2018  | 6097              | 6537.12                               | 6529.45                               | 7.67          |
|         |         |          |             | 9/18/2018  | 6104              | 6537.79                               | 6529.37                               | 8.42          |
|         |         |          |             | 9/25/2018  | 6111              | 6536.83                               | 6529.29                               | 7.54          |
|         |         |          |             | 10/2/2018  | 6118              | 6549.49                               | 6529.21                               | 20.28         |
|         |         |          |             | 10/9/2018  | 6125              | 6548.99                               | 6529.14                               | 19.85         |
|         |         |          |             | 10/16/2018 | 6132              | 6536.18                               | 6529.06                               | 7.12          |
|         |         |          |             | 10/23/2018 | 6139              | 6536.40                               | 6528.98                               | 7.42          |
|         |         |          |             | 10/30/2018 | 6146              | 6536.08                               | 6528.90                               | 7.18          |
|         |         |          |             | 11/6/2018  | 6153              | 6536.49                               | 6528.83                               | 7.66          |
|         |         |          |             | 11/13/2018 | 6160              | 6536.41                               | 6528.75                               | 7.66          |
|         |         |          |             | 11/20/2018 | 6167              | 6537.33                               | 6528.67                               | 8.66          |
|         |         |          |             | 11/27/2018 | 6174              | 6536.29                               | 6528.59                               | 7.70          |
|         |         |          |             | 12/4/2018  | 6181              | 6536.11                               | 6528.52                               | 7.59          |
|         |         |          |             | 12/11/2018 | 6188              | 6535.87                               | 6528.44                               | 7.43          |
|         |         |          |             | 12/18/2018 | 6195              | 6537.64                               | 6528.36                               | 9.28          |
|         |         |          |             | 12/20/2018 | 6197              | 6536.23                               | 6528.34                               | 7.89          |
|         |         |          |             | 1/8/2019   | 6216              | 6535.97                               | 6528.15                               | 7.82          |
|         |         |          |             | 1/22/2019  | 6230              | 6534.84                               | 6528.15                               | 6.69          |
|         |         |          |             | 1/29/2019  | 6237              | 6535.93                               | 6528.16                               | 7.77          |
|         |         |          |             | 2/5/2019   | 6244              | 6538.05                               | 6528.18                               | 9.87          |
|         |         |          |             | 2/12/2019  | 6251              | 6536.29                               | 6528.22                               | 8.07          |
|         |         |          |             | 2/20/2019  | 6259              | 6536.81                               | 6528.26                               | 8.55          |
|         |         |          |             | 2/26/2019  | 6265              | 6535.93                               | 6528.29                               | 7.64          |
|         |         |          |             | 3/5/2019   | 6272              | 6536.95                               | 6528.32                               | 8.63          |
|         |         |          |             | 3/12/2019  | 6279              | 6537.19                               | 6528.37                               | 8.82          |
|         |         |          |             | 3/19/2019  | 6286              | 6536.48                               | 6528.42                               | 8.06          |
|         |         |          |             | 3/26/2019  | 6293              | 6536.18                               | 6528.46                               | 7.72          |
|         |         |          |             | 4/2/2019   | 6300              | 6536.02                               | 6528.51                               | 7.51          |
|         |         |          |             | 4/9/2019   | 6307              | 6536.31                               | 6528.55                               | 7.76          |
|         |         |          |             | 4/16/2019  | 6314              | 6537.22                               | 6528.60                               | 8.62          |
|         |         |          |             | 4/23/2019  | 6321              | 6536.53                               | 6528.64                               | 7.89          |
|         |         |          |             | 4/30/2019  | 6328              | 6536.60                               | 6528.69                               | 7.91          |
|         |         |          |             | 5/7/2019   | 6335              | 6536.53                               | 6528.74                               | 7.79          |
|         |         |          |             | 5/14/2019  | 6342              | 6536.38                               | 6528.77                               | 7.61          |
|         |         |          |             | 5/21/2019  | 6349              | 6535.78                               | 6528.81                               | 6.97          |
|         |         |          |             | 5/29/2019  | 6357              | 6535.48                               | 6528.85                               | 6.63          |
|         |         |          |             | 6/4/2019   | 6363              | 6535.54                               | 6528.88                               | 6.66          |
|         |         |          |             | 6/11/2019  | 6370              | 6535.03                               | 6528.91                               | 6.12          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 7/2/2019   | 6391              | 6536.18                               | 6529.02                               | 7.16          |
|         |         |          |             | 7/9/2019   | 6398              | 6535.69                               | 6529.05                               | 6.64          |
|         |         |          |             | 7/16/2019  | 6405              | 6535.33                               | 6529.09                               | 6.24          |
|         |         |          |             | 7/23/2019  | 6412              | 6534.93                               | 6529.12                               | 5.81          |
|         |         |          |             | 7/30/2019  | 6419              | 6535.06                               | 6529.16                               | 5.90          |
|         |         |          |             | 8/6/2019   | 6426              | 6535.00                               | 6529.19                               | 5.81          |
|         |         |          |             | 8/13/2019  | 6433              | 6534.95                               | 6529.22                               | 5.73          |
|         |         |          |             | 8/20/2019  | 6440              | 6534.94                               | 6529.26                               | 5.68          |
|         |         |          |             | 8/27/2019  | 6447              | 6536.48                               | 6529.29                               | 7.19          |
|         |         |          |             | 9/3/2019   | 6454              | 6535.33                               | 6529.33                               | 6.00          |
|         |         |          |             | 9/10/2019  | 6461              | 6536.65                               | 6529.36                               | 7.29          |
|         |         |          |             | 9/17/2019  | 6468              | 6535.23                               | 6529.39                               | 5.84          |
|         |         |          |             | 9/24/2019  | 6475              | 6535.11                               | 6529.41                               | 5.70          |
|         |         |          |             | 10/1/2019  | 6482              | 6535.17                               | 6529.44                               | 5.73          |
|         |         |          |             | 10/8/2019  | 6489              | 6535.28                               | 6529.46                               | 5.82          |
|         |         |          |             | 10/15/2019 | 6496              | 6535.45                               | 6529.48                               | 5.97          |
|         |         |          |             | 10/22/2019 | 6503              | 6535.61                               | 6529.50                               | 6.11          |
|         |         |          |             | 10/29/2019 | 6510              | 6535.88                               | 6529.52                               | 6.36          |
|         |         |          |             | 11/5/2019  | 6517              | 6535.74                               | 6529.55                               | 6.19          |
|         |         |          |             | 11/12/2019 | 6524              | 6535.21                               | 6529.57                               | 5.64          |
|         |         |          |             | 11/19/2019 | 6531              | 6535.01                               | 6529.59                               | 5.42          |
|         |         |          |             | 11/26/2019 | 6538              | 6535.01                               | 6529.61                               | 5.40          |
|         |         |          |             | 12/3/2019  | 6545              | 6534.56                               | 6529.63                               | 4.93          |
|         |         |          |             | 12/10/2019 | 6552              | 6534.87                               | 6529.66                               | 5.21          |
|         |         |          |             | 12/17/2019 | 6559              | 6534.63                               | 6529.68                               | 4.95          |
|         |         |          |             | 12/24/2019 | 6566              | 6535.18                               | 6529.70                               | 5.48          |
|         |         |          |             | 12/31/2019 | 6573              | 6535.13                               | 6529.72                               | 5.41          |
|         |         |          |             | 7/18/2002  | 199               | 6532.28                               | 6532.58                               | -0.30         |
|         |         |          |             | 7/16/2003  | 562               | 6532.82                               | 6532.64                               | 0.18          |
|         |         |          |             | 7/8/2004   | 919               | 6532.98                               | 6533.16                               | -0.18         |
|         |         |          |             | 3/15/2005  | 1169              | 6532.84                               | 6533.74                               | -0.90         |
|         |         |          |             | 9/13/2005  | 1352              | 6532.32                               | 6533.83                               | -1.51         |
|         |         |          |             | 3/15/2006  | 1535              | 6533.14                               | 6533.90                               | -0.76         |
|         |         |          |             | 9/15/2006  | 1719              | 6532.62                               | 6534.12                               | -1.50         |
|         |         |          |             | 3/9/2007   | 1893              | 6531.36                               | 6534.24                               | -2.88         |
|         |         |          |             | 9/12/2007  | 2080              | 6531.21                               | 6533.88                               | -2.67         |
|         |         |          |             | 11/15/2007 | 2145              | 6531.48                               | 6533.73                               | -2.25         |
|         |         |          |             | 3/11/2008  | 2262              | 6531.92                               | 6533.45                               | -1.53         |
|         |         |          |             | 9/9/2008   | 2443              | 6530.62                               | 6533.05                               | -2.43         |
|         |         |          |             | 12/4/2008  | 2530              | 6531.40                               | 6532.88                               | -1.48         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| F          | 489,554 | 1,539,908 | 1           | 3/4/2009   | 2619              | 6531.79                               | 6532.76                               | -0.97         |
|            |         |           |             | 9/15/2009  | 2815              | 6531.41                               | 6532.71                               | -1.30         |
|            |         |           |             | 12/15/2009 | 2906              | 6530.86                               | 6532.73                               | -1.87         |
|            |         |           |             | 3/9/2010   | 2990              | 6531.58                               | 6532.72                               | -1.14         |
|            |         |           |             | 9/11/2010  | 3176              | 6531.32                               | 6532.64                               | -1.32         |
|            |         |           |             | 12/16/2010 | 3271              | 6531.80                               | 6532.63                               | -0.83         |
|            |         |           |             | 3/17/2011  | 3362              | 6532.62                               | 6532.75                               | -0.13         |
|            |         |           |             | 9/9/2011   | 3539              | 6532.74                               | 6533.14                               | -0.40         |
|            |         |           |             | 12/6/2011  | 3627              | 6533.22                               | 6533.36                               | -0.14         |
|            |         |           |             | 3/15/2012  | 3727              | 6533.53                               | 6533.59                               | -0.06         |
|            |         |           |             | 9/18/2012  | 3914              | 6533.16                               | 6534.00                               | -0.84         |
|            |         |           |             | 11/15/2012 | 3972              | 6533.28                               | 6534.12                               | -0.84         |
|            |         |           |             | 3/6/2013   | 4082              | 6533.62                               | 6534.30                               | -0.68         |
|            |         |           |             | 10/30/2013 | 4321              | 6534.37                               | 6534.67                               | -0.30         |
|            |         |           |             | 12/13/2013 | 4364              | 6533.72                               | 6534.75                               | -1.03         |
|            |         |           |             | 3/19/2014  | 4461              | 6533.34                               | 6534.83                               | -1.49         |
|            |         |           |             | 9/16/2014  | 4642              | 6532.17                               | 6534.97                               | -2.80         |
|            |         |           |             | 3/18/2015  | 4825              | 6533.63                               | 6535.28                               | -1.65         |
|            |         |           |             | 9/26/2015  | 5016              | 6535.57                               | 6535.84                               | -0.27         |
|            |         |           |             | 12/1/2015  | 5082              | 6535.05                               | 6536.05                               | -1.00         |
|            |         |           |             | 3/16/2016  | 5189              | 6534.57                               | 6536.24                               | -1.67         |
|            |         |           |             | 9/20/2016  | 5377              | 6533.64                               | 6536.22                               | -2.58         |
|            |         |           |             | 12/14/2016 | 5461              | 6533.48                               | 6536.13                               | -2.65         |
|            |         |           |             | 3/18/2017  | 5555              | 6532.77                               | 6535.79                               | -3.02         |
|            |         |           |             | 11/15/2017 | 5798              | 6530.62                               | 6534.46                               | -3.84         |
|            |         |           |             | 12/6/2017  | 5818              | 6530.25                               | 6534.36                               | -4.11         |
|            |         |           |             | 3/6/2018   | 5908              | 6531.34                               | 6533.92                               | -2.58         |
|            |         |           |             | 6/12/2018  | 6006              | 6530.72                               | 6533.56                               | -2.84         |
|            |         |           |             | 9/13/2018  | 6099              | 6530.13                               | 6533.24                               | -3.11         |
|            |         |           |             | 9/27/2018  | 6113              | 6529.68                               | 6533.19                               | -3.51         |
|            |         |           |             | 12/12/2018 | 6190              | 6529.37                               | 6532.93                               | -3.56         |
|            |         |           |             | 12/27/2018 | 6204              | 6529.55                               | 6532.89                               | -3.34         |
| 3/7/2019   | 6275    | 6529.53   | 6532.58     | -3.05      |                   |                                       |                                       |               |
| 9/24/2019  | 6475    | 6529.09   | 6531.51     | -2.42      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6528.82   | 6531.08     | -2.26      |                   |                                       |                                       |               |
| 2/12/2002  |         |           |             | 42         | 6528.25           | 6529.15                               | -0.90                                 |               |
| 10/15/2002 |         |           |             | 288        | 6528.29           | 6529.17                               | -0.88                                 |               |
| 1/23/2003  |         |           |             | 388        | 6528.46           | 6529.15                               | -0.69                                 |               |
| 10/14/2003 |         |           |             | 652        | 6528.55           | 6529.20                               | -0.65                                 |               |
| 1/14/2004  |         |           |             | 743        | 6528.13           | 6529.25                               | -1.12                                 |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| FB        | 488,857 | 1,540,417 | 1           | 10/14/2004 | 1017              | 6528.84                               | 6529.52                               | -0.68         |
|           |         |           |             | 3/15/2005  | 1169              | 6528.68                               | 6529.78                               | -1.10         |
|           |         |           |             | 9/13/2005  | 1352              | 6527.96                               | 6530.22                               | -2.26         |
|           |         |           |             | 3/15/2006  | 1534              | 6529.18                               | 6530.56                               | -1.38         |
|           |         |           |             | 9/12/2006  | 1716              | 6525.91                               | 6530.85                               | -4.94         |
|           |         |           |             | 3/9/2007   | 1893              | 6527.78                               | 6530.88                               | -3.10         |
|           |         |           |             | 9/12/2007  | 2080              | 6528.16                               | 6530.35                               | -2.19         |
|           |         |           |             | 3/11/2008  | 2262              | 6528.82                               | 6529.87                               | -1.05         |
|           |         |           |             | 9/9/2008   | 2443              | 6527.62                               | 6529.50                               | -1.88         |
|           |         |           |             | 3/4/2009   | 2619              | 6529.82                               | 6529.26                               | 0.56          |
|           |         |           |             | 9/15/2009  | 2814              | 6528.66                               | 6529.24                               | -0.58         |
|           |         |           |             | 3/9/2010   | 2989              | 6529.72                               | 6529.16                               | 0.56          |
|           |         |           |             | 9/11/2010  | 3175              | 6528.72                               | 6529.08                               | -0.36         |
|           |         |           |             | 3/17/2011  | 3362              | 6530.90                               | 6529.35                               | 1.55          |
|           |         |           |             | 9/9/2011   | 3539              | 6531.22                               | 6529.98                               | 1.24          |
|           |         |           |             | 3/15/2012  | 3727              | 6531.96                               | 6530.61                               | 1.35          |
|           |         |           |             | 9/18/2012  | 3914              | 6531.76                               | 6531.12                               | 0.64          |
|           |         |           |             | 3/6/2013   | 4082              | 6531.96                               | 6531.53                               | 0.43          |
|           |         |           |             | 11/2/2013  | 4323              | 6532.42                               | 6532.14                               | 0.28          |
|           |         |           |             | 3/20/2014  | 4462              | 6532.06                               | 6532.49                               | -0.43         |
|           |         |           |             | 9/16/2014  | 4642              | 6531.16                               | 6532.83                               | -1.67         |
|           |         |           |             | 3/18/2015  | 4825              | 6532.58                               | 6533.26                               | -0.68         |
|           |         |           |             | 8/7/2015   | 4967              | 6534.12                               | 6533.69                               | 0.43          |
|           |         |           |             | 9/26/2015  | 5016              | 6534.54                               | 6533.84                               | 0.70          |
|           |         |           |             | 3/16/2016  | 5189              | 6532.88                               | 6534.01                               | -1.13         |
|           |         |           |             | 9/20/2016  | 5377              | 6532.25                               | 6533.72                               | -1.47         |
|           |         |           |             | 3/18/2017  | 5555              | 6531.14                               | 6532.80                               | -1.66         |
|           |         |           |             | 11/15/2017 | 5798              | 6529.46                               | 6531.17                               | -1.71         |
| 3/3/2018  | 5905    | 6531.34   | 6530.65     | 0.69       |                   |                                       |                                       |               |
| 9/13/2018 | 6099    | 6529.94   | 6529.86     | 0.08       |                   |                                       |                                       |               |
| 3/7/2019  | 6275    | 6528.66   | 6528.95     | -0.29      |                   |                                       |                                       |               |
| 9/24/2019 | 6475    | 6528.43   | 6527.77     | 0.66       |                   |                                       |                                       |               |
| GA        | 489,255 | 1,538,657 | 1           | 12/6/2002  | 339               | 6527.37                               | 6526.82                               | 0.55          |
|           |         |           |             | 12/12/2003 | 711               | 6528.04                               | 6526.91                               | 1.13          |
|           |         |           |             | 12/10/2004 | 1074              | 6527.99                               | 6529.75                               | -1.76         |
|           |         |           |             | 12/2/2005  | 1432              | 6528.33                               | 6529.59                               | -1.26         |
|           |         |           |             | 12/21/2006 | 1815              | 6526.79                               | 6529.91                               | -3.12         |
|           |         |           |             | 11/13/2007 | 2143              | 6526.09                               | 6529.34                               | -3.25         |
|           |         |           |             | 12/4/2008  | 2530              | 6526.07                               | 6528.68                               | -2.61         |
|           |         |           |             | 12/10/2009 | 2901              | 6525.66                               | 6528.88                               | -3.22         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |     |         |         |      |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|-----|---------|---------|------|
|            |         |           |             | 12/14/2010 | 3269              | 6526.77                               | 6529.07                               | -2.30         |     |         |         |      |
|            |         |           |             | 12/6/2011  | 3626              | 6529.09                               | 6530.21                               | -1.12         |     |         |         |      |
|            |         |           |             | 11/14/2012 | 3970              | 6528.15                               | 6530.89                               | -2.74         |     |         |         |      |
|            |         |           |             | 12/13/2013 | 4364              | 6528.37                               | 6531.14                               | -2.77         |     |         |         |      |
|            |         |           |             | 12/13/2016 | 5460              | 6530.29                               | 6532.66                               | -2.37         |     |         |         |      |
|            |         |           |             | 12/27/2018 | 6204              | 6525.69                               | 6530.83                               | -5.14         |     |         |         |      |
|            |         |           |             | 12/19/2019 | 6561              | 6523.74                               | 6529.32                               | -5.58         |     |         |         |      |
| GF         | 490,097 | 1,538,632 | 1           | 12/10/2004 | 1074              | 6529.87                               | 6529.92                               | -0.05         |     |         |         |      |
|            |         |           |             | 12/2/2005  | 1432              | 6530.28                               | 6529.79                               | 0.49          |     |         |         |      |
|            |         |           |             | 12/21/2006 | 1815              | 6525.57                               | 6530.18                               | -4.61         |     |         |         |      |
|            |         |           |             | 11/13/2007 | 2143              | 6529.98                               | 6529.65                               | 0.33          |     |         |         |      |
|            |         |           |             | 12/4/2008  | 2530              | 6529.00                               | 6528.96                               | 0.04          |     |         |         |      |
|            |         |           |             | 12/10/2009 | 2901              | 6527.46                               | 6529.20                               | -1.74         |     |         |         |      |
|            |         |           |             | 12/14/2010 | 3269              | 6528.45                               | 6529.48                               | -1.03         |     |         |         |      |
|            |         |           |             | 12/6/2011  | 3626              | 6530.51                               | 6530.50                               | 0.01          |     |         |         |      |
|            |         |           |             | 11/14/2012 | 3970              | 6530.01                               | 6531.19                               | -1.18         |     |         |         |      |
|            |         |           |             | 12/13/2013 | 4364              | 6530.46                               | 6531.62                               | -1.16         |     |         |         |      |
|            |         |           |             | 12/1/2015  | 5082              | 6532.61                               | 6532.96                               | -0.35         |     |         |         |      |
|            |         |           |             | 12/13/2016 | 5460              | 6531.11                               | 6533.11                               | -2.00         |     |         |         |      |
|            |         |           |             | 12/6/2017  | 5818              | 6527.49                               | 6532.11                               | -4.62         |     |         |         |      |
|            |         |           |             | 12/27/2018 | 6204              | 6527.61                               | 6531.29                               | -3.68         |     |         |         |      |
|            |         |           |             | 12/19/2019 | 6561              | 6527.41                               | 6529.82                               | -2.41         |     |         |         |      |
|            |         |           |             |            |                   |                                       |                                       | 3/21/2002     | 80  | 6528.63 | 6527.30 | 1.33 |
|            |         |           |             |            |                   |                                       |                                       | 3/11/2003     | 434 | 6529.02 | 6527.29 | 1.73 |
| 3/12/2004  | 801     | 6529.32   | 6528.41     |            |                   |                                       |                                       | 0.91          |     |         |         |      |
| 12/10/2004 | 1074    | 6529.30   | 6529.97     |            |                   |                                       |                                       | -0.67         |     |         |         |      |
| 3/18/2005  | 1173    | 6529.43   | 6529.92     |            |                   |                                       |                                       | -0.49         |     |         |         |      |
| 9/13/2005  | 1352    | 6527.18   | 6529.82     |            |                   |                                       |                                       | -2.64         |     |         |         |      |
| 12/2/2005  | 1432    | 6529.76   | 6529.82     |            |                   |                                       |                                       | -0.06         |     |         |         |      |
| 3/15/2006  | 1535    | 6529.46   | 6529.89     |            |                   |                                       |                                       | -0.43         |     |         |         |      |
| 9/13/2006  | 1717    | 6526.36   | 6530.07     |            |                   |                                       |                                       | -3.71         |     |         |         |      |
| 12/21/2006 | 1815    | 6527.71   | 6530.16     |            |                   |                                       |                                       | -2.45         |     |         |         |      |
| 3/9/2007   | 1893    | 6526.38   | 6529.93     |            |                   |                                       |                                       | -3.55         |     |         |         |      |
| 9/12/2007  | 2080    | 6526.67   | 6529.66     |            |                   |                                       |                                       | -2.99         |     |         |         |      |
| 11/13/2007 | 2143    | 6527.46   | 6529.59     |            |                   |                                       |                                       | -2.13         |     |         |         |      |
| 12/5/2007  | 2164    | 6527.72   | 6529.56     |            |                   |                                       |                                       | -1.84         |     |         |         |      |
| 12/13/2007 | 2172    | 6527.77   | 6529.55     |            |                   |                                       |                                       | -1.78         |     |         |         |      |
| 3/11/2008  | 2262    | 6528.06   | 6529.42     |            |                   |                                       |                                       | -1.36         |     |         |         |      |
| 9/9/2008   | 2443    | 6526.52   | 6529.08     |            |                   |                                       |                                       | -2.56         |     |         |         |      |
| 12/4/2008  | 2530    | 6527.44   | 6528.92     |            |                   |                                       |                                       | -1.48         |     |         |         |      |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |     |         |         |      |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|-----|---------|---------|------|
| GH      | 489,509 | 1,538,807 | 1           | 3/5/2009   | 2621              | 6528.53                               | 6528.88                               | -0.35         |     |         |         |      |
|         |         |           |             | 9/15/2009  | 2815              | 6524.70                               | 6529.03                               | -4.33         |     |         |         |      |
|         |         |           |             | 12/10/2009 | 2900              | 6526.98                               | 6529.12                               | -2.14         |     |         |         |      |
|         |         |           |             | 3/9/2010   | 2990              | 6528.01                               | 6529.08                               | -1.07         |     |         |         |      |
|         |         |           |             | 9/11/2010  | 3176              | 6525.90                               | 6529.22                               | -3.32         |     |         |         |      |
|         |         |           |             | 3/17/2011  | 3362              | 6529.78                               | 6529.62                               | 0.16          |     |         |         |      |
|         |         |           |             | 9/9/2011   | 3539              | 6529.56                               | 6530.17                               | -0.61         |     |         |         |      |
|         |         |           |             | 12/6/2011  | 3626              | 6530.46                               | 6530.42                               | 0.04          |     |         |         |      |
|         |         |           |             | 3/15/2012  | 3727              | 6531.38                               | 6530.65                               | 0.73          |     |         |         |      |
|         |         |           |             | 9/18/2012  | 3913              | 6529.56                               | 6531.00                               | -1.44         |     |         |         |      |
|         |         |           |             | 11/14/2012 | 3970              | 6529.61                               | 6531.10                               | -1.49         |     |         |         |      |
|         |         |           |             | 3/6/2013   | 4082              | 6530.19                               | 6531.17                               | -0.98         |     |         |         |      |
|         |         |           |             | 11/2/2013  | 4323              | 6530.73                               | 6531.37                               | -0.64         |     |         |         |      |
|         |         |           |             | 12/13/2013 | 4364              | 6529.91                               | 6531.43                               | -1.52         |     |         |         |      |
|         |         |           |             | 3/19/2014  | 4461              | 6529.11                               | 6531.47                               | -2.36         |     |         |         |      |
|         |         |           |             | 9/19/2014  | 4645              | 6529.56                               | 6531.66                               | -2.10         |     |         |         |      |
|         |         |           |             | 3/13/2015  | 4819              | 6530.87                               | 6532.03                               | -1.16         |     |         |         |      |
|         |         |           |             | 8/7/2015   | 4967              | 6533.14                               | 6532.50                               | 0.64          |     |         |         |      |
|         |         |           |             | 12/1/2015  | 5082              | 6530.56                               | 6532.86                               | -2.30         |     |         |         |      |
|         |         |           |             | 3/16/2016  | 5188              | 6531.37                               | 6532.91                               | -1.54         |     |         |         |      |
|         |         |           |             | 9/20/2016  | 5377              | 6531.66                               | 6532.90                               | -1.24         |     |         |         |      |
|         |         |           |             | 12/13/2016 | 5460              | 6531.26                               | 6532.93                               | -1.67         |     |         |         |      |
|         |         |           |             | 3/18/2017  | 5556              | 6530.12                               | 6532.51                               | -2.39         |     |         |         |      |
|         |         |           |             | 11/15/2017 | 5798              | 6527.01                               | 6531.81                               | -4.80         |     |         |         |      |
|         |         |           |             | 12/6/2017  | 5818              | 6526.73                               | 6531.75                               | -5.02         |     |         |         |      |
|         |         |           |             | 3/3/2018   | 5905              | 6528.40                               | 6531.71                               | -3.31         |     |         |         |      |
|         |         |           |             | 9/13/2018  | 6099              | 6527.38                               | 6531.30                               | -3.92         |     |         |         |      |
|         |         |           |             | 12/4/2018  | 6181              | 6526.42                               | 6531.11                               | -4.69         |     |         |         |      |
|         |         |           |             | 3/7/2019   | 6274              | 6527.11                               | 6530.64                               | -3.53         |     |         |         |      |
|         |         |           |             | 10/1/2019  | 6482              | 6527.19                               | 6529.83                               | -2.64         |     |         |         |      |
|         |         |           |             |            |                   |                                       |                                       | 12/6/2002     | 339 | 6529.33 | 6527.86 | 1.47 |
|         |         |           |             |            |                   |                                       |                                       | 12/12/2003    | 711 | 6531.12 | 6527.99 | 3.13 |
|         |         |           |             | 3/4/2004   | 794               | 6530.96                               | 6528.42                               | 2.54          |     |         |         |      |
|         |         |           |             | 12/10/2004 | 1074              | 6530.69                               | 6529.67                               | 1.02          |     |         |         |      |
|         |         |           |             | 12/22/2004 | 1086              | 6530.69                               | 6529.72                               | 0.97          |     |         |         |      |
|         |         |           |             | 4/13/2005  | 1198              | 6530.88                               | 6529.70                               | 1.18          |     |         |         |      |
|         |         |           |             | 12/2/2005  | 1432              | 6531.25                               | 6529.68                               | 1.57          |     |         |         |      |
|         |         |           |             | 12/21/2006 | 1815              | 6529.63                               | 6530.06                               | -0.43         |     |         |         |      |
|         |         |           |             | 3/21/2007  | 1906              | 6529.06                               | 6529.91                               | -0.85         |     |         |         |      |
|         |         |           |             | 11/13/2007 | 2143              | 6528.76                               | 6529.59                               | -0.83         |     |         |         |      |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| GK         | 490,482 | 1,538,622 | 1           | 12/13/2007 | 2172              | 6528.96                               | 6529.56                               | -0.60         |
|            |         |           |             | 4/23/2008  | 2305              | 6528.71                               | 6529.31                               | -0.60         |
|            |         |           |             | 12/4/2008  | 2530              | 6528.76                               | 6528.87                               | -0.11         |
|            |         |           |             | 3/7/2009   | 2623              | 6529.15                               | 6528.84                               | 0.31          |
|            |         |           |             | 12/10/2009 | 2901              | 6528.26                               | 6529.14                               | -0.88         |
|            |         |           |             | 6/24/2010  | 3097              | 6529.16                               | 6529.28                               | -0.12         |
|            |         |           |             | 4/19/2011  | 3395              | 6530.45                               | 6529.80                               | 0.65          |
|            |         |           |             | 3/6/2012   | 3718              | 6531.66                               | 6530.65                               | 1.01          |
|            |         |           |             | 4/14/2012  | 3756              | 6531.19                               | 6530.73                               | 0.46          |
|            |         |           |             | 11/15/2017 | 5798              | 6528.63                               | 6532.26                               | -3.63         |
|            |         |           |             | 9/19/2018  | 6105              | 6529.39                               | 6531.53                               | -2.14         |
| GN         | 490,944 | 1,538,602 | 1           | 2/23/2006  | 1514              | 6532.49                               | 6529.91                               | 2.58          |
|            |         |           |             | 8/22/2006  | 1695              | 6531.17                               | 6530.10                               | 1.07          |
|            |         |           |             | 3/21/2007  | 1906              | 6530.05                               | 6530.05                               | 0.00          |
|            |         |           |             | 8/22/2007  | 2060              | 6529.17                               | 6529.83                               | -0.66         |
|            |         |           |             | 4/23/2008  | 2305              | 6528.62                               | 6529.42                               | -0.80         |
|            |         |           |             | 10/28/2008 | 2492              | 6527.01                               | 6529.02                               | -2.01         |
|            |         |           |             | 7/23/2009  | 2761              | 6529.49                               | 6529.13                               | 0.36          |
|            |         |           |             | 9/21/2010  | 3185              | 6529.26                               | 6529.54                               | -0.28         |
|            |         |           |             | 3/1/2011   | 3346              | 6529.86                               | 6529.80                               | 0.06          |
|            |         |           |             | 4/17/2012  | 3759              | 6531.57                               | 6530.86                               | 0.71          |
|            |         |           |             | 3/6/2013   | 4083              | 6531.98                               | 6531.42                               | 0.56          |
|            |         |           |             | 3/11/2015  | 4818              | 6532.66                               | 6532.27                               | 0.39          |
|            |         |           |             | 8/19/2015  | 4979              | 6534.67                               | 6532.66                               | 2.01          |
|            |         |           |             | 3/16/2016  | 5189              | 6533.46                               | 6533.09                               | 0.37          |
|            |         |           |             | 3/21/2017  | 5558              | 6531.87                               | 6533.06                               | -1.19         |
|            |         |           |             | 8/15/2017  | 5705              | 6529.87                               | 6532.70                               | -2.83         |
|            |         |           |             | 3/3/2018   | 5905              | 6529.11                               | 6532.14                               | -3.03         |
|            |         |           |             | 3/6/2019   | 6274              | 6528.24                               | 6531.14                               | -2.90         |
|            |         |           |             | 10/15/2002 | 288               | 6525.36                               | 6526.41                               | -1.05         |
|            |         |           |             | 12/12/2003 | 711               | 6526.40                               | 6526.62                               | -0.22         |
| 1/9/2004   | 738     | 6525.90   | 6526.64     | -0.74      |                   |                                       |                                       |               |
| 3/4/2004   | 794     | 6526.27   | 6526.78     | -0.51      |                   |                                       |                                       |               |
| 9/24/2004  | 998     | 6526.15   | 6527.48     | -1.33      |                   |                                       |                                       |               |
| 12/10/2004 | 1074    | 6526.15   | 6527.75     | -1.60      |                   |                                       |                                       |               |
| 12/22/2004 | 1086    | 6526.15   | 6527.79     | -1.64      |                   |                                       |                                       |               |
| 4/13/2005  | 1198    | 6526.34   | 6527.89     | -1.55      |                   |                                       |                                       |               |
| 9/28/2005  | 1366    | 6524.68   | 6528.00     | -3.32      |                   |                                       |                                       |               |
| 12/2/2005  | 1432    | 6526.38   | 6528.05     | -1.67      |                   |                                       |                                       |               |
| 9/27/2006  | 1731    | 6523.84   | 6528.34     | -4.50      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| GV         | 491,428 | 1,537,701 | 1           | 12/21/2006 | 1815              | 6525.02                               | 6528.41                               | -3.39         |
|            |         |           |             | 3/21/2007  | 1906              | 6524.68                               | 6528.32                               | -3.64         |
|            |         |           |             | 9/25/2007  | 2094              | 6523.78                               | 6528.13                               | -4.35         |
|            |         |           |             | 11/13/2007 | 2143              | 6523.99                               | 6528.09                               | -4.10         |
|            |         |           |             | 12/13/2007 | 2173              | 6524.16                               | 6528.07                               | -3.91         |
|            |         |           |             | 4/23/2008  | 2305              | 6523.88                               | 6527.84                               | -3.96         |
|            |         |           |             | 10/28/2008 | 2493              | 6522.32                               | 6527.49                               | -5.17         |
|            |         |           |             | 12/4/2008  | 2530              | 6523.97                               | 6527.43                               | -3.46         |
|            |         |           |             | 3/7/2009   | 2623              | 6524.37                               | 6527.43                               | -3.06         |
|            |         |           |             | 10/22/2009 | 2852              | 6522.09                               | 6527.74                               | -5.65         |
|            |         |           |             | 12/10/2009 | 2901              | 6523.80                               | 6527.81                               | -4.01         |
|            |         |           |             | 6/24/2010  | 3097              | 6524.75                               | 6528.05                               | -3.30         |
|            |         |           |             | 12/14/2010 | 3269              | 6524.84                               | 6528.29                               | -3.45         |
|            |         |           |             | 4/19/2011  | 3395              | 6525.98                               | 6528.59                               | -2.61         |
|            |         |           |             | 11/12/2011 | 3602              | 6526.85                               | 6529.11                               | -2.26         |
|            |         |           |             | 12/6/2011  | 3626              | 6526.83                               | 6529.17                               | -2.34         |
|            |         |           |             | 5/9/2012   | 3782              | 6526.98                               | 6529.50                               | -2.52         |
|            |         |           |             | 11/14/2012 | 3970              | 6526.62                               | 6529.86                               | -3.24         |
|            |         |           |             | 11/28/2012 | 3984              | 6526.68                               | 6529.88                               | -3.20         |
|            |         |           |             | 3/6/2013   | 4083              | 6527.41                               | 6530.03                               | -2.62         |
|            |         |           |             | 12/13/2013 | 4364              | 6527.12                               | 6530.39                               | -3.27         |
|            |         |           |             | 10/2/2015  | 5023              | 6529.64                               | 6531.48                               | -1.84         |
|            |         |           |             | 12/1/2015  | 5082              | 6528.93                               | 6531.65                               | -2.72         |
|            |         |           |             | 12/13/2016 | 5460              | 6527.98                               | 6532.02                               | -4.04         |
|            |         |           |             | 12/22/2016 | 5469              | 6528.11                               | 6532.03                               | -3.92         |
|            |         |           |             | 9/21/2017  | 5743              | 6526.08                               | 6531.59                               | -5.51         |
|            |         |           |             | 12/6/2017  | 5818              | 6525.08                               | 6531.43                               | -6.35         |
|            |         |           |             | 9/19/2018  | 6105              | 6526.57                               | 6530.68                               | -4.11         |
| 12/27/2018 | 6204    | 6526.33   | 6530.46     | -4.13      |                   |                                       |                                       |               |
| 12/14/2019 | 6556    | 6515.73   | 6529.29     | -13.56     |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6525.48   | 6529.27     | -3.79      |                   |                                       |                                       |               |
| GW1        | 490,530 | 1,539,755 | 1           | 12/6/2002  | 339               | 6534.08                               | 6537.63                               | -3.55         |
|            |         |           |             | 12/12/2003 | 711               | 6534.92                               | 6538.15                               | -3.23         |
|            |         |           |             | 12/10/2004 | 1074              | 6533.52                               | 6538.37                               | -4.85         |
|            |         |           |             | 12/2/2005  | 1432              | 6535.32                               | 6537.84                               | -2.52         |
|            |         |           |             | 12/21/2006 | 1815              | 6533.36                               | 6538.31                               | -4.95         |
|            |         |           |             | 11/13/2007 | 2143              | 6531.87                               | 6537.42                               | -5.55         |
|            |         |           |             | 12/4/2008  | 2530              | 6532.22                               | 6536.73                               | -4.51         |
|            |         |           |             | 12/10/2009 | 2900              | 6531.02                               | 6536.69                               | -5.67         |
|            |         |           |             | 12/14/2010 | 3269              | 6532.02                               | 6536.62                               | -4.60         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/13/2013 | 4364              | 6534.23                               | 6538.30                               | -4.07         |
|            |         |           |             | 12/1/2015  | 5082              | 6535.10                               | 6539.04                               | -3.94         |
|            |         |           |             | 12/13/2016 | 5460              | 6532.57                               | 6539.09                               | -6.52         |
|            |         |           |             | 12/6/2017  | 5818              | 6529.66                               | 6537.49                               | -7.83         |
|            |         |           |             | 12/27/2018 | 6204              | 6528.67                               | 6536.22                               | -7.55         |
|            |         |           |             | 12/19/2019 | 6561              | 6527.87                               | 6534.26                               | -6.39         |
| GW2        | 490,497 | 1,539,471 | 1           | 12/6/2002  | 339               | 6533.54                               | 6532.63                               | 0.91          |
|            |         |           |             | 12/12/2003 | 711               | 6534.35                               | 6532.90                               | 1.45          |
|            |         |           |             | 12/10/2004 | 1074              | 6533.27                               | 6533.81                               | -0.54         |
|            |         |           |             | 12/2/2005  | 1432              | 6534.72                               | 6533.68                               | 1.04          |
|            |         |           |             | 12/21/2006 | 1815              | 6532.87                               | 6534.05                               | -1.18         |
|            |         |           |             | 11/13/2007 | 2143              | 6531.58                               | 6533.43                               | -1.85         |
|            |         |           |             | 12/4/2008  | 2530              | 6532.82                               | 6532.70                               | 0.12          |
|            |         |           |             | 12/10/2009 | 2900              | 6530.73                               | 6532.76                               | -2.03         |
|            |         |           |             | 12/14/2010 | 3269              | 6531.77                               | 6532.87                               | -1.10         |
|            |         |           |             | 12/13/2013 | 4364              | 6534.09                               | 6534.76                               | -0.67         |
|            |         |           |             | 12/1/2015  | 5082              | 6535.23                               | 6535.75                               | -0.52         |
|            |         |           |             | 12/13/2016 | 5460              | 6533.18                               | 6535.95                               | -2.77         |
|            |         |           |             | 12/6/2017  | 5818              | 6528.85                               | 6534.77                               | -5.92         |
|            |         |           |             | 12/27/2018 | 6204              | 6528.98                               | 6533.68                               | -4.70         |
| 12/19/2019 | 6561    | 6526.23   | 6532.05     | -5.82      |                   |                                       |                                       |               |
| H1         | 480,022 | 1,541,931 | 1           | 2/21/2015  | 4800              | 6485.75                               | 6493.74                               | -7.99         |
|            |         |           |             | 3/5/2015   | 4811              | 6485.90                               | 6493.87                               | -7.97         |
|            |         |           |             | 3/12/2015  | 4818              | 6485.75                               | 6493.94                               | -8.19         |
|            |         |           |             | 3/19/2015  | 4825              | 6485.92                               | 6494.02                               | -8.10         |
|            |         |           |             | 3/26/2015  | 4833              | 6485.93                               | 6494.09                               | -8.16         |
|            |         |           |             | 4/2/2015   | 4839              | 6485.95                               | 6494.16                               | -8.21         |
|            |         |           |             | 4/16/2015  | 4854              | 6486.05                               | 6494.31                               | -8.26         |
|            |         |           |             | 4/23/2015  | 4860              | 6486.00                               | 6494.38                               | -8.38         |
|            |         |           |             | 5/6/2015   | 4873              | 6486.01                               | 6494.52                               | -8.51         |
|            |         |           |             | 2/13/2018  | 5887              | 6484.35                               | 6489.58                               | -5.23         |
|            |         |           |             | 6/22/2018  | 6016              | 6485.93                               | 6489.63                               | -3.70         |
|            |         |           |             | 8/29/2018  | 6084              | 6486.87                               | 6489.60                               | -2.73         |
|            |         |           |             | 1/29/2019  | 6237              | 6487.09                               | 6489.50                               | -2.41         |
|            |         |           |             | 2/21/2019  | 6261              | 6485.78                               | 6489.28                               | -3.50         |
|            |         |           |             | 2/26/2019  | 6265              | 6485.04                               | 6489.24                               | -4.20         |
|            |         |           |             | 3/26/2019  | 6293              | 6484.32                               | 6489.05                               | -4.73         |
| 5/29/2019  | 6357    | 6482.45   | 6488.68     | -6.23      |                   |                                       |                                       |               |
| 6/25/2019  | 6384    | 6483.35   | 6488.55     | -5.20      |                   |                                       |                                       |               |
| 7/30/2019  | 6419    | 6483.35   | 6488.39     | -5.04      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 10/1/2019  | 6482              | 6483.55                               | 6488.10                               | -4.55         |
|            |         |           |             | 10/29/2019 | 6510              | 6483.80                               | 6487.99                               | -4.19         |
| H10        | 480,550 | 1,541,828 | 1           | 4/12/2014  | 4485              | 6484.56                               | 6492.85                               | -8.29         |
|            |         |           |             | 5/6/2015   | 4874              | 6492.77                               | 6496.39                               | -3.62         |
|            |         |           |             | 1/29/2019  | 6237              | 6491.25                               | 6493.34                               | -2.09         |
|            |         |           |             | 2/26/2019  | 6265              | 6492.53                               | 6493.16                               | -0.63         |
|            |         |           |             | 3/26/2019  | 6293              | 6491.35                               | 6493.00                               | -1.65         |
|            |         |           |             | 5/29/2019  | 6357              | 6490.21                               | 6492.68                               | -2.47         |
|            |         |           |             | 6/25/2019  | 6384              | 6490.76                               | 6492.56                               | -1.80         |
|            |         |           |             | 7/30/2019  | 6419              | 6491.06                               | 6492.41                               | -1.35         |
|            |         |           |             | 10/1/2019  | 6482              | 6490.91                               | 6492.14                               | -1.23         |
|            |         |           |             | 10/29/2019 | 6510              | 6490.96                               | 6492.03                               | -1.07         |
|            |         |           |             | H106       | 482,933           | 1,542,087                             | 1                                     | 6/27/2014     |
| 3/30/2017  | 5567    | 6496.78   | 6504.91     |            |                   |                                       |                                       | -8.13         |
| H11        | 480,586 | 1,541,517 | 1           | 4/15/2014  | 4487              | 6486.98                               | 6492.79                               | -5.81         |
|            |         |           |             | 5/6/2015   | 4874              | 6492.58                               | 6496.33                               | -3.75         |
|            |         |           |             | 1/29/2019  | 6237              | 6498.21                               | 6493.18                               | 5.03          |
|            |         |           |             | 2/26/2019  | 6265              | 6542.10                               | 6493.01                               | 49.09         |
|            |         |           |             | 3/26/2019  | 6293              | 6495.30                               | 6492.85                               | 2.45          |
|            |         |           |             | 6/25/2019  | 6384              | 6490.87                               | 6492.41                               | -1.54         |
|            |         |           |             | 7/30/2019  | 6419              | 6490.87                               | 6492.26                               | -1.39         |
|            |         |           |             | 10/1/2019  | 6482              | 6490.82                               | 6491.99                               | -1.17         |
| 10/29/2019 | 6510    | 6490.82   | 6491.88     | -1.06      |                   |                                       |                                       |               |
| H12        | 480,744 | 1,542,007 | 1           | 4/23/2015  | 4860              | 6494.17                               | 6496.90                               | -2.73         |
|            |         |           |             | 5/6/2015   | 4874              | 6494.20                               | 6497.03                               | -2.83         |
|            |         |           |             | 6/17/2015  | 4915              | 6494.20                               | 6497.43                               | -3.23         |
|            |         |           |             | 8/20/2015  | 4979              | 6494.52                               | 6497.87                               | -3.35         |
|            |         |           |             | 2/19/2016  | 5163              | 6494.32                               | 6498.58                               | -4.26         |
|            |         |           |             | 2/13/2018  | 5887              | 6477.22                               | 6494.37                               | -17.15        |
|            |         |           |             | 6/22/2018  | 6016              | 6476.46                               | 6494.50                               | -18.04        |
|            |         |           |             | 8/29/2018  | 6084              | 6503.59                               | 6494.49                               | 9.10          |
|            |         |           |             | 1/29/2019  | 6237              | 6484.76                               | 6494.45                               | -9.69         |
|            |         |           |             | 2/21/2019  | 6261              | 6494.32                               | 6494.32                               | 0.00          |
|            |         |           |             | 2/26/2019  | 6265              | 6493.99                               | 6494.29                               | -0.30         |
|            |         |           |             | 3/26/2019  | 6293              | 6492.68                               | 6494.14                               | -1.46         |
|            |         |           |             | 5/29/2019  | 6357              | 6491.32                               | 6493.83                               | -2.51         |
|            |         |           |             | 6/25/2019  | 6384              | 6492.32                               | 6493.71                               | -1.39         |
|            |         |           |             | 7/30/2019  | 6419              | 6492.42                               | 6493.56                               | -1.14         |
| 8/23/2019  | 6443    | 6487.32   | 6493.45     | -6.13      |                   |                                       |                                       |               |
| 10/1/2019  | 6482    | 6492.32   | 6493.29     | -0.97      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 10/29/2019 | 6510              | 6492.22                               | 6493.18                               | -0.96         |
| H27        | 481,863 | 1,541,924 | 1           | 4/26/2014  | 4499              | 6495.25                               | 6498.27                               | -3.02         |
|            |         |           |             | 3/29/2017  | 5567              | 6494.11                               | 6500.21                               | -6.10         |
|            |         |           |             | 2/26/2019  | 6265              | 6496.80                               | 6498.64                               | -1.84         |
|            |         |           |             | 3/26/2019  | 6293              | 6495.78                               | 6498.53                               | -2.75         |
|            |         |           |             | 5/29/2019  | 6357              | 6494.45                               | 6498.25                               | -3.80         |
|            |         |           |             | 6/25/2019  | 6384              | 6495.30                               | 6498.14                               | -2.84         |
|            |         |           |             | 7/30/2019  | 6419              | 6495.20                               | 6497.99                               | -2.79         |
|            |         |           |             | 10/1/2019  | 6482              | 6495.10                               | 6497.72                               | -2.62         |
|            |         |           |             | 10/29/2019 | 6510              | 6495.05                               | 6497.61                               | -2.56         |
| H28        | 481,976 | 1,542,427 | 1           | 4/29/2014  | 4501              | 6493.38                               | 6499.03                               | -5.65         |
|            |         |           |             | 3/29/2017  | 5567              | 6495.16                               | 6500.81                               | -5.65         |
| H2A        | 479,997 | 1,541,694 | 1           | 6/19/2014  | 4553              | 6485.87                               | 6491.12                               | -5.25         |
|            |         |           |             | 2/18/2015  | 4797              | 6484.57                               | 6493.61                               | -9.04         |
|            |         |           |             | 2/26/2015  | 4804              | 6485.11                               | 6493.69                               | -8.58         |
|            |         |           |             | 3/5/2015   | 4811              | 6485.27                               | 6493.76                               | -8.49         |
|            |         |           |             | 3/12/2015  | 4818              | 6485.06                               | 6493.84                               | -8.78         |
|            |         |           |             | 3/19/2015  | 4825              | 6485.29                               | 6493.91                               | -8.62         |
|            |         |           |             | 3/26/2015  | 4833              | 6485.06                               | 6493.98                               | -8.92         |
|            |         |           |             | 4/2/2015   | 4839              | 6486.02                               | 6494.06                               | -8.04         |
|            |         |           |             | 4/11/2015  | 4848              | 6486.03                               | 6494.15                               | -8.12         |
|            |         |           |             | 4/16/2015  | 4854              | 6486.22                               | 6494.20                               | -7.98         |
|            |         |           |             | 4/23/2015  | 4860              | 6486.17                               | 6494.27                               | -8.10         |
|            |         |           |             | 5/6/2015   | 4873              | 6486.11                               | 6494.41                               | -8.30         |
|            |         |           |             | 6/17/2015  | 4915              | 6486.97                               | 6494.82                               | -7.85         |
|            |         |           |             | 8/20/2015  | 4980              | 6487.89                               | 6495.27                               | -7.38         |
|            |         |           |             | 9/30/2015  | 5020              | 6486.89                               | 6495.46                               | -8.57         |
|            |         |           |             | 12/1/2016  | 5449              | 6484.25                               | 6493.84                               | -9.59         |
|            |         |           |             | 12/13/2016 | 5460              | 6484.10                               | 6493.84                               | -9.74         |
|            |         |           |             | 3/21/2017  | 5559              | 6485.37                               | 6491.62                               | -6.25         |
|            |         |           |             | 2/2/2018   | 5877              | 6484.05                               | 6489.54                               | -5.49         |
|            |         |           |             | 1/29/2019  | 6237              | 6483.62                               | 6489.15                               | -5.53         |
|            |         |           |             | 3/7/2019   | 6274              | 6485.56                               | 6488.82                               | -3.26         |
| 3/26/2019  | 6293    | 6484.93   | 6488.71     | -3.78      |                   |                                       |                                       |               |
| 5/29/2019  | 6357    | 6483.57   | 6488.34     | -4.77      |                   |                                       |                                       |               |
| 6/25/2019  | 6384    | 6484.12   | 6488.21     | -4.09      |                   |                                       |                                       |               |
| 7/30/2019  | 6419    | 6483.97   | 6488.05     | -4.08      |                   |                                       |                                       |               |
| 10/1/2019  | 6482    | 6484.32   | 6487.77     | -3.45      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6483.42   | 6487.46     | -4.04      |                   |                                       |                                       |               |
| H32        | 482,295 | 1,542,470 | 1           | 7/12/2014  | 4576              | 6497.11                               | 6500.90                               | -3.79         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| H32     | 482,299 | 1,542,719 | 1           | 3/29/2017  | 5567              | 6495.29                               | 6502.31                               | -7.02         |
| H33     | 482,347 | 1,542,162 | 1           | 6/26/2014  | 4560              | 6499.08                               | 6500.86                               | -1.78         |
|         |         |           |             | 3/29/2017  | 5567              | 6495.48                               | 6502.34                               | -6.86         |
| H34     | 482,618 | 1,542,415 | 1           | 8/8/2014   | 4602              | 6498.71                               | 6502.54                               | -3.83         |
|         |         |           |             | 3/30/2017  | 5567              | 6496.34                               | 6503.76                               | -7.42         |
| H35     | 482,713 | 1,542,209 | 1           | 6/27/2014  | 4560              | 6489.93                               | 6502.65                               | -12.72        |
|         |         |           |             | 3/30/2017  | 5567              | 6495.23                               | 6503.99                               | -8.76         |
| H37     | 482,972 | 1,542,586 | 1           | 6/4/2014   | 4538              | 6499.56                               | 6504.15                               | -4.59         |
|         |         |           |             | 3/30/2017  | 5567              | 6496.85                               | 6505.41                               | -8.56         |
| H38     | 483,081 | 1,542,314 | 1           | 7/2/2014   | 4565              | 6492.49                               | 6504.50                               | -12.01        |
|         |         |           |             | 3/30/2017  | 5567              | 6497.18                               | 6505.64                               | -8.46         |
| H46     | 483,981 | 1,542,614 | 1           | 3/30/2017  | 5568              | 6499.22                               | 6508.76                               | -9.54         |
|         |         |           |             | 11/4/2017  | 5786              | 6498.46                               | 6507.84                               | -9.38         |
|         |         |           |             | 8/29/2018  | 6084              | 6501.97                               | 6507.24                               | -5.27         |
|         |         |           |             | 1/29/2019  | 6237              | 6500.95                               | 6506.95                               | -6.00         |
|         |         |           |             | 2/22/2019  | 6261              | 6501.55                               | 6506.84                               | -5.29         |
|         |         |           |             | 2/26/2019  | 6265              | 6501.38                               | 6506.82                               | -5.44         |
|         |         |           |             | 3/26/2019  | 6293              | 6500.98                               | 6506.69                               | -5.71         |
|         |         |           |             | 5/29/2019  | 6357              | 6500.16                               | 6506.40                               | -6.24         |
|         |         |           |             | 6/25/2019  | 6384              | 6499.96                               | 6506.28                               | -6.32         |
|         |         |           |             | 7/30/2019  | 6419              | 6499.56                               | 6506.12                               | -6.56         |
|         |         |           |             | 8/29/2019  | 6449              | 6499.87                               | 6505.98                               | -6.11         |
|         |         |           |             | 10/1/2019  | 6482              | 6499.86                               | 6505.84                               | -5.98         |
| H55     | 484,706 | 1,542,909 | 1           | 10/29/2019 | 6510              | 6499.86                               | 6505.72                               | -5.86         |
|         |         |           |             | 9/16/2014  | 4641              | 6507.25                               | 6511.91                               | -4.66         |
|         |         |           |             | 11/14/2017 | 5797              | 6504.64                               | 6510.27                               | -5.63         |
|         |         |           |             | 2/2/2018   | 5877              | 6501.45                               | 6510.00                               | -8.55         |
|         |         |           |             | 3/6/2019   | 6273              | 6506.37                               | 6509.16                               | -2.79         |
| H56     | 484,804 | 1,542,625 | 1           | 7/1/2016   | 5296              | 6505.76                               | 6511.35                               | -5.59         |
|         |         |           |             | 11/4/2017  | 5786              | 6504.12                               | 6510.38                               | -6.26         |
|         |         |           |             | 1/29/2019  | 6237              | 6506.95                               | 6509.39                               | -2.44         |
|         |         |           |             | 2/26/2019  | 6265              | 6506.83                               | 6509.27                               | -2.44         |
|         |         |           |             | 3/26/2019  | 6293              | 6506.68                               | 6509.14                               | -2.46         |
|         |         |           |             | 5/29/2019  | 6357              | 6506.34                               | 6508.84                               | -2.50         |
|         |         |           |             | 6/25/2019  | 6384              | 6505.89                               | 6508.72                               | -2.83         |
|         |         |           |             | 7/30/2019  | 6419              | 6505.59                               | 6508.56                               | -2.97         |
|         |         |           |             | 10/1/2019  | 6482              | 6505.94                               | 6508.27                               | -2.33         |
| H61     | 485,206 | 1,542,631 | 1           | 10/29/2019 | 6510              | 6505.69                               | 6508.14                               | -2.45         |
|         |         |           |             | 7/1/2016   | 5296              | 6507.13                               | 6512.45                               | -5.32         |
|         |         |           |             | 11/4/2017  | 5786              | 6506.55                               | 6511.47                               | -4.92         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| H70        | 485,979 | 1,543,343 | 1           | 5/1/2014   | 4503              | 6514.62                               | 6518.81                               | -4.19         |
|            |         |           |             | 7/1/2016   | 5296              | 6508.71                               | 6516.54                               | -7.83         |
|            |         |           |             | 11/4/2017  | 5786              | 6508.00                               | 6515.31                               | -7.31         |
|            |         |           |             | 1/29/2019  | 6237              | 6509.84                               | 6514.22                               | -4.38         |
|            |         |           |             | 2/26/2019  | 6265              | 6509.50                               | 6514.05                               | -4.55         |
|            |         |           |             | 3/26/2019  | 6293              | 6509.58                               | 6513.88                               | -4.30         |
|            |         |           |             | 5/29/2019  | 6357              | 6508.92                               | 6513.51                               | -4.59         |
|            |         |           |             | 6/25/2019  | 6384              | 6510.12                               | 6513.36                               | -3.24         |
|            |         |           |             | 7/30/2019  | 6419              | 6508.17                               | 6513.16                               | -4.99         |
|            |         |           |             | 10/1/2019  | 6482              | 6508.57                               | 6512.81                               | -4.24         |
| 10/29/2019 | 6510    | 6508.32   | 6512.67     | -4.35      |                   |                                       |                                       |               |
| H71        | 485,966 | 1,542,939 | 1           | 5/1/2014   | 4504              | 6515.32                               | 6516.78                               | -1.46         |
|            |         |           |             | 7/1/2016   | 5296              | 6507.84                               | 6515.24                               | -7.40         |
|            |         |           |             | 11/4/2017  | 5786              | 6507.42                               | 6514.10                               | -6.68         |
|            |         |           |             | 1/29/2019  | 6237              | 6508.80                               | 6513.03                               | -4.23         |
|            |         |           |             | 2/26/2019  | 6265              | 6508.65                               | 6512.87                               | -4.22         |
|            |         |           |             | 3/26/2019  | 6293              | 6508.66                               | 6512.71                               | -4.05         |
|            |         |           |             | 5/29/2019  | 6357              | 6508.17                               | 6512.36                               | -4.19         |
|            |         |           |             | 6/25/2019  | 6384              | 6506.27                               | 6512.22                               | -5.95         |
|            |         |           |             | 7/30/2019  | 6419              | 6507.22                               | 6512.03                               | -4.81         |
|            |         |           |             | 10/1/2019  | 6482              | 6507.92                               | 6511.71                               | -3.79         |
| 10/29/2019 | 6510    | 6507.67   | 6511.57     | -3.90      |                   |                                       |                                       |               |
| H75        | 483,453 | 1,542,212 | 1           | 7/2/2014   | 4566              | 6503.25                               | 6506.08                               | -2.83         |
|            |         |           |             | 3/30/2017  | 5567              | 6496.96                               | 6507.02                               | -10.06        |
| H7B        | 480,350 | 1,541,933 | 1           | 4/23/2015  | 4860              | 6491.20                               | 6495.76                               | -4.56         |
|            |         |           |             | 5/6/2015   | 4873              | 6491.14                               | 6495.90                               | -4.76         |
|            |         |           |             | 6/17/2015  | 4915              | 6491.37                               | 6496.31                               | -4.94         |
|            |         |           |             | 8/20/2015  | 4980              | 6492.18                               | 6496.76                               | -4.58         |
|            |         |           |             | 9/30/2015  | 5020              | 6492.33                               | 6496.96                               | -4.63         |
|            |         |           |             | 2/19/2016  | 5163              | 6491.92                               | 6496.80                               | -4.88         |
|            |         |           |             | 12/17/2016 | 5464              | 6488.10                               | 6496.21                               | -8.11         |
|            |         |           |             | 2/13/2018  | 5887              | 6471.26                               | 6491.98                               | -20.72        |
|            |         |           |             | 6/22/2018  | 6016              | 6490.06                               | 6492.08                               | -2.02         |
|            |         |           |             | 8/29/2018  | 6084              | 6491.67                               | 6492.06                               | -0.39         |
|            |         |           |             | 1/29/2019  | 6237              | 6489.57                               | 6492.02                               | -2.45         |
|            |         |           |             | 2/21/2019  | 6261              | 6490.78                               | 6491.85                               | -1.07         |
|            |         |           |             | 2/26/2019  | 6265              | 6487.75                               | 6491.82                               | -4.07         |
|            |         |           |             | 3/26/2019  | 6293              | 6489.73                               | 6491.65                               | -1.92         |
| 5/29/2019  | 6357    | 6488.73   | 6491.30     | -2.57      |                   |                                       |                                       |               |
| 6/25/2019  | 6384    | 6489.38   | 6491.18     | -1.80      |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 7/30/2019  | 6419              | 6489.28                               | 6491.02                               | -1.74         |
|            |         |           |             | 10/1/2019  | 6482              | 6489.48                               | 6490.75                               | -1.27         |
|            |         |           |             | 10/29/2019 | 6510              | 6489.48                               | 6490.64                               | -1.16         |
| H8         | 480,325 | 1,541,405 | 1           | 4/12/2014  | 4484              | 6484.11                               | 6491.72                               | -7.61         |
|            |         |           |             | 5/6/2015   | 4873              | 6491.26                               | 6495.64                               | -4.38         |
| H9         | 480,524 | 1,542,143 | 1           | 4/12/2014  | 4485              | 6486.62                               | 6493.15                               | -6.53         |
|            |         |           |             | 5/6/2015   | 4874              | 6492.48                               | 6496.57                               | -4.09         |
|            |         |           |             | 1/29/2019  | 6237              | 6490.82                               | 6493.29                               | -2.47         |
|            |         |           |             | 2/26/2019  | 6265              | 6491.90                               | 6493.10                               | -1.20         |
|            |         |           |             | 3/26/2019  | 6293              | 6490.81                               | 6492.93                               | -2.12         |
|            |         |           |             | 5/29/2019  | 6357              | 6489.62                               | 6492.60                               | -2.98         |
|            |         |           |             | 6/25/2019  | 6384              | 6490.42                               | 6492.48                               | -2.06         |
|            |         |           |             | 7/30/2019  | 6419              | 6490.22                               | 6492.32                               | -2.10         |
|            |         |           |             | 10/1/2019  | 6482              | 6490.42                               | 6492.04                               | -1.62         |
| H95        | 484,311 | 1,543,327 | 1           | 10/29/2019 | 6510              | 6490.47                               | 6491.93                               | -1.46         |
|            |         |           |             | 9/5/2014   | 4630              | 6507.03                               | 6511.00                               | -3.97         |
|            |         |           |             | 12/1/2015  | 5082              | 6506.51                               | 6510.21                               | -3.70         |
|            |         |           |             | 12/13/2016 | 5460              | 6504.51                               | 6510.78                               | -6.27         |
|            |         |           |             | 12/6/2017  | 5818              | 6503.31                               | 6509.82                               | -6.51         |
|            |         |           |             | 12/27/2018 | 6204              | 6505.97                               | 6508.98                               | -3.01         |
| I          | 490,954 | 1,539,319 | 1           | 12/18/2019 | 6560              | 6504.05                               | 6507.14                               | -3.09         |
|            |         |           |             | 6/19/2002  | 170               | 6533.96                               | 6532.15                               | 1.81          |
|            |         |           |             | 6/26/2003  | 542               | 6534.63                               | 6532.23                               | 2.40          |
|            |         |           |             | 5/26/2004  | 877               | 6534.80                               | 6532.68                               | 2.12          |
|            |         |           |             | 11/8/2005  | 1408              | 6534.84                               | 6533.18                               | 1.66          |
|            |         |           |             | 6/27/2006  | 1639              | 6534.77                               | 6533.34                               | 1.43          |
|            |         |           |             | 6/27/2007  | 2003              | 6531.40                               | 6533.18                               | -1.78         |
|            |         |           |             | 6/17/2008  | 2360              | 6530.95                               | 6532.45                               | -1.50         |
|            |         |           |             | 6/23/2009  | 2731              | 6532.21                               | 6532.15                               | 0.06          |
|            |         |           |             | 9/21/2010  | 3185              | 6531.76                               | 6532.41                               | -0.65         |
|            |         |           |             | 11/8/2011  | 3599              | 6534.38                               | 6533.16                               | 1.22          |
|            |         |           |             | 10/21/2012 | 3946              | 6533.77                               | 6533.87                               | -0.10         |
|            |         |           |             | 2/16/2018  | 5890              | 6532.23                               | 6534.29                               | -2.06         |
|            |         |           |             | 4/5/2018   | 5938              | 6532.14                               | 6534.15                               | -2.01         |
|            |         |           |             | 6/14/2018  | 6008              | 6531.00                               | 6533.96                               | -2.96         |
|            |         |           |             | 6/20/2018  | 6015              | 6530.96                               | 6533.95                               | -2.99         |
| 9/28/2018  | 6114    | 6530.10   | 6533.70     | -3.60      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6529.45   | 6531.92     | -2.47      |                   |                                       |                                       |               |
|            |         |           |             | 5/14/2013  | 4151              | 6541.21                               | 6543.78                               | -2.57         |
|            |         |           |             | 1/28/2014  | 4411              | 6540.41                               | 6543.99                               | -3.58         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| K10       | 491,638 | 1,541,305 | 1           | 1/7/2017   | 5486              | 6539.03                               | 6541.56                               | -2.53         |
|           |         |           |             | 4/1/2017   | 5570              | 6541.21                               | 6541.35                               | -0.14         |
|           |         |           |             | 11/8/2017  | 5790              | 6538.91                               | 6539.82                               | -0.91         |
|           |         |           |             | 2/9/2018   | 5883              | 6530.38                               | 6539.09                               | -8.71         |
|           |         |           |             | 7/19/2018  | 6043              | 6539.37                               | 6538.27                               | 1.10          |
|           |         |           |             | 7/10/2019  | 6399              | 6537.34                               | 6537.62                               | -0.28         |
|           |         |           |             | 11/6/2019  | 6518              | 6537.93                               | 6537.18                               | 0.75          |
| K11       | 491,490 | 1,541,325 | 1           | 5/14/2013  | 4151              | 6539.43                               | 6543.31                               | -3.88         |
|           |         |           |             | 1/28/2014  | 4411              | 6534.89                               | 6543.57                               | -8.68         |
|           |         |           |             | 4/3/2015   | 4840              | 6521.28                               | 6543.90                               | -22.62        |
|           |         |           |             | 6/12/2015  | 4910              | 6531.87                               | 6544.20                               | -12.33        |
|           |         |           |             | 1/19/2016  | 5131              | 6536.21                               | 6544.49                               | -8.28         |
|           |         |           |             | 1/7/2017   | 5486              | 6537.62                               | 6541.24                               | -3.62         |
|           |         |           |             | 4/1/2017   | 5570              | 6541.02                               | 6540.92                               | 0.10          |
|           |         |           |             | 11/8/2017  | 5791              | 6518.32                               | 6539.33                               | -21.01        |
|           |         |           |             | 2/9/2018   | 5883              | 6527.27                               | 6538.59                               | -11.32        |
|           |         |           |             | 7/19/2018  | 6043              | 6522.49                               | 6537.72                               | -15.23        |
|           |         |           |             | 7/10/2019  | 6400              | 6536.43                               | 6536.79                               | -0.36         |
| K4        | 492,371 | 1,541,211 | 1           | 5/14/2013  | 4151              | 6533.14                               | 6547.35                               | -14.21        |
|           |         |           |             | 1/28/2014  | 4411              | 6545.95                               | 6547.08                               | -1.13         |
|           |         |           |             | 4/3/2015   | 4840              | 6526.24                               | 6547.01                               | -20.77        |
|           |         |           |             | 6/12/2015  | 4910              | 6526.71                               | 6547.15                               | -20.44        |
|           |         |           |             | 1/21/2016  | 5134              | 6543.90                               | 6547.16                               | -3.26         |
|           |         |           |             | 1/7/2017   | 5486              | 6538.89                               | 6545.26                               | -6.37         |
|           |         |           |             | 4/1/2017   | 5570              | 6535.72                               | 6545.08                               | -9.36         |
|           |         |           |             | 11/7/2017  | 5790              | 6532.25                               | 6543.80                               | -11.55        |
|           |         |           |             | 2/9/2018   | 5883              | 6542.52                               | 6543.29                               | -0.77         |
|           |         |           |             | 3/2/2018   | 5904              | 6533.86                               | 6543.25                               | -9.39         |
|           |         |           |             | 7/19/2018  | 6043              | 6544.53                               | 6542.93                               | 1.60          |
| 7/10/2019 | 6399    | 6521.06   | 6542.04     | -20.98     |                   |                                       |                                       |               |
|           |         |           |             | 2/1/2007   | 1858              | 6538.83                               | 6548.71                               | -9.88         |
|           |         |           |             | 4/12/2007  | 1927              | 6538.13                               | 6548.69                               | -10.56        |
|           |         |           |             | 8/30/2007  | 2067              | 6539.05                               | 6548.54                               | -9.49         |
|           |         |           |             | 10/16/2007 | 2114              | 6540.00                               | 6548.47                               | -8.47         |
|           |         |           |             | 1/15/2008  | 2205              | 6540.03                               | 6548.30                               | -8.27         |
|           |         |           |             | 4/22/2008  | 2304              | 6538.10                               | 6548.10                               | -10.00        |
|           |         |           |             | 7/16/2008  | 2388              | 6537.62                               | 6547.97                               | -10.35        |
|           |         |           |             | 10/23/2008 | 2487              | 6533.83                               | 6547.84                               | -14.01        |
|           |         |           |             | 1/20/2009  | 2577              | 6533.67                               | 6547.76                               | -14.09        |
|           |         |           |             | 4/23/2009  | 2669              | 6538.38                               | 6547.71                               | -9.33         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| K5        | 491,935 | 1,541,269 | 1           | 8/19/2009  | 2788              | 6538.04                               | 6547.68                               | -9.64         |
|           |         |           |             | 10/7/2009  | 2836              | 6546.14                               | 6547.67                               | -1.53         |
|           |         |           |             | 2/24/2010  | 2976              | 6530.18                               | 6547.68                               | -17.50        |
|           |         |           |             | 6/24/2010  | 3097              | 6533.60                               | 6547.57                               | -13.97        |
|           |         |           |             | 5/14/2013  | 4151              | 6539.21                               | 6544.34                               | -5.13         |
|           |         |           |             | 11/1/2013  | 4323              | 6540.80                               | 6544.46                               | -3.66         |
|           |         |           |             | 1/28/2014  | 4411              | 6538.75                               | 6544.33                               | -5.58         |
|           |         |           |             | 9/18/2014  | 4643              | 6533.85                               | 6543.97                               | -10.12        |
|           |         |           |             | 4/3/2015   | 4840              | 6532.26                               | 6544.63                               | -12.37        |
|           |         |           |             | 6/12/2015  | 4910              | 6533.63                               | 6544.88                               | -11.25        |
|           |         |           |             | 1/19/2016  | 5131              | 6534.24                               | 6544.77                               | -10.53        |
|           |         |           |             | 7/19/2016  | 5314              | 6533.05                               | 6542.95                               | -9.90         |
|           |         |           |             | 1/7/2017   | 5486              | 6541.95                               | 6541.95                               | 0.00          |
|           |         |           |             | 4/1/2017   | 5570              | 6546.69                               | 6541.95                               | 4.74          |
|           |         |           |             | 11/8/2017  | 5790              | 6527.88                               | 6540.50                               | -12.62        |
|           |         |           |             | 2/9/2018   | 5883              | 6537.24                               | 6539.74                               | -2.50         |
|           |         |           |             | 7/19/2018  | 6043              | 6531.66                               | 6539.05                               | -7.39         |
| 7/10/2019 | 6399    | 6519.23   | 6538.87     | -19.64     |                   |                                       |                                       |               |
| K7        | 492,237 | 1,541,232 | 1           | 5/14/2013  | 4151              | 6542.42                               | 6546.30                               | -3.88         |
|           |         |           |             | 1/7/2017   | 5486              | 6541.83                               | 6544.07                               | -2.24         |
|           |         |           |             | 4/1/2017   | 5570              | 6541.59                               | 6543.99                               | -2.40         |
|           |         |           |             | 2/9/2018   | 5883              | 6538.82                               | 6542.05                               | -3.23         |
|           |         |           |             | 7/12/2019  | 6402              | 6538.85                               | 6540.91                               | -2.06         |
| K8        | 492,081 | 1,541,250 | 1           | 1/28/2005  | 1124              | 6544.38                               | 6548.69                               | -4.31         |
|           |         |           |             | 4/20/2005  | 1206              | 6544.59                               | 6548.40                               | -3.81         |
|           |         |           |             | 1/24/2006  | 1485              | 6544.19                               | 6547.69                               | -3.50         |
|           |         |           |             | 4/11/2006  | 1561              | 6543.85                               | 6548.00                               | -4.15         |
|           |         |           |             | 9/30/2006  | 1734              | 6543.79                               | 6548.78                               | -4.99         |
|           |         |           |             | 2/1/2007   | 1857              | 6540.49                               | 6549.46                               | -8.97         |
|           |         |           |             | 4/12/2007  | 1927              | 6539.71                               | 6549.44                               | -9.73         |
|           |         |           |             | 8/30/2007  | 2067              | 6540.69                               | 6549.31                               | -8.62         |
|           |         |           |             | 10/16/2007 | 2114              | 6542.06                               | 6549.25                               | -7.19         |
|           |         |           |             | 1/15/2008  | 2205              | 6542.09                               | 6549.07                               | -6.98         |
|           |         |           |             | 4/22/2008  | 2304              | 6542.25                               | 6548.83                               | -6.58         |
|           |         |           |             | 7/16/2008  | 2388              | 6541.39                               | 6548.69                               | -7.30         |
|           |         |           |             | 10/23/2008 | 2487              | 6540.16                               | 6548.56                               | -8.40         |
|           |         |           |             | 1/20/2009  | 2577              | 6540.11                               | 6548.48                               | -8.37         |
|           |         |           |             | 4/23/2009  | 2669              | 6541.81                               | 6548.43                               | -6.62         |
| 8/19/2009 | 2788    | 6541.89   | 6548.40     | -6.51      |                   |                                       |                                       |               |
| 10/7/2009 | 2836    | 6540.27   | 6548.39     | -8.12      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 2/24/2010  | 2976              | 6537.01                               | 6548.38                               | -11.37        |
|            |         |           |             | 6/24/2010  | 3097              | 6539.46                               | 6548.26                               | -8.80         |
|            |         |           |             | 5/14/2013  | 4151              | 6539.85                               | 6545.27                               | -5.42         |
|            |         |           |             | 11/1/2013  | 4323              | 6540.69                               | 6545.30                               | -4.61         |
|            |         |           |             | 1/28/2014  | 4411              | 6538.04                               | 6545.18                               | -7.14         |
|            |         |           |             | 4/3/2015   | 4840              | 6540.88                               | 6545.34                               | -4.46         |
|            |         |           |             | 1/7/2017   | 5486              | 6541.27                               | 6542.93                               | -1.66         |
|            |         |           |             | 4/1/2017   | 5570              | 6539.79                               | 6542.92                               | -3.13         |
|            |         |           |             | 2/9/2018   | 5883              | 6520.73                               | 6540.84                               | -20.11        |
|            |         |           |             | 7/19/2018  | 6043              | 6540.05                               | 6540.25                               | -0.20         |
|            |         |           |             | 7/10/2019  | 6400              | 6538.71                               | 6539.81                               | -1.10         |
|            |         |           |             | 11/6/2019  | 6518              | 6520.52                               | 6539.32                               | -18.80        |
| K9         | 491,787 | 1,541,287 | 1           | 5/14/2013  | 4151              | 6541.23                               | 6544.08                               | -2.85         |
|            |         |           |             | 1/28/2014  | 4411              | 6538.92                               | 6544.19                               | -5.27         |
|            |         |           |             | 4/3/2015   | 4840              | 6533.35                               | 6544.47                               | -11.12        |
|            |         |           |             | 6/12/2015  | 4910              | 6536.10                               | 6544.74                               | -8.64         |
|            |         |           |             | 1/19/2016  | 5131              | 6535.34                               | 6544.81                               | -9.47         |
|            |         |           |             | 7/19/2016  | 5314              | 6536.79                               | 6542.94                               | -6.15         |
|            |         |           |             | 1/7/2017   | 5486              | 6539.47                               | 6541.75                               | -2.28         |
|            |         |           |             | 4/1/2017   | 5570              | 6540.50                               | 6541.65                               | -1.15         |
|            |         |           |             | 11/8/2017  | 5790              | 6536.05                               | 6540.17                               | -4.12         |
|            |         |           |             | 4/5/2018   | 5938              | 6537.69                               | 6539.14                               | -1.45         |
| 11/23/2019 | 6536    | 6536.37   | 6538.17     | -1.80      |                   |                                       |                                       |               |
| KEB        | 491,487 | 1,540,570 | 1           | 2/14/2002  | 45                | 6550.63                               | 6558.73                               | -8.10         |
|            |         |           |             | 5/10/2002  | 130               | 6551.80                               | 6558.73                               | -6.93         |
|            |         |           |             | 8/14/2002  | 225               | 6549.77                               | 6558.74                               | -8.97         |
|            |         |           |             | 11/23/2002 | 327               | 6550.95                               | 6558.74                               | -7.79         |
|            |         |           |             | 3/21/2003  | 445               | 6549.59                               | 6558.59                               | -9.00         |
|            |         |           |             | 2/17/2004  | 778               | 6550.17                               | 6558.16                               | -7.99         |
|            |         |           |             | 7/13/2004  | 925               | 6548.53                               | 6557.53                               | -9.00         |
|            |         |           |             | 2/22/2005  | 1149              | 6546.75                               | 6556.36                               | -9.61         |
|            |         |           |             | 7/9/2005   | 1285              | 6549.92                               | 6555.13                               | -5.21         |
|            |         |           |             | 11/22/2006 | 1786              | 6545.75                               | 6555.21                               | -9.46         |
|            |         |           |             | 2/28/2007  | 1885              | 6543.53                               | 6554.45                               | -10.92        |
|            |         |           |             | 8/30/2007  | 2068              | 6543.49                               | 6553.36                               | -9.87         |
|            |         |           |             | 4/23/2008  | 2305              | 6544.62                               | 6553.07                               | -8.45         |
|            |         |           |             | 7/16/2008  | 2389              | 6543.85                               | 6553.06                               | -9.21         |
|            |         |           |             | 3/17/2009  | 2633              | 6544.23                               | 6552.71                               | -8.48         |
|            |         |           |             | 7/21/2009  | 2759              | 6543.02                               | 6552.55                               | -9.53         |
| 9/21/2010  | 3185    | 6544.75   | 6551.91     | -7.16      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 2/15/2011  | 3333              | 6545.37                               | 6551.93                               | -6.56         |
|           |         |           |             | 7/13/2011  | 3481              | 6546.63                               | 6552.02                               | -5.39         |
|           |         |           |             | 7/14/2012  | 3847              | 6546.51                               | 6552.36                               | -5.85         |
|           |         |           |             | 2/28/2013  | 4076              | 6547.07                               | 6552.48                               | -5.41         |
|           |         |           |             | 7/22/2015  | 4950              | 6546.88                               | 6552.01                               | -5.13         |
|           |         |           |             | 3/23/2018  | 5925              | 6540.81                               | 6547.66                               | -6.85         |
|           |         |           |             | 3/27/2019  | 6294              | 6538.64                               | 6545.43                               | -6.79         |
| KF        | 491,169 | 1,540,870 | 1           | 1/3/2002   | 2                 | 6539.47                               | 6550.31                               | -10.84        |
|           |         |           |             | 1/8/2002   | 8                 | 6539.70                               | 6550.31                               | -10.61        |
|           |         |           |             | 1/15/2002  | 15                | 6539.91                               | 6550.31                               | -10.40        |
|           |         |           |             | 1/22/2002  | 21                | 6539.71                               | 6550.31                               | -10.60        |
|           |         |           |             | 1/29/2002  | 28                | 6540.31                               | 6550.31                               | -10.00        |
|           |         |           |             | 2/5/2002   | 35                | 6540.56                               | 6550.31                               | -9.75         |
|           |         |           |             | 2/17/2004  | 778               | 6544.35                               | 6550.99                               | -6.64         |
|           |         |           |             | 7/14/2004  | 926               | 6543.21                               | 6551.04                               | -7.83         |
|           |         |           |             | 2/24/2005  | 1150              | 6541.97                               | 6550.80                               | -8.83         |
|           |         |           |             | 7/9/2005   | 1285              | 6544.69                               | 6549.86                               | -5.17         |
|           |         |           |             | 11/22/2006 | 1786              | 6541.66                               | 6550.54                               | -8.88         |
|           |         |           |             | 2/28/2007  | 1885              | 6539.46                               | 6550.28                               | -10.82        |
|           |         |           |             | 8/30/2007  | 2068              | 6539.50                               | 6549.36                               | -9.86         |
|           |         |           |             | 4/23/2008  | 2305              | 6540.27                               | 6548.82                               | -8.55         |
|           |         |           |             | 7/17/2008  | 2390              | 6539.25                               | 6548.75                               | -9.50         |
|           |         |           |             | 3/17/2009  | 2633              | 6540.35                               | 6548.53                               | -8.18         |
|           |         |           |             | 7/21/2009  | 2759              | 6539.52                               | 6548.50                               | -8.98         |
|           |         |           |             | 9/21/2010  | 3186              | 6540.41                               | 6548.13                               | -7.72         |
|           |         |           |             | 2/22/2011  | 3340              | 6541.43                               | 6548.05                               | -6.62         |
|           |         |           |             | 7/13/2011  | 3481              | 6541.89                               | 6548.01                               | -6.12         |
|           |         |           |             | 11/15/2012 | 3972              | 6542.03                               | 6548.10                               | -6.07         |
|           |         |           |             | 2/28/2013  | 4076              | 6542.55                               | 6548.13                               | -5.58         |
|           |         |           |             | 7/22/2015  | 4950              | 6542.15                               | 6548.30                               | -6.15         |
| 3/29/2017 | 5566    | 6537.56   | 6546.04     | -8.48      |                   |                                       |                                       |               |
| 2/13/2018 | 5888    | 6537.88   | 6543.75     | -5.87      |                   |                                       |                                       |               |
| 3/27/2019 | 6294    | 6536.02   | 6541.68     | -5.66      |                   |                                       |                                       |               |
|           |         |           |             | 1/31/2002  | 30                | 6540.38                               | 6546.62                               | -6.24         |
|           |         |           |             | 4/6/2002   | 95                | 6543.50                               | 6546.63                               | -3.12         |
|           |         |           |             | 6/15/2002  | 165               | 6542.75                               | 6546.63                               | -3.88         |
|           |         |           |             | 8/17/2002  | 229               | 6542.49                               | 6546.64                               | -4.15         |
|           |         |           |             | 10/26/2002 | 298               | 6542.53                               | 6546.64                               | -4.11         |
|           |         |           |             | 1/3/2003   | 368               | 6543.17                               | 6546.64                               | -3.47         |
|           |         |           |             | 3/12/2003  | 435               | 6542.75                               | 6546.76                               | -4.02         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 5/17/2003  | 501               | 6542.62                               | 6546.94                               | -4.32         |
|         |         |          |             | 7/25/2003  | 571               | 6543.86                               | 6547.11                               | -3.25         |
|         |         |          |             | 10/4/2003  | 641               | 6544.46                               | 6547.27                               | -2.81         |
|         |         |          |             | 12/12/2003 | 711               | 6543.98                               | 6547.43                               | -3.45         |
|         |         |          |             | 2/17/2004  | 777               | 6543.69                               | 6547.58                               | -3.90         |
|         |         |          |             | 4/23/2004  | 844               | 6543.09                               | 6547.85                               | -4.76         |
|         |         |          |             | 7/1/2004   | 912               | 6543.09                               | 6548.11                               | -5.02         |
|         |         |          |             | 9/4/2004   | 977               | 6542.35                               | 6548.35                               | -6.00         |
|         |         |          |             | 11/7/2004  | 1041              | 6542.08                               | 6548.58                               | -6.49         |
|         |         |          |             | 1/15/2005  | 1110              | 6541.92                               | 6548.65                               | -6.73         |
|         |         |          |             | 3/19/2005  | 1173              | 6542.40                               | 6548.23                               | -5.83         |
|         |         |          |             | 5/27/2005  | 1243              | 6543.70                               | 6547.80                               | -4.10         |
|         |         |          |             | 7/31/2005  | 1307              | 6544.67                               | 6547.61                               | -2.94         |
|         |         |          |             | 10/8/2005  | 1376              | 6544.30                               | 6547.44                               | -3.14         |
|         |         |          |             | 12/17/2005 | 1446              | 6543.65                               | 6547.32                               | -3.67         |
|         |         |          |             | 2/25/2006  | 1516              | 6543.38                               | 6547.59                               | -4.21         |
|         |         |          |             | 5/6/2006   | 1586              | 6543.18                               | 6547.96                               | -4.78         |
|         |         |          |             | 7/15/2006  | 1656              | 6542.97                               | 6548.34                               | -5.37         |
|         |         |          |             | 9/22/2006  | 1726              | 6542.73                               | 6548.66                               | -5.93         |
|         |         |          |             | 11/28/2006 | 1792              | 6541.83                               | 6548.95                               | -7.12         |
|         |         |          |             | 2/2/2007   | 1858              | 6539.78                               | 6548.92                               | -9.14         |
|         |         |          |             | 4/6/2007   | 1922              | 6539.47                               | 6548.63                               | -9.16         |
|         |         |          |             | 6/16/2007  | 1992              | 6539.54                               | 6548.32                               | -8.79         |
|         |         |          |             | 8/22/2007  | 2059              | 6539.76                               | 6548.10                               | -8.33         |
|         |         |          |             | 10/26/2007 | 2125              | 6539.83                               | 6547.88                               | -8.05         |
|         |         |          |             | 1/5/2008   | 2195              | 6539.82                               | 6547.68                               | -7.86         |
|         |         |          |             | 3/14/2008  | 2265              | 6540.22                               | 6547.59                               | -7.36         |
|         |         |          |             | 5/17/2008  | 2329              | 6540.11                               | 6547.51                               | -7.40         |
|         |         |          |             | 7/21/2008  | 2394              | 6539.29                               | 6547.42                               | -8.14         |
|         |         |          |             | 9/27/2008  | 2461              | 6538.70                               | 6547.34                               | -8.64         |
|         |         |          |             | 12/5/2008  | 2531              | 6539.13                               | 6547.24                               | -8.12         |
|         |         |          |             | 2/13/2009  | 2601              | 6540.41                               | 6547.19                               | -6.78         |
|         |         |          |             | 4/17/2009  | 2664              | 6540.51                               | 6547.18                               | -6.67         |
|         |         |          |             | 6/26/2009  | 2733              | 6540.14                               | 6547.18                               | -7.05         |
|         |         |          |             | 8/29/2009  | 2797              | 6539.36                               | 6547.19                               | -7.83         |
|         |         |          |             | 11/6/2009  | 2867              | 6537.57                               | 6547.21                               | -9.64         |
|         |         |          |             | 1/15/2010  | 2937              | 6537.53                               | 6547.18                               | -9.65         |
|         |         |          |             | 3/27/2010  | 3007              | 6539.53                               | 6547.06                               | -7.53         |
|         |         |          |             | 6/5/2010   | 3077              | 6539.92                               | 6546.97                               | -7.05         |
|         |         |          |             | 8/14/2010  | 3147              | 6540.41                               | 6546.88                               | -6.47         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 10/16/2010 | 3211              | 6540.59                               | 6546.83                               | -6.24         |
|         |         |          |             | 12/25/2010 | 3280              | 6541.09                               | 6546.76                               | -5.67         |
|         |         |          |             | 2/28/2011  | 3346              | 6541.91                               | 6546.70                               | -4.79         |
|         |         |          |             | 5/7/2011   | 3413              | 6541.79                               | 6546.60                               | -4.81         |
|         |         |          |             | 7/12/2011  | 3480              | 6541.77                               | 6546.51                               | -4.74         |
|         |         |          |             | 9/17/2011  | 3546              | 6541.85                               | 6546.44                               | -4.59         |
|         |         |          |             | 11/26/2011 | 3616              | 6542.45                               | 6546.37                               | -3.92         |
|         |         |          |             | 2/4/2012   | 3686              | 6542.78                               | 6546.34                               | -3.56         |
|         |         |          |             | 4/13/2012  | 3756              | 6543.12                               | 6546.31                               | -3.19         |
|         |         |          |             | 6/22/2012  | 3825              | 6542.82                               | 6546.29                               | -3.47         |
|         |         |          |             | 8/25/2012  | 3889              | 6542.58                               | 6546.27                               | -3.70         |
|         |         |          |             | 11/2/2012  | 3959              | 6542.51                               | 6546.26                               | -3.75         |
|         |         |          |             | 1/12/2013  | 4029              | 6542.66                               | 6546.25                               | -3.60         |
|         |         |          |             | 3/17/2013  | 4094              | 6543.09                               | 6546.26                               | -3.17         |
|         |         |          |             | 5/24/2013  | 4162              | 6543.12                               | 6546.27                               | -3.15         |
|         |         |          |             | 9/5/2013   | 4266              | 6543.21                               | 6546.35                               | -3.14         |
|         |         |          |             | 1/31/2014  | 4414              | 6542.00                               | 6546.46                               | -4.46         |
|         |         |          |             | 4/11/2014  | 4484              | 6541.95                               | 6546.38                               | -4.43         |
|         |         |          |             | 6/20/2014  | 4554              | 6541.54                               | 6546.29                               | -4.75         |
|         |         |          |             | 9/5/2014   | 4631              | 6540.96                               | 6546.26                               | -5.30         |
|         |         |          |             | 11/21/2014 | 4708              | 6539.69                               | 6546.26                               | -6.57         |
|         |         |          |             | 1/30/2015  | 4778              | 6539.84                               | 6546.29                               | -6.45         |
|         |         |          |             | 4/10/2015  | 4848              | 6541.39                               | 6546.48                               | -5.09         |
|         |         |          |             | 6/19/2015  | 4918              | 6542.77                               | 6546.67                               | -3.89         |
|         |         |          |             | 9/5/2015   | 4995              | 6543.60                               | 6546.93                               | -3.33         |
|         |         |          |             | 11/26/2015 | 5077              | 6543.41                               | 6547.20                               | -3.79         |
|         |         |          |             | 2/5/2016   | 5149              | 6542.25                               | 6547.20                               | -4.95         |
|         |         |          |             | 4/22/2016  | 5226              | 6539.98                               | 6546.73                               | -6.75         |
|         |         |          |             | 7/18/2016  | 5312              | 6540.33                               | 6546.13                               | -5.80         |
|         |         |          |             | 2/28/2017  | 5537              | 6538.61                               | 6544.39                               | -5.78         |
|         |         |          |             | 5/5/2017   | 5604              | 6537.79                               | 6543.78                               | -5.99         |
|         |         |          |             | 7/14/2017  | 5674              | 6536.87                               | 6543.23                               | -6.36         |
|         |         |          |             | 9/27/2017  | 5748              | 6536.88                               | 6542.65                               | -5.78         |
|         |         |          |             | 12/1/2017  | 5814              | 6537.08                               | 6542.20                               | -5.12         |
|         |         |          |             | 1/2/2018   | 5845              | 6538.53                               | 6541.98                               | -3.45         |
|         |         |          |             | 1/9/2018   | 5852              | 6537.72                               | 6541.95                               | -4.23         |
|         |         |          |             | 1/16/2018  | 5859              | 6537.08                               | 6541.92                               | -4.84         |
|         |         |          |             | 1/23/2018  | 5866              | 6537.98                               | 6541.89                               | -3.91         |
|         |         |          |             | 1/30/2018  | 5873              | 6537.92                               | 6541.85                               | -3.93         |
|         |         |          |             | 2/6/2018   | 5880              | 6537.52                               | 6541.82                               | -4.30         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date      | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|-----------|-------------------|---------------------------------------|---------------------------------------|---------------|
| KZ         | 491,183 | 1,541,100 | 1           | 2/13/2018 | 5887              | 6537.52                               | 6541.78                               | -4.26         |
|            |         |           |             | 2/13/2018 | 5888              | 6536.76                               | 6541.78                               | -5.02         |
|            |         |           |             | 2/21/2018 | 5895              | 6537.48                               | 6541.75                               | -4.27         |
|            |         |           |             | 2/27/2018 | 5901              | 6537.60                               | 6541.72                               | -4.12         |
|            |         |           |             | 3/6/2018  | 5908              | 6537.21                               | 6541.69                               | -4.48         |
|            |         |           |             | 3/13/2018 | 5915              | 6537.05                               | 6541.66                               | -4.61         |
|            |         |           |             | 3/20/2018 | 5922              | 6537.21                               | 6541.63                               | -4.42         |
|            |         |           |             | 3/27/2018 | 5929              | 6537.27                               | 6541.60                               | -4.33         |
|            |         |           |             | 4/3/2018  | 5936              | 6537.37                               | 6541.57                               | -4.20         |
|            |         |           |             | 4/10/2018 | 5943              | 6537.12                               | 6541.53                               | -4.41         |
|            |         |           |             | 4/17/2018 | 5950              | 6537.27                               | 6541.50                               | -4.23         |
|            |         |           |             | 4/24/2018 | 5957              | 6537.76                               | 6541.47                               | -3.71         |
|            |         |           |             | 5/1/2018  | 5964              | 6537.62                               | 6541.44                               | -3.82         |
|            |         |           |             | 5/8/2018  | 5971              | 6536.41                               | 6541.41                               | -5.00         |
|            |         |           |             | 5/15/2018 | 5978              | 6533.39                               | 6541.38                               | -7.99         |
|            |         |           |             | 5/22/2018 | 5985              | 6532.23                               | 6541.35                               | -9.12         |
|            |         |           |             | 5/29/2018 | 5992              | 6537.57                               | 6541.32                               | -3.75         |
|            |         |           |             | 6/5/2018  | 5999              | 6537.38                               | 6541.29                               | -3.91         |
|            |         |           |             | 6/12/2018 | 6006              | 6537.30                               | 6541.27                               | -3.97         |
|            |         |           |             | 6/19/2018 | 6013              | 6537.68                               | 6541.24                               | -3.56         |
|            |         |           |             | 6/26/2018 | 6020              | 6537.47                               | 6541.21                               | -3.74         |
|            |         |           |             | 7/3/2018  | 6027              | 6536.96                               | 6541.18                               | -4.22         |
|            |         |           |             | 7/10/2018 | 6034              | 6536.87                               | 6541.15                               | -4.28         |
|            |         |           |             | 7/17/2018 | 6041              | 6536.73                               | 6541.12                               | -4.39         |
|            |         |           |             | 7/24/2018 | 6048              | 6536.67                               | 6541.09                               | -4.42         |
|            |         |           |             | 7/31/2018 | 6055              | 6536.61                               | 6541.06                               | -4.45         |
|            |         |           |             | 8/7/2018  | 6062              | 6536.58                               | 6541.03                               | -4.45         |
|            |         |           |             | 8/14/2018 | 6069              | 6527.86                               | 6541.00                               | -13.14        |
|            |         |           |             | 8/21/2018 | 6076              | 6536.85                               | 6540.97                               | -4.12         |
|            |         |           |             | 8/28/2018 | 6083              | 6536.83                               | 6540.94                               | -4.11         |
|            |         |           |             | 9/4/2018  | 6090              | 6536.78                               | 6540.91                               | -4.13         |
|            |         |           |             | 9/11/2018 | 6097              | 6527.96                               | 6540.88                               | -12.92        |
| 9/18/2018  | 6104    | 6536.50   | 6540.85     | -4.35     |                   |                                       |                                       |               |
| 9/25/2018  | 6111    | 6536.92   | 6540.82     | -3.90     |                   |                                       |                                       |               |
| 10/2/2018  | 6118    | 6536.66   | 6540.79     | -4.13     |                   |                                       |                                       |               |
| 10/9/2018  | 6125    | 6536.44   | 6540.76     | -4.32     |                   |                                       |                                       |               |
| 10/16/2018 | 6132    | 6536.77   | 6540.73     | -3.96     |                   |                                       |                                       |               |
| 10/23/2018 | 6139    | 6536.54   | 6540.70     | -4.16     |                   |                                       |                                       |               |
| 10/30/2018 | 6146    | 6536.32   | 6540.67     | -4.35     |                   |                                       |                                       |               |
| 11/6/2018  | 6153    | 6536.38   | 6540.64     | -4.26     |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 11/13/2018 | 6160              | 6536.33                               | 6540.61                               | -4.28         |
|         |         |          |             | 11/20/2018 | 6167              | 6535.35                               | 6540.58                               | -5.23         |
|         |         |          |             | 11/27/2018 | 6174              | 6536.05                               | 6540.55                               | -4.50         |
|         |         |          |             | 12/4/2018  | 6181              | 6536.11                               | 6540.52                               | -4.41         |
|         |         |          |             | 12/11/2018 | 6188              | 6536.04                               | 6540.49                               | -4.45         |
|         |         |          |             | 12/18/2018 | 6195              | 6535.90                               | 6540.46                               | -4.56         |
|         |         |          |             | 12/20/2018 | 6197              | 6534.52                               | 6540.46                               | -5.94         |
|         |         |          |             | 1/8/2019   | 6216              | 6535.96                               | 6540.32                               | -4.36         |
|         |         |          |             | 1/15/2019  | 6223              | 6535.89                               | 6540.26                               | -4.37         |
|         |         |          |             | 1/22/2019  | 6230              | 6536.01                               | 6540.20                               | -4.19         |
|         |         |          |             | 1/29/2019  | 6237              | 6536.32                               | 6540.14                               | -3.82         |
|         |         |          |             | 2/5/2019   | 6244              | 6536.19                               | 6540.08                               | -3.89         |
|         |         |          |             | 2/12/2019  | 6251              | 6536.21                               | 6540.03                               | -3.82         |
|         |         |          |             | 2/20/2019  | 6259              | 6536.21                               | 6539.96                               | -3.75         |
|         |         |          |             | 2/26/2019  | 6265              | 6536.52                               | 6539.91                               | -3.39         |
|         |         |          |             | 3/5/2019   | 6272              | 6536.23                               | 6539.86                               | -3.63         |
|         |         |          |             | 3/12/2019  | 6279              | 6536.38                               | 6539.80                               | -3.42         |
|         |         |          |             | 3/19/2019  | 6286              | 6536.44                               | 6539.75                               | -3.31         |
|         |         |          |             | 3/26/2019  | 6293              | 6536.77                               | 6539.70                               | -2.93         |
|         |         |          |             | 3/27/2019  | 6294              | 6536.47                               | 6539.69                               | -3.22         |
|         |         |          |             | 4/2/2019   | 6300              | 6536.37                               | 6539.65                               | -3.28         |
|         |         |          |             | 4/9/2019   | 6307              | 6536.28                               | 6539.60                               | -3.32         |
|         |         |          |             | 4/16/2019  | 6314              | 6536.23                               | 6539.54                               | -3.31         |
|         |         |          |             | 4/23/2019  | 6321              | 6536.32                               | 6539.49                               | -3.17         |
|         |         |          |             | 4/30/2019  | 6328              | 6536.46                               | 6539.44                               | -2.98         |
|         |         |          |             | 5/7/2019   | 6335              | 6536.37                               | 6539.39                               | -3.02         |
|         |         |          |             | 5/14/2019  | 6342              | 6536.32                               | 6539.35                               | -3.03         |
|         |         |          |             | 5/21/2019  | 6349              | 6536.27                               | 6539.31                               | -3.04         |
|         |         |          |             | 5/29/2019  | 6357              | 6536.27                               | 6539.26                               | -2.99         |
|         |         |          |             | 6/4/2019   | 6363              | 6536.27                               | 6539.23                               | -2.96         |
|         |         |          |             | 6/11/2019  | 6370              | 6536.37                               | 6539.19                               | -2.82         |
|         |         |          |             | 7/2/2019   | 6391              | 6536.32                               | 6539.07                               | -2.75         |
|         |         |          |             | 7/9/2019   | 6398              | 6536.28                               | 6539.03                               | -2.75         |
|         |         |          |             | 7/16/2019  | 6405              | 6532.52                               | 6538.99                               | -6.47         |
|         |         |          |             | 7/23/2019  | 6412              | 6536.12                               | 6538.95                               | -2.83         |
|         |         |          |             | 7/30/2019  | 6419              | 6535.97                               | 6538.91                               | -2.94         |
|         |         |          |             | 8/6/2019   | 6426              | 6536.06                               | 6538.87                               | -2.81         |
|         |         |          |             | 8/13/2019  | 6433              | 6536.02                               | 6538.83                               | -2.81         |
|         |         |          |             | 8/20/2019  | 6440              | 6536.09                               | 6538.79                               | -2.70         |
|         |         |          |             | 8/27/2019  | 6447              | 6533.99                               | 6538.75                               | -4.76         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 9/3/2019   | 6454              | 6536.15                               | 6538.71                               | -2.56         |
|            |         |           |             | 9/10/2019  | 6461              | 6534.04                               | 6538.67                               | -4.63         |
|            |         |           |             | 9/17/2019  | 6468              | 6536.17                               | 6538.63                               | -2.46         |
|            |         |           |             | 9/24/2019  | 6475              | 6536.02                               | 6538.60                               | -2.58         |
|            |         |           |             | 10/1/2019  | 6482              | 6536.03                               | 6538.57                               | -2.54         |
|            |         |           |             | 10/8/2019  | 6489              | 6536.11                               | 6538.54                               | -2.43         |
|            |         |           |             | 10/15/2019 | 6496              | 6535.75                               | 6538.51                               | -2.76         |
|            |         |           |             | 10/22/2019 | 6503              | 6535.84                               | 6538.47                               | -2.63         |
|            |         |           |             | 10/29/2019 | 6510              | 6535.81                               | 6538.44                               | -2.63         |
|            |         |           |             | 11/5/2019  | 6517              | 6535.79                               | 6538.41                               | -2.62         |
|            |         |           |             | 11/12/2019 | 6524              | 6535.77                               | 6538.38                               | -2.61         |
|            |         |           |             | 11/19/2019 | 6531              | 6535.74                               | 6538.35                               | -2.61         |
|            |         |           |             | 11/26/2019 | 6538              | 6535.74                               | 6538.31                               | -2.57         |
|            |         |           |             | 12/3/2019  | 6545              | 6535.66                               | 6538.28                               | -2.62         |
|            |         |           |             | 12/10/2019 | 6552              | 6535.71                               | 6538.25                               | -2.54         |
|            |         |           |             | 12/17/2019 | 6559              | 6535.62                               | 6538.22                               | -2.60         |
|            |         |           |             | 12/24/2019 | 6566              | 6535.62                               | 6538.18                               | -2.56         |
| 12/31/2019 | 6573    | 6535.57   | 6538.15     | -2.58      |                   |                                       |                                       |               |
| L          | 492,150 | 1,538,970 | 1           | 5/14/2013  | 4151              | 6516.57                               | 6535.19                               | -18.62        |
|            |         |           |             | 4/3/2015   | 4840              | 6516.64                               | 6535.98                               | -19.34        |
|            |         |           |             | 10/27/2016 | 5414              | 6517.21                               | 6539.04                               | -21.83        |
|            |         |           |             | 1/7/2017   | 5486              | 6516.84                               | 6538.48                               | -21.64        |
|            |         |           |             | 5/2/2017   | 5600              | 6517.05                               | 6537.26                               | -20.21        |
|            |         |           |             | 10/24/2017 | 5775              | 6516.83                               | 6536.38                               | -19.55        |
|            |         |           |             | 4/5/2018   | 5939              | 6518.88                               | 6535.77                               | -16.89        |
| L10        | 492,310 | 1,539,250 | 1           | 1/15/2013  | 4033              | 6535.67                               | 6537.33                               | -1.66         |
|            |         |           |             | 5/14/2013  | 4151              | 6535.13                               | 6536.90                               | -1.77         |
|            |         |           |             | 5/30/2014  | 4532              | 6533.08                               | 6536.59                               | -3.51         |
|            |         |           |             | 4/3/2015   | 4840              | 6532.12                               | 6537.36                               | -5.24         |
|            |         |           |             | 1/20/2016  | 5132              | 6532.98                               | 6539.19                               | -6.21         |
|            |         |           |             | 4/13/2016  | 5216              | 6531.69                               | 6540.17                               | -8.48         |
|            |         |           |             | 10/27/2016 | 5414              | 6530.80                               | 6541.15                               | -10.35        |
|            |         |           |             | 1/7/2017   | 5486              | 6529.60                               | 6541.07                               | -11.47        |
|            |         |           |             | 10/24/2017 | 5775              | 6529.61                               | 6538.75                               | -9.14         |
|            |         |           |             | 2/16/2018  | 5890              | 6529.52                               | 6538.56                               | -9.04         |
|            |         |           |             | 4/6/2018   | 5939              | 6528.15                               | 6538.41                               | -10.26        |
|            |         |           |             | 1/15/2013  | 4033              | 6542.89                               | 6542.62                               | 0.27          |
|            |         |           |             | 5/14/2013  | 4151              | 6525.17                               | 6541.95                               | -16.78        |
|            |         |           |             | 5/30/2014  | 4532              | 6555.77                               | 6541.20                               | 14.57         |
|            |         |           |             | 4/3/2015   | 4840              | 6512.97                               | 6541.80                               | -28.83        |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| L5         | 492,730 | 1,539,946 | 1           | 11/19/2015 | 5070              | 6539.49                               | 6542.55                               | -3.06         |
|            |         |           |             | 1/20/2016  | 5132              | 6539.87                               | 6543.58                               | -3.71         |
|            |         |           |             | 4/13/2016  | 5216              | 6539.24                               | 6544.57                               | -5.33         |
|            |         |           |             | 1/7/2017   | 5486              | 6518.91                               | 6545.08                               | -26.17        |
|            |         |           |             | 5/2/2017   | 5601              | 6526.32                               | 6543.51                               | -17.19        |
|            |         |           |             | 10/24/2017 | 5775              | 6523.22                               | 6542.23                               | -19.01        |
|            |         |           |             | 4/26/2018  | 5959              | 6520.96                               | 6541.15                               | -20.19        |
|            |         |           |             | 4/4/2019   | 6302              | 6531.58                               | 6540.94                               | -9.36         |
|            |         |           |             | 11/23/2019 | 6536              | 6528.98                               | 6540.06                               | -11.08        |
| L6         | 493,110 | 1,540,526 | 1           | 11/12/2002 | 315               | 6550.16                               | 6549.02                               | 1.14          |
|            |         |           |             | 11/19/2003 | 688               | 6551.18                               | 6548.87                               | 2.31          |
|            |         |           |             | 1/9/2004   | 738               | 6550.53                               | 6548.86                               | 1.67          |
|            |         |           |             | 5/6/2004   | 857               | 6550.06                               | 6548.69                               | 1.37          |
|            |         |           |             | 7/13/2004  | 925               | 6549.64                               | 6548.59                               | 1.05          |
|            |         |           |             | 10/15/2004 | 1019              | 6549.18                               | 6548.47                               | 0.71          |
|            |         |           |             | 4/12/2005  | 1198              | 6548.34                               | 6548.19                               | 0.15          |
|            |         |           |             | 7/9/2005   | 1285              | 6549.05                               | 6548.03                               | 1.02          |
|            |         |           |             | 4/7/2006   | 1558              | 6548.24                               | 6547.68                               | 0.56          |
|            |         |           |             | 8/19/2006  | 1691              | 6547.21                               | 6547.60                               | -0.39         |
|            |         |           |             | 10/11/2006 | 1744              | 6546.84                               | 6547.61                               | -0.77         |
|            |         |           |             | 1/30/2007  | 1855              | 6545.95                               | 6547.63                               | -1.68         |
|            |         |           |             | 4/12/2007  | 1928              | 6546.12                               | 6547.61                               | -1.49         |
|            |         |           |             | 10/16/2007 | 2114              | 6545.06                               | 6547.53                               | -2.47         |
|            |         |           |             | 1/15/2008  | 2205              | 6545.42                               | 6547.48                               | -2.06         |
|            |         |           |             | 4/10/2008  | 2292              | 6546.05                               | 6547.42                               | -1.37         |
|            |         |           |             | 7/15/2008  | 2388              | 6546.39                               | 6547.35                               | -0.96         |
|            |         |           |             | 10/23/2008 | 2487              | 6545.04                               | 6547.28                               | -2.24         |
|            |         |           |             | 1/21/2009  | 2577              | 6544.94                               | 6547.22                               | -2.28         |
|            |         |           |             | 4/29/2009  | 2675              | 6545.10                               | 6547.15                               | -2.05         |
|            |         |           |             | 7/15/2009  | 2752              | 6544.84                               | 6547.10                               | -2.26         |
|            |         |           |             | 10/7/2009  | 2836              | 6544.23                               | 6547.05                               | -2.82         |
|            |         |           |             | 1/16/2010  | 2938              | 6543.28                               | 6547.01                               | -3.73         |
|            |         |           |             | 1/12/2011  | 3299              | 6544.83                               | 6546.95                               | -2.12         |
|            |         |           |             | 7/12/2011  | 3480              | 6546.30                               | 6547.10                               | -0.80         |
|            |         |           |             | 4/17/2012  | 3759              | 6544.44                               | 6547.27                               | -2.83         |
|            |         |           |             | 1/15/2013  | 4033              | 6546.22                               | 6547.25                               | -1.03         |
| 5/14/2013  | 4151    | 6546.60   | 6546.98     | -0.38      |                   |                                       |                                       |               |
| 5/30/2014  | 4533    | 6546.14   | 6546.35     | -0.21      |                   |                                       |                                       |               |
| 12/24/2014 | 4740    | 6545.73   | 6546.15     | -0.42      |                   |                                       |                                       |               |
| 4/3/2015   | 4840    | 6546.41   | 6546.16     | 0.25       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 10/17/2015 | 5037              | 6548.49                               | 6546.33                               | 2.16          |
|            |         |           |             | 4/13/2016  | 5216              | 6546.20                               | 6546.62                               | -0.42         |
|            |         |           |             | 10/27/2016 | 5414              | 6544.59                               | 6546.90                               | -2.31         |
|            |         |           |             | 5/2/2017   | 5601              | 6542.97                               | 6546.61                               | -3.64         |
|            |         |           |             | 4/6/2018   | 5939              | 6543.89                               | 6545.25                               | -1.36         |
|            |         |           |             | 4/11/2019  | 6309              | 6541.90                               | 6544.40                               | -2.50         |
|            |         |           |             | 10/22/2019 | 6503              | 6541.37                               | 6543.74                               | -2.37         |
| L7         | 492,842 | 1,540,113 | 1           | 5/14/2013  | 4151              | 6531.21                               | 6542.81                               | -11.60        |
|            |         |           |             | 5/30/2014  | 4532              | 6530.63                               | 6542.05                               | -11.42        |
|            |         |           |             | 1/20/2016  | 5132              | 6532.48                               | 6544.51                               | -12.03        |
|            |         |           |             | 4/13/2016  | 5216              | 6520.07                               | 6545.30                               | -25.23        |
|            |         |           |             | 5/2/2017   | 5601              | 6529.06                               | 6544.03                               | -14.97        |
|            |         |           |             | 10/24/2017 | 5775              | 6525.09                               | 6542.85                               | -17.76        |
|            |         |           |             | 2/16/2018  | 5891              | 6545.99                               | 6542.06                               | 3.93          |
| 4/6/2018   | 5939    | 6518.74   | 6541.87     | -23.13     |                   |                                       |                                       |               |
| L8         | 492,621 | 1,539,773 | 1           | 1/15/2013  | 4033              | 6537.34                               | 6541.14                               | -3.80         |
|            |         |           |             | 5/14/2013  | 4151              | 6530.07                               | 6540.48                               | -10.41        |
|            |         |           |             | 4/3/2015   | 4840              | 6527.70                               | 6540.54                               | -12.84        |
|            |         |           |             | 1/20/2016  | 5132              | 6545.29                               | 6542.57                               | 2.72          |
|            |         |           |             | 4/13/2016  | 5216              | 6544.33                               | 6543.65                               | 0.68          |
|            |         |           |             | 10/27/2016 | 5414              | 6564.65                               | 6544.67                               | 19.98         |
|            |         |           |             | 5/2/2017   | 5601              | 6535.98                               | 6542.55                               | -6.57         |
|            |         |           |             | 10/24/2017 | 5775              | 6537.67                               | 6541.21                               | -3.54         |
|            |         |           |             | 3/15/2018  | 5918              | 6524.05                               | 6540.24                               | -16.19        |
| 4/6/2018   | 5939    | 6518.87   | 6540.15     | -21.28     |                   |                                       |                                       |               |
| L9         | 492,463 | 1,539,509 | 1           | 1/15/2013  | 4033              | 6549.23                               | 6539.18                               | 10.05         |
|            |         |           |             | 5/14/2013  | 4151              | 6536.81                               | 6538.62                               | -1.81         |
|            |         |           |             | 5/16/2013  | 4154              | 6516.23                               | 6538.61                               | -22.38        |
|            |         |           |             | 4/3/2015   | 4840              | 6519.82                               | 6538.88                               | -19.06        |
|            |         |           |             | 1/20/2016  | 5132              | 6528.38                               | 6540.87                               | -12.49        |
|            |         |           |             | 4/13/2016  | 5216              | 6527.40                               | 6541.97                               | -14.57        |
|            |         |           |             | 1/7/2017   | 5486              | 6520.94                               | 6542.64                               | -21.70        |
|            |         |           |             | 10/24/2017 | 5775              | 6523.24                               | 6539.89                               | -16.65        |
|            |         |           |             | 3/15/2018  | 5918              | 6520.91                               | 6539.05                               | -18.14        |
|            |         |           |             | 4/6/2018   | 5939              | 6525.79                               | 6538.97                               | -13.18        |
|            |         |           |             | 4/11/2019  | 6309              | 6531.35                               | 6538.50                               | -7.15         |
| 12/18/2019 | 6560    | 6547.43   | 6537.44     | 9.99       |                   |                                       |                                       |               |
|            |         |           |             | 11/16/2002 | 319               | 6515.36                               | 6523.95                               | -8.59         |
|            |         |           |             | 12/9/2003  | 708               | 6514.38                               | 6523.83                               | -9.45         |
|            |         |           |             | 12/9/2004  | 1073              | 6515.63                               | 6523.04                               | -7.41         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| M10     | 486,723 | 1,543,677 | 1           | 12/21/2006 | 1815              | 6517.63                               | 6521.79                               | -4.16         |
|         |         |           |             | 11/13/2007 | 2143              | 6515.06                               | 6521.49                               | -6.43         |
|         |         |           |             | 12/4/2008  | 2529              | 6514.46                               | 6521.14                               | -6.68         |
|         |         |           |             | 9/23/2009  | 2823              | 6512.66                               | 6521.19                               | -8.53         |
|         |         |           |             | 12/10/2009 | 2901              | 6509.86                               | 6521.23                               | -11.37        |
|         |         |           |             | 10/19/2010 | 3213              | 6515.46                               | 6522.03                               | -6.57         |
|         |         |           |             | 12/14/2010 | 3269              | 6513.26                               | 6522.20                               | -8.94         |
|         |         |           |             | 2/23/2011  | 3341              | 6514.06                               | 6522.22                               | -8.16         |
|         |         |           |             | 12/6/2011  | 3626              | 6511.16                               | 6522.83                               | -11.67        |
|         |         |           |             | 11/16/2012 | 3972              | 6510.48                               | 6523.80                               | -13.32        |
|         |         |           |             | 11/18/2012 | 3975              | 6511.05                               | 6523.81                               | -12.76        |
|         |         |           |             | 5/15/2013  | 4153              | 6513.52                               | 6524.94                               | -11.42        |
|         |         |           |             | 12/13/2013 | 4365              | 6515.54                               | 6526.44                               | -10.90        |
|         |         |           |             | 11/25/2015 | 5076              | 6518.26                               | 6525.83                               | -7.57         |
|         |         |           |             | 3/17/2016  | 5190              | 6518.47                               | 6525.25                               | -6.78         |
|         |         |           |             | 12/13/2016 | 5460              | 6514.46                               | 6524.42                               | -9.96         |
|         |         |           |             | 3/25/2017  | 5563              | 6512.56                               | 6523.98                               | -11.42        |
|         |         |           |             | 3/1/2018   | 5904              | 6512.51                               | 6522.14                               | -9.63         |
|         |         |           |             | 12/27/2018 | 6204              | 6511.61                               | 6521.31                               | -9.70         |
|         |         |           |             | 2/20/2019  | 6259              | 6511.31                               | 6521.00                               | -9.69         |
| M16     | 485,112 | 1,543,252 | 1           | 6/17/2005  | 1263              | 6497.66                               | 6506.21                               | -8.55         |
|         |         |           |             | 3/1/2006   | 1520              | 6501.89                               | 6505.90                               | -4.01         |
|         |         |           |             | 6/3/2006   | 1615              | 6501.19                               | 6506.31                               | -5.12         |
|         |         |           |             | 7/24/2006  | 1665              | 6500.61                               | 6506.53                               | -5.92         |
|         |         |           |             | 9/20/2006  | 1724              | 6502.29                               | 6506.77                               | -4.48         |
|         |         |           |             | 4/28/2007  | 1944              | 6504.51                               | 6507.44                               | -2.93         |
|         |         |           |             | 5/29/2007  | 1974              | 6501.09                               | 6507.50                               | -6.41         |
|         |         |           |             | 10/11/2007 | 2109              | 6502.91                               | 6507.65                               | -4.74         |
|         |         |           |             | 11/13/2007 | 2143              | 6504.36                               | 6507.68                               | -3.32         |
|         |         |           |             | 4/10/2008  | 2292              | 6503.49                               | 6504.93                               | -1.44         |
|         |         |           |             | 5/22/2008  | 2333              | 6503.39                               | 6504.76                               | -1.37         |
|         |         |           |             | 8/29/2008  | 2433              | 6505.68                               | 6504.65                               | 1.03          |
|         |         |           |             | 8/29/2008  | 2433              | 6505.68                               | 6504.65                               | 1.03          |
|         |         |           |             | 12/9/2008  | 2534              | 6505.78                               | 6504.58                               | 1.20          |
|         |         |           |             | 4/4/2009   | 2651              | 6507.16                               | 6505.66                               | 1.50          |
|         |         |           |             | 12/11/2009 | 2901              | 6507.65                               | 6506.08                               | 1.57          |
|         |         |           |             | 5/19/2010  | 3060              | 6508.77                               | 6508.51                               | 0.26          |
|         |         |           |             | 8/28/2012  | 3893              | 6508.49                               | 6509.37                               | -0.88         |
|         |         |           |             | 9/25/2012  | 3921              | 6506.96                               | 6509.40                               | -2.44         |
|         |         |           |             | 10/23/2012 | 3948              | 6506.76                               | 6509.44                               | -2.68         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 10/28/2014 | 4683              | 6511.16                               | 6517.93                               | -6.77         |
|            |         |           |             | 11/25/2014 | 4711              | 6510.96                               | 6517.97                               | -7.01         |
|            |         |           |             | 12/30/2014 | 4746              | 6510.64                               | 6518.03                               | -7.39         |
|            |         |           |             | 10/2/2015  | 5023              | 6511.89                               | 6513.11                               | -1.22         |
|            |         |           |             | 12/1/2015  | 5082              | 6510.89                               | 6513.02                               | -2.13         |
|            |         |           |             | 12/13/2016 | 5460              | 6509.81                               | 6512.83                               | -3.02         |
|            |         |           |             | 9/20/2017  | 5741              | 6502.59                               | 6512.11                               | -9.52         |
|            |         |           |             | 12/6/2017  | 5818              | 6506.49                               | 6511.81                               | -5.32         |
|            |         |           |             | 9/19/2018  | 6105              | 6509.30                               | 6511.24                               | -1.94         |
|            |         |           |             | 12/27/2018 | 6204              | 6509.66                               | 6511.05                               | -1.39         |
|            |         |           |             | 12/18/2019 | 6560              | 6508.53                               | 6509.36                               | -0.83         |
| M5         | 489,080 | 1,542,360 | 1           | 2/13/2002  | 44                | 6522.98                               | 6523.63                               | -0.65         |
|            |         |           |             | 8/13/2002  | 224               | 6522.29                               | 6523.72                               | -1.43         |
|            |         |           |             | 1/13/2004  | 742               | 6522.53                               | 6525.63                               | -3.10         |
|            |         |           |             | 12/10/2004 | 1074              | 6525.36                               | 6527.12                               | -1.76         |
|            |         |           |             | 7/28/2005  | 1305              | 6524.87                               | 6530.34                               | -5.47         |
|            |         |           |             | 12/2/2005  | 1431              | 6525.36                               | 6531.44                               | -6.08         |
|            |         |           |             | 12/21/2006 | 1815              | 6527.25                               | 6532.87                               | -5.62         |
|            |         |           |             | 8/15/2007  | 2052              | 6528.99                               | 6531.16                               | -2.17         |
|            |         |           |             | 11/13/2007 | 2143              | 6527.28                               | 6530.80                               | -3.52         |
|            |         |           |             | 10/28/2008 | 2493              | 6527.24                               | 6529.96                               | -2.72         |
|            |         |           |             | 12/4/2008  | 2530              | 6527.97                               | 6529.90                               | -1.93         |
|            |         |           |             | 8/27/2009  | 2796              | 6529.91                               | 6530.29                               | -0.38         |
|            |         |           |             | 12/10/2009 | 2900              | 6530.12                               | 6530.45                               | -0.33         |
|            |         |           |             | 10/8/2010  | 3203              | 6531.14                               | 6530.77                               | 0.37          |
|            |         |           |             | 12/14/2010 | 3269              | 6532.28                               | 6530.91                               | 1.37          |
|            |         |           |             | 11/12/2011 | 3602              | 6534.41                               | 6533.87                               | 0.54          |
|            |         |           |             | 12/6/2011  | 3626              | 6533.99                               | 6534.00                               | -0.01         |
|            |         |           |             | 11/14/2012 | 3970              | 6534.39                               | 6535.01                               | -0.62         |
|            |         |           |             | 12/7/2012  | 3994              | 6534.70                               | 6535.06                               | -0.36         |
|            |         |           |             | 12/4/2013  | 4355              | 6535.99                               | 6536.11                               | -0.12         |
|            |         |           |             | 12/13/2013 | 4364              | 6535.80                               | 6536.15                               | -0.35         |
|            |         |           |             | 12/1/2015  | 5082              | 6536.14                               | 6538.06                               | -1.92         |
|            |         |           |             | 12/13/2016 | 5460              | 6532.74                               | 6533.56                               | -0.82         |
|            |         |           |             | 12/6/2017  | 5818              | 6531.75                               | 6530.72                               | 1.03          |
| 7/18/2018  | 6042    | 6533.68   | 6528.64     | 5.04       |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6532.24   | 6527.22     | 5.02       |                   |                                       |                                       |               |
| 12/11/2019 | 6553    | 6531.45   | 6526.86     | 4.59       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6531.34   | 6526.86     | 4.48       |                   |                                       |                                       |               |
|            |         |           |             | 12/6/2002  | 340               | 6507.84                               | 6520.15                               | -12.31        |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| M6         | 486,674 | 1,543,097 | 1           | 12/13/2003 | 711               | 6507.77                               | 6520.08                               | -12.31        |
|            |         |           |             | 12/9/2004  | 1073              | 6508.04                               | 6519.43                               | -11.39        |
|            |         |           |             | 12/3/2005  | 1432              | 6506.87                               | 6517.78                               | -10.91        |
|            |         |           |             | 12/21/2006 | 1815              | 6508.22                               | 6518.44                               | -10.22        |
|            |         |           |             | 11/13/2007 | 2143              | 6507.83                               | 6518.48                               | -10.65        |
|            |         |           |             | 12/4/2008  | 2529              | 6508.45                               | 6518.20                               | -9.75         |
|            |         |           |             | 9/23/2009  | 2823              | 6509.34                               | 6518.32                               | -8.98         |
|            |         |           |             | 12/10/2009 | 2901              | 6510.71                               | 6518.36                               | -7.65         |
|            |         |           |             | 10/12/2010 | 3206              | 6515.48                               | 6519.21                               | -3.73         |
|            |         |           |             | 12/14/2010 | 3269              | 6515.12                               | 6519.41                               | -4.29         |
|            |         |           |             | 2/23/2011  | 3341              | 6515.31                               | 6519.23                               | -3.92         |
|            |         |           |             | 12/6/2011  | 3626              | 6512.72                               | 6519.71                               | -6.99         |
|            |         |           |             | 11/16/2012 | 3972              | 6512.27                               | 6520.56                               | -8.29         |
|            |         |           |             | 11/20/2012 | 3977              | 6512.74                               | 6520.57                               | -7.83         |
|            |         |           |             | 5/15/2013  | 4152              | 6515.37                               | 6521.84                               | -6.47         |
|            |         |           |             | 12/13/2013 | 4365              | 6517.31                               | 6523.43                               | -6.12         |
|            |         |           |             | 3/4/2015   | 4810              | 6514.31                               | 6524.18                               | -9.87         |
|            |         |           |             | 11/25/2015 | 5076              | 6515.22                               | 6522.95                               | -7.73         |
|            |         |           |             | 12/13/2016 | 5460              | 6515.42                               | 6521.82                               | -6.40         |
|            |         |           |             | 3/25/2017  | 5563              | 6513.02                               | 6521.52                               | -8.50         |
|            |         |           |             | 12/6/2017  | 5818              | 6522.43                               | 6520.14                               | 2.29          |
|            |         |           |             | 3/1/2018   | 5903              | 6514.90                               | 6519.86                               | -4.96         |
| 12/27/2018 | 6204    | 6514.04   | 6519.06     | -5.02      |                   |                                       |                                       |               |
| 2/14/2019  | 6254    | 6514.04   | 6518.84     | -4.80      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6513.24   | 6516.83     | -3.59      |                   |                                       |                                       |               |
| M7         | 486,523 | 1,542,790 | 1           | 12/6/2002  | 340               | 6509.95                               | 6516.52                               | -6.57         |
|            |         |           |             | 12/13/2003 | 711               | 6510.10                               | 6516.48                               | -6.38         |
|            |         |           |             | 12/9/2004  | 1073              | 6510.49                               | 6515.98                               | -5.49         |
|            |         |           |             | 12/3/2005  | 1432              | 6509.56                               | 6514.65                               | -5.09         |
|            |         |           |             | 12/21/2006 | 1815              | 6510.83                               | 6515.37                               | -4.54         |
|            |         |           |             | 11/13/2007 | 2143              | 6510.43                               | 6515.47                               | -5.04         |
|            |         |           |             | 12/4/2008  | 2529              | 6511.07                               | 6515.27                               | -4.20         |
|            |         |           |             | 9/23/2009  | 2823              | 6512.00                               | 6515.43                               | -3.43         |
|            |         |           |             | 12/10/2009 | 2901              | 6512.52                               | 6515.49                               | -2.97         |
|            |         |           |             | 10/12/2010 | 3206              | 6516.27                               | 6516.34                               | -0.07         |
|            |         |           |             | 12/14/2010 | 3269              | 6516.23                               | 6516.53                               | -0.30         |
|            |         |           |             | 2/23/2011  | 3341              | 6516.49                               | 6516.46                               | 0.03          |
|            |         |           |             | 12/6/2011  | 3626              | 6514.63                               | 6516.82                               | -2.19         |
|            |         |           |             | 11/16/2012 | 3972              | 6514.33                               | 6517.54                               | -3.21         |
| 11/20/2012 | 3977    | 6514.62   | 6517.55     | -2.93      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 3/21/2013  | 4097              | 6517.81                               | 6518.35                               | -0.54         |
|            |         |           |             | 12/13/2013 | 4365              | 6518.63                               | 6520.56                               | -1.93         |
|            |         |           |             | 3/4/2015   | 4810              | 6513.12                               | 6521.35                               | -8.23         |
|            |         |           |             | 11/25/2015 | 5076              | 6517.16                               | 6520.31                               | -3.15         |
|            |         |           |             | 3/17/2016  | 5190              | 6516.19                               | 6519.97                               | -3.78         |
|            |         |           |             | 12/13/2016 | 5460              | 6515.93                               | 6519.52                               | -3.59         |
|            |         |           |             | 12/6/2017  | 5818              | 6514.33                               | 6518.02                               | -3.69         |
|            |         |           |             | 3/1/2018   | 5903              | 6516.89                               | 6517.78                               | -0.89         |
|            |         |           |             | 12/27/2018 | 6204              | 6516.40                               | 6517.02                               | -0.62         |
|            |         |           |             | 2/14/2019  | 6254              | 6516.20                               | 6516.79                               | -0.59         |
|            |         |           |             | 12/18/2019 | 6560              | 6515.25                               | 6514.96                               | 0.29          |
| M9         | 486,699 | 1,543,310 | 1           | 12/6/2002  | 340               | 6505.35                               | 6521.45                               | -16.10        |
|            |         |           |             | 12/9/2003  | 707               | 6508.41                               | 6521.37                               | -12.96        |
|            |         |           |             | 12/13/2003 | 711               | 6508.21                               | 6521.37                               | -13.16        |
|            |         |           |             | 6/22/2004  | 904               | 6508.41                               | 6520.95                               | -12.54        |
|            |         |           |             | 11/9/2004  | 1043              | 6508.28                               | 6520.71                               | -12.43        |
|            |         |           |             | 12/9/2004  | 1073              | 6508.51                               | 6520.67                               | -12.16        |
|            |         |           |             | 5/31/2007  | 1977              | 6506.40                               | 6519.75                               | -13.35        |
|            |         |           |             | 9/19/2007  | 2087              | 6506.73                               | 6519.60                               | -12.87        |
|            |         |           |             | 11/13/2007 | 2143              | 6507.36                               | 6519.52                               | -12.16        |
|            |         |           |             | 3/6/2008   | 2257              | 6509.45                               | 6519.40                               | -9.95         |
|            |         |           |             | 12/4/2008  | 2529              | 6508.26                               | 6519.21                               | -10.95        |
|            |         |           |             | 9/23/2009  | 2822              | 6508.80                               | 6519.31                               | -10.51        |
|            |         |           |             | 12/10/2009 | 2901              | 6510.10                               | 6519.35                               | -9.25         |
|            |         |           |             | 2/21/2013  | 4070              | 6510.86                               | 6521.85                               | -10.99        |
|            |         |           |             | 3/4/2015   | 4811              | 6504.51                               | 6524.94                               | -20.43        |
|            |         |           |             | 6/12/2015  | 4911              | 6503.23                               | 6524.26                               | -21.03        |
|            |         |           |             | 3/17/2016  | 5190              | 6503.56                               | 6522.92                               | -19.36        |
|            |         |           |             | 3/1/2018   | 5903              | 6505.56                               | 6520.26                               | -14.70        |
|            |         |           |             | 9/19/2018  | 6105              | 6512.60                               | 6519.75                               | -7.15         |
|            |         |           |             | 12/27/2018 | 6204              | 6513.41                               | 6519.45                               | -6.04         |
| 11/13/2019 | 6526    | 6511.30   | 6517.45     | -6.15      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6511.71   | 6517.25     | -5.54      |                   |                                       |                                       |               |
|            |         |           |             | 12/6/2002  | 340               | 6525.17                               | 6522.64                               | 2.53          |
|            |         |           |             | 12/13/2003 | 711               | 6525.07                               | 6522.87                               | 2.20          |
|            |         |           |             | 12/9/2004  | 1073              | 6525.59                               | 6522.87                               | 2.72          |
|            |         |           |             | 12/3/2005  | 1432              | 6525.00                               | 6523.78                               | 1.22          |
|            |         |           |             | 12/21/2006 | 1815              | 6525.97                               | 6524.82                               | 1.15          |
|            |         |           |             | 11/13/2007 | 2143              | 6526.37                               | 6523.86                               | 2.51          |
|            |         |           |             | 12/4/2008  | 2529              | 6526.59                               | 6523.35                               | 3.24          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| MA         | 487,767 | 1,541,290 | 1           | 12/10/2009 | 2901              | 6528.82                               | 6523.44                               | 5.38          |
|            |         |           |             | 12/14/2010 | 3269              | 6529.54                               | 6523.92                               | 5.62          |
|            |         |           |             | 12/6/2011  | 3626              | 6531.36                               | 6525.45                               | 5.91          |
|            |         |           |             | 11/16/2012 | 3973              | 6531.42                               | 6526.57                               | 4.85          |
|            |         |           |             | 12/13/2013 | 4365              | 6532.80                               | 6527.93                               | 4.87          |
|            |         |           |             | 11/25/2015 | 5076              | 6534.10                               | 6529.06                               | 5.04          |
|            |         |           |             | 12/13/2016 | 5460              | 6531.77                               | 6528.35                               | 3.42          |
|            |         |           |             | 12/6/2017  | 5818              | 6530.31                               | 6525.99                               | 4.32          |
|            |         |           |             | 12/27/2018 | 6204              | 6487.22                               | 6524.25                               | -37.03        |
|            |         |           |             | 12/18/2019 | 6560              | 6527.77                               | 6522.14                               | 5.63          |
| MC         | 487,264 | 1,541,304 | 1           | 12/6/2002  | 340               | 6525.26                               | 6519.27                               | 5.99          |
|            |         |           |             | 12/9/2004  | 1073              | 6525.00                               | 6519.34                               | 5.66          |
|            |         |           |             | 12/21/2006 | 1815              | 6524.86                               | 6520.76                               | 4.10          |
|            |         |           |             | 11/13/2007 | 2143              | 6524.76                               | 6520.18                               | 4.58          |
|            |         |           |             | 12/4/2008  | 2529              | 6524.31                               | 6519.78                               | 4.53          |
|            |         |           |             | 12/10/2009 | 2901              | 6526.00                               | 6519.87                               | 6.13          |
|            |         |           |             | 12/14/2010 | 3269              | 6527.22                               | 6520.47                               | 6.75          |
|            |         |           |             | 12/6/2011  | 3626              | 6528.46                               | 6521.72                               | 6.74          |
|            |         |           |             | 11/16/2012 | 3973              | 6528.76                               | 6522.72                               | 6.04          |
|            |         |           |             | 12/13/2013 | 4365              | 6530.24                               | 6524.24                               | 6.00          |
|            |         |           |             | 11/25/2015 | 5076              | 6531.45                               | 6525.32                               | 6.13          |
|            |         |           |             | 12/13/2016 | 5460              | 6529.90                               | 6524.88                               | 5.02          |
|            |         |           |             | 12/6/2017  | 5818              | 6528.16                               | 6522.92                               | 5.24          |
|            |         |           |             | 12/27/2018 | 6204              | 6527.86                               | 6521.37                               | 6.49          |
| 12/18/2019 | 6560    | 6526.21   | 6519.42     | 6.79       |                   |                                       |                                       |               |
| MF         | 486,808 | 1,541,757 | 1           | 12/6/2002  | 340               | 6520.10                               | 6517.03                               | 3.07          |
|            |         |           |             | 12/13/2003 | 711               | 6521.33                               | 6517.13                               | 4.20          |
|            |         |           |             | 12/9/2004  | 1073              | 6520.57                               | 6516.91                               | 3.66          |
|            |         |           |             | 12/3/2005  | 1432              | 6519.78                               | 6516.95                               | 2.83          |
|            |         |           |             | 12/21/2006 | 1815              | 6520.63                               | 6517.89                               | 2.74          |
|            |         |           |             | 11/13/2007 | 2143              | 6520.58                               | 6517.49                               | 3.09          |
|            |         |           |             | 12/4/2008  | 2529              | 6521.06                               | 6517.19                               | 3.87          |
|            |         |           |             | 12/10/2009 | 2901              | 6522.85                               | 6517.33                               | 5.52          |
|            |         |           |             | 12/14/2010 | 3269              | 6524.73                               | 6518.10                               | 6.63          |
|            |         |           |             | 12/6/2011  | 3626              | 6525.28                               | 6519.15                               | 6.13          |
|            |         |           |             | 11/16/2012 | 3973              | 6525.43                               | 6520.04                               | 5.39          |
|            |         |           |             | 12/13/2013 | 4365              | 6527.70                               | 6521.89                               | 5.81          |
|            |         |           |             | 11/25/2015 | 5076              | 6528.68                               | 6522.68                               | 6.00          |
|            |         |           |             | 12/13/2016 | 5460              | 6526.78                               | 6522.29                               | 4.49          |
| 12/6/2017  | 5818    | 6525.24   | 6520.50     | 4.74       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/27/2018 | 6204              | 6525.38                               | 6519.12                               | 6.26          |
|            |         |           |             | 12/18/2019 | 6560              | 6523.78                               | 6517.17                               | 6.61          |
| MH         | 486,569 | 1,542,208 | 1           | 12/6/2002  | 340               | 6517.51                               | 6515.89                               | 1.62          |
|            |         |           |             | 12/13/2003 | 711               | 6517.72                               | 6515.95                               | 1.77          |
|            |         |           |             | 12/9/2004  | 1073              | 6518.00                               | 6515.65                               | 2.35          |
|            |         |           |             | 12/3/2005  | 1432              | 6517.17                               | 6515.31                               | 1.86          |
|            |         |           |             | 12/21/2006 | 1815              | 6518.11                               | 6516.21                               | 1.90          |
|            |         |           |             | 11/13/2007 | 2143              | 6517.82                               | 6515.95                               | 1.87          |
|            |         |           |             | 12/4/2008  | 2529              | 6518.36                               | 6515.71                               | 2.65          |
|            |         |           |             | 12/10/2009 | 2901              | 6520.17                               | 6515.89                               | 4.28          |
|            |         |           |             | 12/14/2010 | 3269              | 6522.46                               | 6516.77                               | 5.69          |
|            |         |           |             | 12/6/2011  | 3626              | 6522.52                               | 6517.60                               | 4.92          |
|            |         |           |             | 11/16/2012 | 3973              | 6522.67                               | 6518.41                               | 4.26          |
|            |         |           |             | 12/13/2013 | 4365              | 6525.32                               | 6520.61                               | 4.71          |
|            |         |           |             | 11/25/2015 | 5076              | 6525.66                               | 6521.13                               | 4.53          |
|            |         |           |             | 12/13/2016 | 5460              | 6524.02                               | 6520.72                               | 3.30          |
|            |         |           |             | 12/6/2017  | 5818              | 6522.41                               | 6519.05                               | 3.36          |
|            |         |           |             | 12/27/2018 | 6204              | 6522.77                               | 6517.80                               | 4.97          |
|            |         |           |             | 12/18/2019 | 6560              | 6521.17                               | 6515.85                               | 5.32          |
| MJ         | 486,350 | 1,542,682 | 1           | 12/6/2002  | 340               | 6516.91                               | 6514.02                               | 2.89          |
|            |         |           |             | 12/9/2004  | 1073              | 6516.98                               | 6513.57                               | 3.41          |
|            |         |           |             | 12/21/2006 | 1815              | 6516.99                               | 6513.14                               | 3.85          |
|            |         |           |             | 11/13/2007 | 2143              | 6517.04                               | 6513.29                               | 3.75          |
|            |         |           |             | 12/4/2008  | 2529              | 6517.04                               | 6513.16                               | 3.88          |
|            |         |           |             | 12/10/2009 | 2901              | 6517.07                               | 6513.42                               | 3.65          |
|            |         |           |             | 12/14/2010 | 3269              | 6517.04                               | 6514.50                               | 2.54          |
|            |         |           |             | 12/6/2011  | 3626              | 6517.04                               | 6514.74                               | 2.30          |
|            |         |           |             | 11/16/2012 | 3972              | 6517.04                               | 6515.37                               | 1.67          |
|            |         |           |             | 12/27/2018 | 6204              | 6512.94                               | 6515.50                               | -2.56         |
| 12/18/2019 | 6560    | 6518.59   | 6513.55     | 5.04       |                   |                                       |                                       |               |
| MK         | 486,324 | 1,543,373 | 1           | 12/6/2002  | 340               | 6512.19                               | 6516.29                               | -4.10         |
|            |         |           |             | 12/9/2004  | 1073              | 6512.24                               | 6515.70                               | -3.46         |
|            |         |           |             | 11/13/2007 | 2143              | 6512.39                               | 6514.90                               | -2.51         |
|            |         |           |             | 12/4/2008  | 2529              | 6512.39                               | 6514.64                               | -2.25         |
|            |         |           |             | 12/6/2011  | 3626              | 6512.54                               | 6515.86                               | -3.32         |
|            |         |           |             | 11/16/2002 | 319               | 6521.13                               | 6526.65                               | -5.52         |
|            |         |           |             | 12/6/2002  | 340               | 6521.13                               | 6526.65                               | -5.52         |
|            |         |           |             | 12/13/2003 | 711               | 6521.16                               | 6526.48                               | -5.32         |
|            |         |           |             | 12/9/2004  | 1073              | 6521.03                               | 6525.61                               | -4.58         |
|            |         |           |             | 12/3/2005  | 1432              | 6521.39                               | 6523.91                               | -2.52         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| ML         | 486,691 | 1,543,902 | 1           | 12/21/2006 | 1815              | 6522.67                               | 6524.21                               | -1.54         |
|            |         |           |             | 11/13/2007 | 2143              | 6522.82                               | 6523.68                               | -0.86         |
|            |         |           |             | 11/4/2008  | 2499              | 6522.67                               | 6523.28                               | -0.61         |
|            |         |           |             | 9/23/2009  | 2822              | 6519.83                               | 6523.26                               | -3.43         |
|            |         |           |             | 12/10/2009 | 2901              | 6520.08                               | 6523.29                               | -3.21         |
|            |         |           |             | 10/19/2010 | 3213              | 6522.46                               | 6523.97                               | -1.51         |
|            |         |           |             | 12/14/2010 | 3269              | 6521.52                               | 6524.13                               | -2.61         |
|            |         |           |             | 2/23/2011  | 3341              | 6522.57                               | 6524.26                               | -1.69         |
|            |         |           |             | 12/6/2011  | 3626              | 6521.92                               | 6524.97                               | -3.05         |
|            |         |           |             | 11/16/2012 | 3972              | 6522.33                               | 6526.03                               | -3.70         |
|            |         |           |             | 11/20/2012 | 3977              | 6522.45                               | 6526.04                               | -3.59         |
|            |         |           |             | 5/15/2013  | 4153              | 6522.99                               | 6527.03                               | -4.04         |
|            |         |           |             | 12/13/2013 | 4365              | 6523.77                               | 6528.42                               | -4.65         |
|            |         |           |             | 11/25/2015 | 5076              | 6523.06                               | 6527.98                               | -4.92         |
|            |         |           |             | 3/17/2016  | 5190              | 6521.87                               | 6527.40                               | -5.53         |
|            |         |           |             | 12/13/2016 | 5460              | 6520.77                               | 6526.40                               | -5.63         |
|            |         |           |             | 3/25/2017  | 5562              | 6519.72                               | 6525.88                               | -6.16         |
|            |         |           |             | 12/6/2017  | 5818              | 6518.93                               | 6524.27                               | -5.34         |
|            |         |           |             | 3/1/2018   | 5904              | 6521.08                               | 6523.88                               | -2.80         |
|            |         |           |             | 12/27/2018 | 6204              | 6519.40                               | 6522.97                               | -3.57         |
| 2/20/2019  | 6259    | 6519.22   | 6522.65     | -3.43      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6518.20   | 6520.36     | -2.16      |                   |                                       |                                       |               |
| MN         | 486,325 | 1,544,613 | 1           | 11/25/2015 | 5076              | 6517.48                               | 6532.38                               | -14.90        |
|            |         |           |             | 12/13/2016 | 5460              | 6515.61                               | 6530.94                               | -15.33        |
|            |         |           |             | 12/6/2017  | 5818              | 6515.86                               | 6529.00                               | -13.14        |
|            |         |           |             | 12/6/2018  | 6183              | 6514.91                               | 6526.57                               | -11.66        |
|            |         |           |             | 12/18/2019 | 6560              | 6513.26                               | 6503.51                               | 9.75          |
| MO         | 485,518 | 1,543,620 | 1           | 3/21/2002  | 80                | 6506.12                               | 6511.01                               | -4.89         |
|            |         |           |             | 10/15/2002 | 288               | 6505.25                               | 6511.02                               | -5.77         |
|            |         |           |             | 11/16/2002 | 319               | 6505.24                               | 6511.02                               | -5.78         |
|            |         |           |             | 3/11/2003  | 434               | 6505.19                               | 6511.01                               | -5.82         |
|            |         |           |             | 10/14/2003 | 652               | 6504.65                               | 6510.98                               | -6.33         |
|            |         |           |             | 3/12/2004  | 801               | 6504.97                               | 6510.93                               | -5.96         |
|            |         |           |             | 10/14/2004 | 1018              | 6504.56                               | 6510.70                               | -6.14         |
|            |         |           |             | 3/9/2010   | 2989              | 6508.16                               | 6510.44                               | -2.28         |
|            |         |           |             | 5/19/2010  | 3060              | 6508.37                               | 6510.81                               | -2.44         |
|            |         |           |             | 10/11/2011 | 3571              | 6504.87                               | 6511.68                               | -6.81         |
|            |         |           |             | 10/3/2012  | 3928              | 6506.69                               | 6512.07                               | -5.38         |
|            |         |           |             | 3/20/2014  | 4461              | 6513.22                               | 6524.60                               | -11.38        |
| 3/13/2015  | 4819    | 6511.01   | 6518.12     | -7.11      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 10/16/2015 | 5037              | 6512.50                               | 6515.97                               | -3.47         |
|         |         |           |             | 12/1/2015  | 5082              | 6511.38                               | 6515.84                               | -4.46         |
|         |         |           |             | 3/16/2016  | 5188              | 6509.99                               | 6515.54                               | -5.55         |
|         |         |           |             | 10/27/2016 | 5413              | 6509.17                               | 6515.21                               | -6.04         |
|         |         |           |             | 12/13/2016 | 5460              | 6510.46                               | 6515.16                               | -4.70         |
|         |         |           |             | 3/18/2017  | 5556              | 6508.82                               | 6515.06                               | -6.24         |
|         |         |           |             | 12/6/2017  | 5818              | 6508.77                               | 6514.11                               | -5.34         |
|         |         |           |             | 2/2/2018   | 5877              | 6507.22                               | 6513.99                               | -6.77         |
|         |         |           |             | 12/27/2018 | 6204              | 6510.83                               | 6513.37                               | -2.54         |
|         |         |           |             | 3/6/2019   | 6273              | 6510.22                               | 6513.01                               | -2.79         |
|         |         |           |             | 3/6/2019   | 6273              | 6510.22                               | 6513.01                               | -2.79         |
|         |         |           |             | 12/18/2019 | 6560              | 6509.99                               | 6511.52                               | -1.53         |
| MQ      | 486,326 | 1,543,173 | 1           | 10/18/2002 | 291               | 6506.52                               | 6515.93                               | -9.41         |
|         |         |           |             | 12/6/2002  | 340               | 6506.44                               | 6515.93                               | -9.49         |
|         |         |           |             | 12/13/2003 | 711               | 6506.12                               | 6515.87                               | -9.75         |
|         |         |           |             | 1/13/2004  | 743               | 6506.10                               | 6515.87                               | -9.77         |
|         |         |           |             | 10/16/2004 | 1020              | 6505.94                               | 6515.43                               | -9.49         |
|         |         |           |             | 12/9/2004  | 1073              | 6506.19                               | 6515.36                               | -9.17         |
|         |         |           |             | 5/31/2007  | 1977              | 6504.14                               | 6514.75                               | -10.61        |
|         |         |           |             | 9/18/2007  | 2087              | 6504.67                               | 6514.71                               | -10.04        |
|         |         |           |             | 11/13/2007 | 2143              | 6505.30                               | 6514.68                               | -9.38         |
|         |         |           |             | 3/6/2008   | 2256              | 6507.76                               | 6514.62                               | -6.86         |
|         |         |           |             | 12/4/2008  | 2529              | 6506.40                               | 6514.45                               | -8.05         |
|         |         |           |             | 9/23/2009  | 2822              | 6506.59                               | 6514.64                               | -8.05         |
|         |         |           |             | 12/10/2009 | 2901              | 6508.46                               | 6514.69                               | -6.23         |
|         |         |           |             | 2/21/2013  | 4070              | 6509.46                               | 6516.49                               | -7.03         |
|         |         |           |             | 3/4/2015   | 4811              | 6506.98                               | 6520.17                               | -13.19        |
|         |         |           |             | 6/12/2015  | 4911              | 6505.92                               | 6519.44                               | -13.52        |
|         |         |           |             | 11/12/2002 | 316               | 6494.43                               | 6500.43                               | -6.00         |
|         |         |           |             | 1/20/2004  | 749               | 6494.27                               | 6500.34                               | -6.07         |
|         |         |           |             | 11/11/2004 | 1045              | 6493.06                               | 6499.90                               | -6.84         |
|         |         |           |             | 5/19/2010  | 3060              | 6499.35                               | 6503.33                               | -3.98         |
|         |         |           |             | 10/9/2010  | 3204              | 6499.60                               | 6503.77                               | -4.17         |
|         |         |           |             | 12/15/2010 | 3271              | 6499.76                               | 6503.95                               | -4.19         |
|         |         |           |             | 11/9/2011  | 3599              | 6496.88                               | 6503.53                               | -6.65         |
|         |         |           |             | 12/7/2011  | 3627              | 6497.71                               | 6503.51                               | -5.80         |
|         |         |           |             | 6/26/2012  | 3830              | 6500.02                               | 6503.62                               | -3.60         |
|         |         |           |             | 11/20/2012 | 3977              | 6499.31                               | 6503.75                               | -4.44         |
|         |         |           |             | 5/16/2013  | 4153              | 6501.66                               | 6504.77                               | -3.11         |
|         |         |           |             | 6/19/2013  | 4188              | 6500.77                               | 6505.04                               | -4.27         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| MR         | 483,574 | 1,542,609 | 1           | 12/13/2013 | 4364              | 6504.46                               | 6506.33                               | -1.87         |
|            |         |           |             | 3/11/2015  | 4817              | 6502.05                               | 6507.11                               | -5.06         |
|            |         |           |             | 4/15/2015  | 4852              | 6502.10                               | 6507.14                               | -5.04         |
|            |         |           |             | 8/8/2015   | 4968              | 6501.75                               | 6507.25                               | -5.50         |
|            |         |           |             | 12/1/2015  | 5082              | 6501.75                               | 6507.39                               | -5.64         |
|            |         |           |             | 3/16/2016  | 5188              | 6498.52                               | 6507.64                               | -9.12         |
|            |         |           |             | 9/9/2016   | 5366              | 6497.27                               | 6507.83                               | -10.56        |
|            |         |           |             | 12/13/2016 | 5460              | 6497.97                               | 6507.87                               | -9.90         |
|            |         |           |             | 3/21/2017  | 5558              | 6497.21                               | 6507.57                               | -10.36        |
|            |         |           |             | 5/2/2017   | 5600              | 6497.71                               | 6507.37                               | -9.66         |
|            |         |           |             | 8/12/2017  | 5702              | 6497.26                               | 6506.90                               | -9.64         |
|            |         |           |             | 10/14/2017 | 5766              | 6497.75                               | 6506.62                               | -8.87         |
|            |         |           |             | 12/6/2017  | 5818              | 6501.76                               | 6506.39                               | -4.63         |
|            |         |           |             | 3/23/2018  | 5926              | 6499.66                               | 6506.18                               | -6.52         |
|            |         |           |             | 6/14/2018  | 6009              | 6499.80                               | 6506.09                               | -6.29         |
|            |         |           |             | 8/3/2018   | 6059              | 6500.07                               | 6506.03                               | -5.96         |
|            |         |           |             | 9/18/2018  | 6105              | 6499.66                               | 6505.97                               | -6.31         |
|            |         |           |             | 12/27/2018 | 6204              | 6500.27                               | 6505.83                               | -5.56         |
|            |         |           |             | 1/29/2019  | 6237              | 6499.35                               | 6505.73                               | -6.38         |
|            |         |           |             | 2/26/2019  | 6265              | 6499.73                               | 6505.60                               | -5.87         |
|            |         |           |             | 3/26/2019  | 6293              | 6499.22                               | 6505.47                               | -6.25         |
|            |         |           |             | 5/29/2019  | 6357              | 6497.66                               | 6505.18                               | -7.52         |
|            |         |           |             | 6/25/2019  | 6384              | 6498.21                               | 6505.06                               | -6.85         |
|            |         |           |             | 7/30/2019  | 6419              | 6498.06                               | 6504.91                               | -6.85         |
|            |         |           |             | 10/1/2019  | 6482              | 6498.16                               | 6504.63                               | -6.47         |
|            |         |           |             | 10/29/2019 | 6510              | 6498.16                               | 6504.51                               | -6.35         |
|            |         |           |             | 11/6/2019  | 6518              | 6498.02                               | 6504.47                               | -6.45         |
| 11/13/2019 | 6525    | 6497.66   | 6504.44     | -6.78      |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6497.28   | 6504.30     | -7.02      |                   |                                       |                                       |               |
| MS         | 485,570 | 1,542,607 | 1           | 11/12/2002 | 316               | 6505.96                               | 6507.73                               | -1.77         |
|            |         |           |             | 1/20/2004  | 749               | 6505.67                               | 6507.70                               | -2.03         |
|            |         |           |             | 11/11/2004 | 1045              | 6505.48                               | 6507.40                               | -1.92         |
|            |         |           |             | 5/19/2010  | 3060              | 6508.60                               | 6508.75                               | -0.15         |
|            |         |           |             | 12/15/2010 | 3271              | 6512.61                               | 6509.40                               | 3.21          |
|            |         |           |             | 11/24/2013 | 4346              | 6514.51                               | 6513.35                               | 1.16          |
|            |         |           |             | 12/13/2013 | 4365              | 6514.33                               | 6513.50                               | 0.83          |
|            |         |           |             | 12/1/2015  | 5082              | 6511.44                               | 6513.26                               | -1.82         |
|            |         |           |             | 7/1/2016   | 5296              | 6509.56                               | 6513.18                               | -3.62         |
|            |         |           |             | 3/30/2017  | 5568              | 6509.17                               | 6513.01                               | -3.84         |
|            |         |           |             | 12/2/2017  | 5814              | 6508.86                               | 6512.06                               | -3.20         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/6/2017  | 5818              | 6505.06                               | 6512.04                               | -6.98         |
|            |         |           |             | 12/7/2018  | 6184              | 6510.14                               | 6511.34                               | -1.20         |
|            |         |           |             | 10/15/2019 | 6497              | 6505.47                               | 6509.89                               | -4.42         |
|            |         |           |             | 12/18/2019 | 6560              | 6509.33                               | 6509.60                               | -0.27         |
| MT         | 483,531 | 1,543,221 | 1           | 11/14/2002 | 318               | 6495.45                               | 6500.81                               | -5.36         |
|            |         |           |             | 1/20/2004  | 749               | 6495.19                               | 6500.76                               | -5.57         |
|            |         |           |             | 11/11/2004 | 1045              | 6494.04                               | 6500.40                               | -6.36         |
|            |         |           |             | 11/5/2005  | 1405              | 6492.03                               | 6499.79                               | -7.76         |
|            |         |           |             | 11/15/2006 | 1779              | 6494.99                               | 6512.81                               | -17.82        |
|            |         |           |             | 5/3/2007   | 1949              | 6509.11                               | 6513.00                               | -3.89         |
|            |         |           |             | 10/24/2007 | 2123              | 6510.27                               | 6513.16                               | -2.89         |
|            |         |           |             | 11/4/2008  | 2500              | 6504.23                               | 6514.65                               | -10.42        |
|            |         |           |             | 10/15/2009 | 2845              | 6510.09                               | 6514.31                               | -4.22         |
|            |         |           |             | 10/9/2010  | 3204              | 6504.63                               | 6512.62                               | -7.99         |
|            |         |           |             | 10/14/2011 | 3574              | 6504.73                               | 6509.37                               | -4.64         |
|            |         |           |             | 10/24/2012 | 3950              | 6504.57                               | 6509.68                               | -5.11         |
|            |         |           |             | 5/16/2013  | 4154              | 6506.92                               | 6512.69                               | -5.77         |
|            |         |           |             | 12/1/2015  | 5082              | 6505.67                               | 6507.66                               | -1.99         |
|            |         |           |             | 12/13/2016 | 5460              | 6503.13                               | 6511.60                               | -8.47         |
|            |         |           |             | 12/7/2018  | 6184              | 6506.79                               | 6509.70                               | -2.91         |
| 12/18/2019 | 6560    | 6506.88   | 6504.99     | 1.89       |                   |                                       |                                       |               |
| MU         | 487,143 | 1,544,461 | 1           | 11/13/2002 | 317               | 6528.63                               | 6541.38                               | -12.75        |
|            |         |           |             | 12/6/2002  | 340               | 6529.47                               | 6541.38                               | -11.91        |
|            |         |           |             | 12/13/2003 | 711               | 6528.73                               | 6540.93                               | -12.20        |
|            |         |           |             | 1/16/2004  | 745               | 6528.38                               | 6540.81                               | -12.43        |
|            |         |           |             | 3/25/2004  | 815               | 6528.40                               | 6540.37                               | -11.97        |
|            |         |           |             | 11/11/2004 | 1045              | 6529.43                               | 6539.50                               | -10.07        |
|            |         |           |             | 12/9/2004  | 1073              | 6529.25                               | 6539.44                               | -10.19        |
|            |         |           |             | 11/5/2005  | 1404              | 6531.73                               | 6537.31                               | -5.58         |
|            |         |           |             | 12/3/2005  | 1432              | 6531.49                               | 6537.22                               | -5.73         |
|            |         |           |             | 11/28/2006 | 1792              | 6534.83                               | 6537.59                               | -2.76         |
|            |         |           |             | 12/21/2006 | 1815              | 6534.78                               | 6537.62                               | -2.84         |
|            |         |           |             | 10/17/2007 | 2115              | 6535.33                               | 6535.91                               | -0.58         |
|            |         |           |             | 11/13/2007 | 2143              | 6535.04                               | 6535.81                               | -0.77         |
|            |         |           |             | 6/18/2008  | 2360              | 6534.85                               | 6535.50                               | -0.65         |
|            |         |           |             | 12/4/2008  | 2529              | 6535.17                               | 6535.37                               | -0.20         |
|            |         |           |             | 12/10/2009 | 2901              | 6535.49                               | 6535.33                               | 0.16          |
| 12/14/2010 | 3269    | 6534.49   | 6535.68     | -1.19      |                   |                                       |                                       |               |
| 11/9/2011  | 3600    | 6536.42   | 6537.04     | -0.62      |                   |                                       |                                       |               |
| 12/6/2011  | 3626    | 6536.59   | 6537.14     | -0.55      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 11/16/2012 | 3972              | 6537.30                               | 6538.61                               | -1.31         |
|            |         |           |             | 11/20/2012 | 3976              | 6537.28                               | 6538.62                               | -1.34         |
|            |         |           |             | 12/13/2013 | 4365              | 6537.97                               | 6540.15                               | -2.18         |
|            |         |           |             | 11/25/2015 | 5076              | 6539.29                               | 6539.66                               | -0.37         |
|            |         |           |             | 12/13/2016 | 5460              | 6536.74                               | 6537.06                               | -0.32         |
|            |         |           |             | 12/2/2017  | 5814              | 6536.31                               | 6533.79                               | 2.52          |
|            |         |           |             | 12/7/2018  | 6185              | 6533.08                               | 6532.38                               | 0.70          |
|            |         |           |             | 10/16/2019 | 6497              | 6530.59                               | 6529.03                               | 1.56          |
|            |         |           |             | 12/18/2019 | 6560              | 6529.87                               | 6528.54                               | 1.33          |
| MV         | 484,418 | 1,542,618 | 1           | 12/9/2008  | 2534              | 6500.93                               | 6504.84                               | -3.91         |
|            |         |           |             | 10/9/2010  | 3204              | 6505.58                               | 6506.26                               | -0.68         |
|            |         |           |             | 12/15/2010 | 3271              | 6505.68                               | 6506.45                               | -0.77         |
|            |         |           |             | 3/3/2011   | 3349              | 6505.51                               | 6506.43                               | -0.92         |
|            |         |           |             | 12/7/2011  | 3627              | 6502.83                               | 6506.20                               | -3.37         |
|            |         |           |             | 11/20/2012 | 3977              | 6504.04                               | 6506.48                               | -2.44         |
|            |         |           |             | 11/28/2012 | 3984              | 6504.73                               | 6506.49                               | -1.76         |
|            |         |           |             | 5/16/2013  | 4153              | 6506.86                               | 6507.88                               | -1.02         |
|            |         |           |             | 3/25/2015  | 4831              | 6506.49                               | 6510.12                               | -3.63         |
|            |         |           |             | 12/1/2015  | 5082              | 6506.02                               | 6509.96                               | -3.94         |
|            |         |           |             | 12/13/2016 | 5460              | 6503.97                               | 6510.23                               | -6.26         |
|            |         |           |             | 12/6/2017  | 5818              | 6505.28                               | 6509.03                               | -3.75         |
|            |         |           |             | 3/7/2018   | 5909              | 6498.04                               | 6508.78                               | -10.74        |
|            |         |           |             | 12/27/2018 | 6204              | 6504.86                               | 6508.31                               | -3.45         |
|            |         |           |             | 4/4/2019   | 6303              | 6503.90                               | 6507.92                               | -4.02         |
| 12/18/2019 | 6560    | 6502.63   | 6506.77     | -4.14      |                   |                                       |                                       |               |
| MW         | 486,346 | 1,543,802 | 1           | 11/16/2002 | 319               | 6509.66                               | 6518.37                               | -8.71         |
|            |         |           |             | 12/13/2003 | 711               | 6509.48                               | 6518.28                               | -8.80         |
|            |         |           |             | 12/9/2004  | 1073              | 6508.65                               | 6517.72                               | -9.07         |
|            |         |           |             | 12/3/2005  | 1432              | 6506.73                               | 6516.10                               | -9.37         |
|            |         |           |             | 2/23/2006  | 1514              | 6510.45                               | 6515.98                               | -5.53         |
|            |         |           |             | 12/21/2006 | 1815              | 6504.21                               | 6516.46                               | -12.25        |
|            |         |           |             | 11/13/2007 | 2143              | 6504.01                               | 6516.61                               | -12.60        |
|            |         |           |             | 11/4/2008  | 2499              | 6508.81                               | 6516.32                               | -7.51         |
|            |         |           |             | 12/4/2008  | 2529              | 6504.80                               | 6516.30                               | -11.50        |
|            |         |           |             | 10/15/2009 | 2845              | 6509.49                               | 6516.43                               | -6.94         |
|            |         |           |             | 12/10/2009 | 2901              | 6507.10                               | 6516.46                               | -9.36         |
|            |         |           |             | 10/19/2010 | 3214              | 6514.45                               | 6517.29                               | -2.84         |
|            |         |           |             | 12/14/2010 | 3269              | 6513.37                               | 6517.45                               | -4.08         |
|            |         |           |             | 2/23/2011  | 3341              | 6513.81                               | 6517.43                               | -3.62         |
| 12/6/2011  | 3626    | 6512.33   | 6517.70     | -5.37      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 11/16/2012 | 3972              | 6512.91                               | 6518.43                               | -5.52         |
|            |         |           |             | 11/21/2012 | 3977              | 6513.39                               | 6518.44                               | -5.05         |
|            |         |           |             | 5/16/2013  | 4153              | 6514.98                               | 6520.14                               | -5.16         |
|            |         |           |             | 12/13/2013 | 4365              | 6516.57                               | 6522.01                               | -5.44         |
|            |         |           |             | 11/25/2015 | 5076              | 6513.51                               | 6521.22                               | -7.71         |
|            |         |           |             | 12/13/2016 | 5460              | 6513.51                               | 6520.12                               | -6.61         |
|            |         |           |             | 12/6/2017  | 5818              | 6513.03                               | 6518.67                               | -5.64         |
|            |         |           |             | 3/1/2018   | 5903              | 6515.19                               | 6518.42                               | -3.23         |
|            |         |           |             | 12/27/2018 | 6204              | 6530.31                               | 6517.68                               | 12.63         |
|            |         |           |             | 2/20/2019  | 6259              | 6512.98                               | 6517.42                               | -4.44         |
|            |         |           |             | 12/18/2019 | 6560              | 6510.46                               | 6515.56                               | -5.10         |
| MX         | 486,244 | 1,541,287 | 1           | 11/13/2002 | 317               | 6513.69                               | 6510.30                               | 3.39          |
|            |         |           |             | 12/13/2003 | 711               | 6513.41                               | 6510.32                               | 3.09          |
|            |         |           |             | 1/16/2004  | 745               | 6513.33                               | 6510.33                               | 3.00          |
|            |         |           |             | 3/4/2004   | 793               | 6513.20                               | 6510.31                               | 2.89          |
|            |         |           |             | 11/10/2004 | 1045              | 6513.27                               | 6510.15                               | 3.12          |
|            |         |           |             | 12/14/2004 | 1079              | 6513.19                               | 6510.13                               | 3.06          |
|            |         |           |             | 11/5/2005  | 1404              | 6512.31                               | 6509.79                               | 2.52          |
|            |         |           |             | 10/24/2006 | 1758              | 6512.85                               | 6510.45                               | 2.40          |
|            |         |           |             | 10/25/2007 | 2123              | 6512.84                               | 6510.82                               | 2.02          |
|            |         |           |             | 3/6/2008   | 2256              | 6513.86                               | 6510.80                               | 3.06          |
|            |         |           |             | 12/15/2009 | 2905              | 6514.91                               | 6510.95                               | 3.96          |
|            |         |           |             | 7/28/2010  | 3131              | 6515.99                               | 6511.44                               | 4.55          |
|            |         |           |             | 11/9/2011  | 3600              | 6516.55                               | 6512.24                               | 4.31          |
|            |         |           |             | 11/28/2012 | 3984              | 6517.33                               | 6512.85                               | 4.48          |
|            |         |           |             | 5/15/2013  | 4153              | 6518.61                               | 6513.65                               | 4.96          |
|            |         |           |             | 3/11/2015  | 4817              | 6518.46                               | 6516.15                               | 2.31          |
|            |         |           |             | 8/19/2015  | 4978              | 6519.70                               | 6516.03                               | 3.67          |
|            |         |           |             | 3/16/2016  | 5188              | 6518.95                               | 6516.06                               | 2.89          |
|            |         |           |             | 3/21/2017  | 5558              | 6518.06                               | 6515.84                               | 2.22          |
|            |         |           |             | 8/12/2017  | 5702              | 6517.71                               | 6515.32                               | 2.39          |
| 11/14/2017 | 5796    | 6517.64   | 6514.95     | 2.69       |                   |                                       |                                       |               |
| 8/3/2018   | 6058    | 6518.39   | 6514.17     | 4.22       |                   |                                       |                                       |               |
| 8/22/2019  | 6443    | 6517.31   | 6512.78     | 4.53       |                   |                                       |                                       |               |
|            |         |           |             | 11/13/2002 | 317               | 6511.33                               | 6511.77                               | -0.44         |
|            |         |           |             | 12/13/2003 | 711               | 6511.26                               | 6511.78                               | -0.52         |
|            |         |           |             | 1/16/2004  | 745               | 6511.24                               | 6511.78                               | -0.54         |
|            |         |           |             | 3/4/2004   | 793               | 6511.28                               | 6511.74                               | -0.46         |
|            |         |           |             | 11/10/2004 | 1045              | 6511.42                               | 6511.50                               | -0.08         |
|            |         |           |             | 12/14/2004 | 1079              | 6511.38                               | 6511.48                               | -0.10         |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| MY         | 486,213 | 1,542,200 | 1           | 4/13/2005  | 1198              | 6511.36                               | 6511.15                               | 0.21          |
|            |         |           |             | 11/5/2005  | 1404              | 6510.12                               | 6510.81                               | -0.69         |
|            |         |           |             | 10/24/2006 | 1757              | 6510.80                               | 6511.49                               | -0.69         |
|            |         |           |             | 10/25/2007 | 2123              | 6510.66                               | 6511.76                               | -1.10         |
|            |         |           |             | 3/6/2008   | 2256              | 6512.20                               | 6511.76                               | 0.44          |
|            |         |           |             | 11/4/2008  | 2499              | 6511.22                               | 6511.67                               | -0.45         |
|            |         |           |             | 12/15/2009 | 2905              | 6513.30                               | 6511.93                               | 1.37          |
|            |         |           |             | 7/29/2010  | 3131              | 6515.08                               | 6512.54                               | 2.54          |
|            |         |           |             | 4/19/2011  | 3395              | 6516.06                               | 6513.05                               | 3.01          |
|            |         |           |             | 11/28/2012 | 3984              | 6515.78                               | 6513.94                               | 1.84          |
|            |         |           |             | 5/15/2013  | 4153              | 6517.59                               | 6515.08                               | 2.51          |
|            |         |           |             | 12/17/2016 | 5464              | 6516.90                               | 6516.79                               | 0.11          |
|            |         |           |             | 11/14/2017 | 5796              | 6511.41                               | 6515.58                               | -4.17         |
|            |         |           |             | 12/7/2018  | 6184              | 6517.88                               | 6514.52                               | 3.36          |
| 10/15/2019 | 6497    | 6516.45   | 6513.01     | 3.44       |                   |                                       |                                       |               |
| MZ         | 486,757 | 1,543,485 | 1           | 12/9/2003  | 708               | 6505.81                               | 6522.68                               | -16.87        |
|            |         |           |             | 12/9/2004  | 1073              | 6505.74                               | 6521.93                               | -16.19        |
|            |         |           |             | 12/3/2005  | 1432              | 6504.38                               | 6520.18                               | -15.80        |
|            |         |           |             | 12/21/2006 | 1816              | 6505.89                               | 6520.73                               | -14.84        |
|            |         |           |             | 11/13/2007 | 2143              | 6505.34                               | 6520.60                               | -15.26        |
|            |         |           |             | 12/4/2008  | 2529              | 6506.28                               | 6520.27                               | -13.99        |
|            |         |           |             | 9/23/2009  | 2822              | 6506.56                               | 6520.35                               | -13.79        |
|            |         |           |             | 12/10/2009 | 2901              | 6508.15                               | 6520.39                               | -12.24        |
|            |         |           |             | 10/12/2010 | 3206              | 6513.24                               | 6521.22                               | -7.98         |
|            |         |           |             | 12/14/2010 | 3270              | 6513.06                               | 6521.42                               | -8.36         |
|            |         |           |             | 2/23/2011  | 3341              | 6513.13                               | 6521.30                               | -8.17         |
|            |         |           |             | 12/6/2011  | 3626              | 6510.09                               | 6521.88                               | -11.79        |
|            |         |           |             | 11/14/2012 | 3970              | 6508.94                               | 6522.81                               | -13.87        |
|            |         |           |             | 11/20/2012 | 3977              | 6509.78                               | 6522.82                               | -13.04        |
|            |         |           |             | 5/16/2013  | 4153              | 6512.49                               | 6524.02                               | -11.53        |
|            |         |           |             | 12/13/2013 | 4365              | 6514.68                               | 6525.54                               | -10.86        |
|            |         |           |             | 3/4/2015   | 4810              | 6512.16                               | 6526.23                               | -14.07        |
|            |         |           |             | 11/25/2015 | 5076              | 6512.91                               | 6524.92                               | -12.01        |
|            |         |           |             | 3/17/2016  | 5190              | 6512.23                               | 6524.33                               | -12.10        |
|            |         |           |             | 12/13/2016 | 5460              | 6513.64                               | 6523.57                               | -9.93         |
|            |         |           |             | 3/25/2017  | 5563              | 6512.74                               | 6523.19                               | -10.45        |
| 12/6/2017  | 5818    | 6511.64   | 6521.72     | -10.08     |                   |                                       |                                       |               |
| 3/1/2018   | 5903    | 6515.24   | 6521.41     | -6.17      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6512.64   | 6520.58     | -7.94      |                   |                                       |                                       |               |
| 2/20/2019  | 6260    | 6512.39   | 6520.31     | -7.92      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 12/18/2019 | 6560              | 6511.49                               | 6518.21                               | -6.72         |
| N       | 489,665 | 1,545,101 | 1           | 6/11/2002  | 161               | 6529.98                               | 6531.76                               | -1.78         |
|         |         |           |             | 9/6/2002   | 248               | 6530.09                               | 6531.82                               | -1.73         |
|         |         |           |             | 8/29/2003  | 606               | 6531.61                               | 6532.85                               | -1.24         |
|         |         |           |             | 9/1/2004   | 975               | 6531.97                               | 6534.90                               | -2.93         |
|         |         |           |             | 11/9/2005  | 1408              | 6533.56                               | 6537.59                               | -4.03         |
|         |         |           |             | 8/29/2007  | 2066              | 6536.86                               | 6539.59                               | -2.73         |
|         |         |           |             | 11/4/2008  | 2499              | 6538.59                               | 6540.02                               | -1.43         |
|         |         |           |             | 11/21/2012 | 3978              | 6544.43                               | 6542.75                               | 1.68          |
|         |         |           |             | 8/30/2018  | 6085              | 6543.25                               | 6540.13                               | 3.12          |
|         |         |           |             | 8/30/2019  | 6450              | 6542.37                               | 6539.17                               | 3.20          |
| NA      | 491,488 | 1,545,000 | 1           | 9/6/2002   | 249               | 6532.88                               | 6535.22                               | -2.34         |
|         |         |           |             | 9/3/2003   | 610               | 6534.39                               | 6536.47                               | -2.08         |
|         |         |           |             | 9/1/2004   | 975               | 6534.95                               | 6538.85                               | -3.90         |
|         |         |           |             | 11/9/2005  | 1408              | 6536.23                               | 6541.57                               | -5.34         |
|         |         |           |             | 8/29/2007  | 2066              | 6538.77                               | 6543.50                               | -4.73         |
|         |         |           |             | 10/29/2008 | 2493              | 6540.21                               | 6544.01                               | -3.80         |
|         |         |           |             | 8/31/2018  | 6086              | 6545.61                               | 6543.66                               | 1.95          |
|         |         |           |             | 8/30/2019  | 6450              | 6544.96                               | 6542.43                               | 2.53          |
| NB      | 491,296 | 1,545,000 | 1           | 9/6/2002   | 248               | 6540.27                               | 6534.50                               | 5.77          |
|         |         |           |             | 8/29/2003  | 606               | 6541.08                               | 6535.74                               | 5.34          |
|         |         |           |             | 9/1/2004   | 975               | 6539.66                               | 6538.18                               | 1.48          |
|         |         |           |             | 11/9/2005  | 1408              | 6540.12                               | 6540.95                               | -0.83         |
|         |         |           |             | 8/29/2007  | 2066              | 6541.20                               | 6542.93                               | -1.73         |
|         |         |           |             | 10/29/2008 | 2493              | 6541.49                               | 6543.42                               | -1.93         |
|         |         |           |             | 8/31/2018  | 6086              | 6545.53                               | 6543.07                               | 2.46          |
|         |         |           |             | 8/30/2019  | 6450              | 6544.85                               | 6541.89                               | 2.96          |
| NC      | 491,282 | 1,545,220 | 1           | 9/6/2002   | 248               | 6532.10                               | 6534.76                               | -2.66         |
|         |         |           |             | 8/29/2003  | 606               | 6533.65                               | 6535.83                               | -2.18         |
|         |         |           |             | 8/18/2004  | 961               | 6534.12                               | 6538.07                               | -3.95         |
|         |         |           |             | 12/7/2005  | 1436              | 6535.63                               | 6541.07                               | -5.44         |
|         |         |           |             | 8/8/2006   | 1680              | 6535.47                               | 6541.79                               | -6.32         |
|         |         |           |             | 8/29/2007  | 2067              | 6538.10                               | 6542.91                               | -4.81         |
|         |         |           |             | 11/15/2007 | 2145              | 6538.53                               | 6543.11                               | -4.58         |
|         |         |           |             | 11/4/2008  | 2500              | 6539.97                               | 6543.45                               | -3.48         |
|         |         |           |             | 12/4/2008  | 2530              | 6539.61                               | 6543.47                               | -3.86         |
|         |         |           |             | 9/22/2009  | 2821              | 6539.68                               | 6543.65                               | -3.97         |
|         |         |           |             | 12/15/2009 | 2906              | 6540.12                               | 6543.72                               | -3.60         |
|         |         |           |             | 12/9/2010  | 3265              | 6541.59                               | 6544.51                               | -2.92         |
|         |         |           |             | 12/16/2010 | 3271              | 6541.88                               | 6544.52                               | -2.64         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| ND         | 494,872 | 1,545,927 | 1           | 12/6/2011  | 3627              | 6542.28                               | 6544.76                               | -2.48         |
|            |         |           |             | 11/16/2012 | 3973              | 6542.78                               | 6544.91                               | -2.13         |
|            |         |           |             | 11/20/2012 | 3976              | 6542.68                               | 6544.91                               | -2.23         |
|            |         |           |             | 12/13/2013 | 4364              | 6544.54                               | 6546.48                               | -1.94         |
|            |         |           |             | 4/15/2015  | 4852              | 6546.62                               | 6548.03                               | -1.41         |
|            |         |           |             | 8/27/2015  | 4987              | 6547.88                               | 6548.19                               | -0.31         |
|            |         |           |             | 12/1/2015  | 5082              | 6547.18                               | 6548.28                               | -1.10         |
|            |         |           |             | 12/14/2016 | 5461              | 6545.21                               | 6546.71                               | -1.50         |
|            |         |           |             | 12/6/2017  | 5818              | 6544.34                               | 6545.29                               | -0.95         |
|            |         |           |             | 4/5/2018   | 5938              | 6545.17                               | 6544.76                               | 0.41          |
|            |         |           |             | 12/27/2018 | 6204              | 6545.22                               | 6543.34                               | 1.88          |
|            |         |           |             | 4/3/2019   | 6302              | 6544.92                               | 6542.98                               | 1.94          |
|            |         |           |             | 12/19/2019 | 6561              | 6544.29                               | 6542.71                               | 1.58          |
| ND         | 494,872 | 1,545,927 | 1           | 5/15/2002  | 134               | 6544.16                               | 6550.36                               | -6.20         |
|            |         |           |             | 5/23/2003  | 508               | 6544.28                               | 6550.38                               | -6.10         |
|            |         |           |             | 5/19/2004  | 869               | 6544.31                               | 6550.45                               | -6.14         |
|            |         |           |             | 5/12/2005  | 1228              | 6544.52                               | 6550.66                               | -6.14         |
|            |         |           |             | 12/11/2006 | 1805              | 6544.76                               | 6551.39                               | -6.63         |
|            |         |           |             | 5/8/2007   | 1954              | 6544.79                               | 6551.61                               | -6.82         |
|            |         |           |             | 5/20/2008  | 2332              | 6545.41                               | 6552.10                               | -6.69         |
|            |         |           |             | 9/22/2009  | 2822              | 6546.09                               | 6552.65                               | -6.56         |
|            |         |           |             | 10/15/2011 | 3575              | 6547.25                               | 6553.31                               | -6.06         |
|            |         |           |             | 5/31/2012  | 3804              | 6547.59                               | 6553.26                               | -5.67         |
|            |         |           |             | 12/4/2013  | 4355              | 6548.30                               | 6553.03                               | -4.73         |
|            |         |           |             | 3/27/2015  | 4834              | 6548.91                               | 6553.12                               | -4.21         |
|            |         |           |             | 5/13/2015  | 4880              | 6548.47                               | 6553.14                               | -4.67         |
|            |         |           |             | 12/6/2017  | 5818              | 6550.53                               | 6553.64                               | -3.11         |
| 12/12/2017 | 5825    | 6550.57   | 6553.64     | -3.07      |                   |                                       |                                       |               |
| 3/8/2018   | 5911    | 6551.83   | 6553.64     | -1.81      |                   |                                       |                                       |               |
| 12/12/2019 | 6554    | 6552.28   | 6553.43     | -1.15      |                   |                                       |                                       |               |
| O          | 492,725 | 1,545,060 | 1           | 9/6/2002   | 248               | 6537.46                               | 6545.69                               | -8.23         |
|            |         |           |             | 8/29/2003  | 606               | 6538.43                               | 6546.59                               | -8.16         |
|            |         |           |             | 1/16/2004  | 745               | 6538.95                               | 6547.04                               | -8.09         |
|            |         |           |             | 9/1/2004   | 975               | 6539.22                               | 6548.10                               | -8.88         |
|            |         |           |             | 11/9/2005  | 1409              | 6540.09                               | 6549.77                               | -9.68         |
|            |         |           |             | 8/29/2007  | 2066              | 6542.03                               | 6551.07                               | -9.04         |
|            |         |           |             | 10/29/2008 | 2493              | 6542.92                               | 6551.50                               | -8.58         |
|            |         |           |             | 11/21/2012 | 3977              | 6544.89                               | 6550.94                               | -6.05         |
|            |         |           |             | 8/30/2018  | 6086              | 6547.75                               | 6548.96                               | -1.21         |
| 8/29/2019  | 6450    | 6547.35   | 6547.68     | -0.33      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| P         | 491,058 | 1,546,691 | 1           | 7/16/2002  | 197               | 6528.17                               | 6536.17                               | -8.00         |
|           |         |           |             | 7/16/2003  | 561               | 6532.95                               | 6536.72                               | -3.77         |
|           |         |           |             | 7/8/2004   | 919               | 6530.56                               | 6538.14                               | -7.58         |
|           |         |           |             | 5/5/2005   | 1221              | 6530.96                               | 6540.43                               | -9.47         |
|           |         |           |             | 10/11/2005 | 1380              | 6531.74                               | 6541.32                               | -9.58         |
|           |         |           |             | 5/24/2006  | 1605              | 6534.30                               | 6541.27                               | -6.97         |
|           |         |           |             | 10/18/2006 | 1752              | 6534.18                               | 6541.56                               | -7.38         |
|           |         |           |             | 5/8/2007   | 1953              | 6535.66                               | 6542.44                               | -6.78         |
|           |         |           |             | 10/3/2007  | 2101              | 6537.19                               | 6542.95                               | -5.76         |
|           |         |           |             | 5/6/2008   | 2318              | 6537.00                               | 6543.69                               | -6.69         |
|           |         |           |             | 10/9/2008  | 2474              | 6540.85                               | 6543.91                               | -3.06         |
|           |         |           |             | 5/5/2009   | 2681              | 6537.86                               | 6543.54                               | -5.68         |
|           |         |           |             | 9/16/2009  | 2815              | 6537.68                               | 6543.49                               | -5.81         |
|           |         |           |             | 5/4/2010   | 3046              | 6539.13                               | 6543.94                               | -4.81         |
|           |         |           |             | 10/7/2010  | 3202              | 6540.35                               | 6544.33                               | -3.98         |
|           |         |           |             | 5/17/2011  | 3424              | 6541.40                               | 6544.37                               | -2.97         |
|           |         |           |             | 10/11/2011 | 3571              | 6541.70                               | 6544.47                               | -2.77         |
|           |         |           |             | 5/4/2012   | 3777              | 6541.80                               | 6544.78                               | -2.98         |
|           |         |           |             | 10/2/2012  | 3928              | 6541.63                               | 6544.93                               | -3.30         |
|           |         |           |             | 5/8/2013   | 4145              | 6543.13                               | 6546.51                               | -3.38         |
|           |         |           |             | 11/6/2013  | 4327              | 6545.34                               | 6547.43                               | -2.09         |
|           |         |           |             | 5/15/2014  | 4518              | 6545.73                               | 6548.10                               | -2.37         |
|           |         |           |             | 10/21/2015 | 5041              | 6548.71                               | 6549.58                               | -0.87         |
|           |         |           |             | 5/17/2016  | 5250              | 6545.69                               | 6549.77                               | -4.08         |
|           |         |           |             | 10/27/2016 | 5413              | 6545.28                               | 6549.60                               | -4.32         |
|           |         |           |             | 6/2/2017   | 5632              | 6546.82                               | 6549.18                               | -2.36         |
|           |         |           |             | 8/25/2017  | 5716              | 6546.66                               | 6549.02                               | -2.36         |
|           |         |           |             | 10/27/2017 | 5779              | 6545.97                               | 6548.91                               | -2.94         |
|           |         |           |             | 3/23/2018  | 5925              | 6547.04                               | 6548.62                               | -1.58         |
|           |         |           |             | 5/1/2018   | 5964              | 6547.19                               | 6548.52                               | -1.33         |
| 5/2/2019  | 6331    | 6548.76   | 6547.51     | 1.25       |                   |                                       |                                       |               |
| 1/3/2013  |         |           |             | 4020       | 6537.64           | 6544.18                               | -6.54                                 |               |
| 1/8/2013  |         |           |             | 4025       | 6537.73           | 6544.77                               | -7.04                                 |               |
| 1/15/2013 |         |           |             | 4032       | 6538.04           | 6544.96                               | -6.92                                 |               |
| 1/29/2013 |         |           |             | 4046       | 6537.73           | 6545.33                               | -7.60                                 |               |
| 2/5/2013  |         |           |             | 4054       | 6537.87           | 6545.41                               | -7.54                                 |               |
| 2/21/2013 |         |           |             | 4070       | 6537.73           | 6545.53                               | -7.80                                 |               |
| 2/26/2013 |         |           |             | 4074       | 6537.56           | 6545.56                               | -8.00                                 |               |
| 3/26/2013 |         |           |             | 4102       | 6537.56           | 6545.77                               | -8.21                                 |               |
| 4/2/2013  |         |           |             | 4109       | 6537.54           | 6545.82                               | -8.28                                 |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| P2         | 490,912 | 1,546,555 | 1           | 4/30/2013  | 4138              | 6538.40                               | 6546.02                               | -7.62         |
|            |         |           |             | 5/29/2013  | 4167              | 6543.39                               | 6546.23                               | -2.84         |
|            |         |           |             | 6/25/2013  | 4194              | 6544.15                               | 6546.40                               | -2.25         |
|            |         |           |             | 1/28/2014  | 4410              | 6545.44                               | 6547.35                               | -1.91         |
|            |         |           |             | 3/1/2014   | 4442              | 6545.69                               | 6547.46                               | -1.77         |
|            |         |           |             | 3/25/2014  | 4466              | 6545.79                               | 6547.54                               | -1.75         |
|            |         |           |             | 4/29/2014  | 4501              | 6545.71                               | 6547.66                               | -1.95         |
|            |         |           |             | 5/28/2014  | 4530              | 6546.04                               | 6547.76                               | -1.72         |
|            |         |           |             | 6/24/2014  | 4557              | 6546.44                               | 6547.85                               | -1.41         |
|            |         |           |             | 7/29/2014  | 4592              | 6546.21                               | 6547.97                               | -1.76         |
|            |         |           |             | 8/26/2014  | 4620              | 6546.69                               | 6548.06                               | -1.37         |
|            |         |           |             | 9/23/2014  | 4648              | 6546.70                               | 6548.15                               | -1.45         |
|            |         |           |             | 10/28/2014 | 4683              | 6546.89                               | 6548.26                               | -1.37         |
|            |         |           |             | 11/25/2014 | 4711              | 6546.29                               | 6548.35                               | -2.06         |
|            |         |           |             | 12/30/2014 | 4746              | 6547.05                               | 6548.46                               | -1.41         |
|            |         |           |             | 3/24/2017  | 5561              | 6547.19                               | 6548.78                               | -1.59         |
|            |         |           |             | 3/7/2018   | 5910              | 6547.81                               | 6548.06                               | -0.25         |
|            |         |           |             | 3/28/2019  | 6295              | 6547.68                               | 6546.89                               | 0.79          |
|            |         |           |             | P3         | 490,785           | 1,546,159                             | 1                                     | 3/10/2004     |
| 12/22/2004 | 1087    | 6538.44   | 6537.93     |            |                   |                                       |                                       | 0.51          |
| 4/26/2005  | 1212    | 6533.75   | 6538.99     |            |                   |                                       |                                       | -5.24         |
| 3/17/2006  | 1537    | 6534.64   | 6540.34     |            |                   |                                       |                                       | -5.70         |
| 5/3/2007   | 1949    | 6536.70   | 6541.62     |            |                   |                                       |                                       | -4.92         |
| 12/18/2007 | 2178    | 6538.62   | 6542.36     |            |                   |                                       |                                       | -3.74         |
| 1/3/2013   | 4020    | 6537.20   | 6543.70     |            |                   |                                       |                                       | -6.50         |
| 1/8/2013   | 4025    | 6537.20   | 6544.17     |            |                   |                                       |                                       | -6.97         |
| 1/15/2013  | 4032    | 6537.65   | 6544.34     |            |                   |                                       |                                       | -6.69         |
| 1/29/2013  | 4046    | 6536.62   | 6544.68     |            |                   |                                       |                                       | -8.06         |
| 2/5/2013   | 4054    | 6536.71   | 6544.75     |            |                   |                                       |                                       | -8.04         |
| 2/21/2013  | 4070    | 6536.37   | 6544.87     |            |                   |                                       |                                       | -8.50         |
| 2/26/2013  | 4074    | 6536.45   | 6544.90     |            |                   |                                       |                                       | -8.45         |
| 3/26/2013  | 4102    | 6535.99   | 6545.11     |            |                   |                                       |                                       | -9.12         |
| 4/2/2013   | 4109    | 6535.17   | 6545.16     |            |                   |                                       |                                       | -9.99         |
| 4/30/2013  | 4138    | 6536.37   | 6545.36     |            |                   |                                       |                                       | -8.99         |
| 5/29/2013  | 4167    | 6543.05   | 6545.57     |            |                   |                                       |                                       | -2.52         |
| 6/25/2013  | 4194    | 6543.57   | 6545.74     |            |                   |                                       |                                       | -2.17         |
| 1/28/2014  | 4410    | 6545.05   | 6546.72     |            |                   |                                       |                                       | -1.67         |
| 3/1/2014   | 4442    | 6545.20   | 6546.83     |            |                   |                                       |                                       | -1.63         |
| 3/25/2014  | 4466    | 6545.19   | 6546.92     | -1.73      |                   |                                       |                                       |               |
| 4/29/2014  | 4501    | 6545.25   | 6547.04     | -1.79      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 5/28/2014  | 4530              | 6545.45                               | 6547.15                               | -1.70         |
|            |         |           |             | 6/24/2014  | 4557              | 6545.80                               | 6547.24                               | -1.44         |
|            |         |           |             | 7/29/2014  | 4592              | 6545.95                               | 6547.37                               | -1.42         |
|            |         |           |             | 8/26/2014  | 4620              | 6546.02                               | 6547.47                               | -1.45         |
|            |         |           |             | 9/23/2014  | 4648              | 6540.09                               | 6547.56                               | -7.47         |
|            |         |           |             | 10/28/2014 | 4683              | 6546.25                               | 6547.67                               | -1.42         |
|            |         |           |             | 11/25/2014 | 4711              | 6546.25                               | 6547.75                               | -1.50         |
|            |         |           |             | 4/1/2015   | 4838              | 6546.37                               | 6548.11                               | -1.74         |
|            |         |           |             | 3/24/2017  | 5561              | 6546.40                               | 6547.70                               | -1.30         |
|            |         |           |             | 3/7/2018   | 5910              | 6548.34                               | 6546.82                               | 1.52          |
|            |         |           |             | 3/28/2019  | 6295              | 6547.80                               | 6545.41                               | 2.39          |
| P4         | 491,899 | 1,546,513 | 1           | 4/5/2002   | 95                | 6525.09                               | 6537.11                               | -12.02        |
|            |         |           |             | 4/24/2003  | 478               | 6535.02                               | 6537.60                               | -2.58         |
|            |         |           |             | 12/10/2003 | 708               | 6535.14                               | 6538.07                               | -2.93         |
|            |         |           |             | 3/10/2004  | 800               | 6535.11                               | 6540.05                               | -4.94         |
|            |         |           |             | 12/22/2004 | 1087              | 6536.32                               | 6541.64                               | -5.32         |
|            |         |           |             | 3/17/2006  | 1537              | 6536.62                               | 6543.68                               | -7.06         |
|            |         |           |             | 5/3/2007   | 1949              | 6538.00                               | 6544.72                               | -6.72         |
|            |         |           |             | 12/18/2007 | 2178              | 6539.08                               | 6545.40                               | -6.32         |
|            |         |           |             | 3/6/2008   | 2256              | 6539.24                               | 6544.81                               | -5.57         |
|            |         |           |             | 5/29/2013  | 4167              | 6542.67                               | 6547.84                               | -5.17         |
|            |         |           |             | 6/25/2013  | 4194              | 6543.36                               | 6547.98                               | -4.62         |
|            |         |           |             | 7/16/2013  | 4214              | 6543.62                               | 6548.09                               | -4.47         |
|            |         |           |             | 7/23/2013  | 4222              | 6543.82                               | 6548.12                               | -4.30         |
|            |         |           |             | 1/28/2014  | 4410              | 6544.99                               | 6548.85                               | -3.86         |
|            |         |           |             | 3/1/2014   | 4442              | 6545.12                               | 6548.94                               | -3.82         |
|            |         |           |             | 3/25/2014  | 4466              | 6545.22                               | 6549.01                               | -3.79         |
|            |         |           |             | 4/29/2014  | 4501              | 6545.50                               | 6549.12                               | -3.62         |
|            |         |           |             | 6/24/2014  | 4557              | 6545.72                               | 6549.29                               | -3.57         |
|            |         |           |             | 7/29/2014  | 4592              | 6545.70                               | 6549.40                               | -3.70         |
|            |         |           |             | 10/4/2014  | 4659              | 6545.22                               | 6549.61                               | -4.39         |
| 12/30/2014 | 4746    | 6550.47   | 6549.86     | 0.61       |                   |                                       |                                       |               |
| 3/7/2018   | 5910    | 6548.50   | 6549.83     | -1.33      |                   |                                       |                                       |               |
| 3/28/2019  | 6295    | 6550.38   | 6548.88     | 1.50       |                   |                                       |                                       |               |
|            |         |           |             | 5/15/2002  | 134               | 6541.20                               | 6546.68                               | -5.48         |
|            |         |           |             | 5/16/2003  | 501               | 6541.71                               | 6546.75                               | -5.04         |
|            |         |           |             | 5/19/2004  | 869               | 6541.93                               | 6547.06                               | -5.13         |
|            |         |           |             | 5/10/2005  | 1226              | 6542.34                               | 6547.75                               | -5.41         |
|            |         |           |             | 11/5/2005  | 1405              | 6542.64                               | 6548.18                               | -5.54         |
|            |         |           |             | 10/24/2006 | 1758              | 6542.92                               | 6548.95                               | -6.03         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| Q         | 492,153 | 1,548,693 | 1           | 5/5/2007   | 1951              | 6543.45                               | 6549.39                               | -5.94         |
|           |         |           |             | 10/18/2007 | 2116              | 6543.68                               | 6549.78                               | -6.10         |
|           |         |           |             | 5/20/2008  | 2332              | 6544.21                               | 6550.22                               | -6.01         |
|           |         |           |             | 7/16/2009  | 2753              | 6544.30                               | 6550.75                               | -6.45         |
|           |         |           |             | 10/13/2009 | 2842              | 6544.49                               | 6550.82                               | -6.33         |
|           |         |           |             | 6/23/2010  | 3096              | 6545.11                               | 6551.11                               | -6.00         |
|           |         |           |             | 6/14/2011  | 3452              | 6545.76                               | 6551.58                               | -5.82         |
|           |         |           |             | 5/30/2012  | 3803              | 6546.16                               | 6551.88                               | -5.72         |
|           |         |           |             | 5/14/2013  | 4152              | 6546.56                               | 6552.25                               | -5.69         |
|           |         |           |             | 5/1/2015   | 4869              | 6548.50                               | 6553.85                               | -5.35         |
|           |         |           |             | 5/18/2016  | 5252              | 6549.12                               | 6554.60                               | -5.48         |
|           |         |           |             | 10/27/2016 | 5413              | 6549.21                               | 6554.80                               | -5.59         |
|           |         |           |             | 3/24/2017  | 5562              | 6549.47                               | 6554.90                               | -5.43         |
|           |         |           |             | 5/4/2017   | 5602              | 6549.27                               | 6554.91                               | -5.64         |
|           |         |           |             | 12/6/2017  | 5819              | 6549.42                               | 6554.91                               | -5.49         |
|           |         |           |             | 3/21/2018  | 5924              | 6551.74                               | 6554.89                               | -3.15         |
|           |         |           |             | 3/23/2018  | 5925              | 6551.76                               | 6554.89                               | -3.13         |
|           |         |           |             | 4/27/2018  | 5960              | 6551.30                               | 6554.87                               | -3.57         |
|           |         |           |             | 6/21/2018  | 6016              | 6551.74                               | 6554.84                               | -3.10         |
|           |         |           |             | 9/14/2018  | 6101              | 6551.70                               | 6554.79                               | -3.09         |
| 12/4/2018 | 6182    | 6551.72   | 6554.72     | -3.00      |                   |                                       |                                       |               |
| 5/2/2019  | 6330    | 6551.99   | 6554.61     | -2.62      |                   |                                       |                                       |               |
| Q11       | 489,134 | 1,534,859 | 1           | 5/8/2015   | 4876              | 6506.66                               | 6511.35                               | -4.69         |
|           |         |           |             | 7/9/2016   | 5304              | 6512.41                               | 6515.06                               | -2.65         |
|           |         |           |             | 2/27/2018  | 5902              | 6510.33                               | 6512.25                               | -1.92         |
|           |         |           |             | 8/21/2018  | 6077              | 6478.49                               | 6512.81                               | -34.32        |
|           |         |           |             | 1/29/2019  | 6237              | 6504.73                               | 6512.29                               | -7.56         |
|           |         |           |             | 2/26/2019  | 6265              | 6504.52                               | 6512.00                               | -7.48         |
|           |         |           |             | 3/26/2019  | 6293              | 6506.35                               | 6511.75                               | -5.40         |
|           |         |           |             | 4/16/2019  | 6314              | 6507.56                               | 6511.57                               | -4.01         |
|           |         |           |             | 8/27/2019  | 6448              | 6506.82                               | 6510.71                               | -3.89         |
| Q12       | 489,102 | 1,535,058 | 1           | 4/12/2014  | 4484              | 6508.84                               | 6510.67                               | -1.83         |
|           |         |           |             | 11/6/2014  | 4692              | 6503.14                               | 6509.83                               | -6.69         |
|           |         |           |             | 11/14/2014 | 4700              | 6503.26                               | 6509.81                               | -6.55         |
|           |         |           |             | 12/2/2014  | 4718              | 6502.54                               | 6509.79                               | -7.25         |
|           |         |           |             | 7/13/2016  | 5308              | 6510.97                               | 6515.41                               | -4.44         |
|           |         |           |             | 9/16/2016  | 5372              | 6516.18                               | 6515.43                               | 0.75          |
|           |         |           |             | 2/27/2018  | 5902              | 6511.07                               | 6512.44                               | -1.37         |
|           |         |           |             | 8/24/2018  | 6079              | 6475.02                               | 6513.00                               | -37.98        |
|           |         |           |             | 1/29/2019  | 6237              | 6507.14                               | 6512.84                               | -5.70         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 2/26/2019  | 6265              | 6505.80                               | 6512.55                               | -6.75         |
|            |         |           |             | 3/26/2019  | 6293              | 6504.88                               | 6512.31                               | -7.43         |
|            |         |           |             | 4/16/2019  | 6314              | 6508.22                               | 6512.13                               | -3.91         |
|            |         |           |             | 8/27/2019  | 6447              | 6507.22                               | 6511.28                               | -4.06         |
| Q16        | 489,347 | 1,534,639 | 1           | 11/20/2013 | 4342              | 6510.76                               | 6513.22                               | -2.46         |
|            |         |           |             | 11/6/2014  | 4692              | 6504.44                               | 6511.76                               | -7.32         |
|            |         |           |             | 11/14/2014 | 4700              | 6504.54                               | 6511.75                               | -7.21         |
|            |         |           |             | 12/2/2014  | 4718              | 6503.70                               | 6511.72                               | -8.02         |
|            |         |           |             | 3/26/2019  | 6293              | 6508.42                               | 6514.65                               | -6.23         |
| Q18        | 489,342 | 1,534,869 | 1           | 5/8/2015   | 4875              | 6509.40                               | 6513.56                               | -4.16         |
|            |         |           |             | 7/9/2016   | 5304              | 6514.14                               | 6517.11                               | -2.97         |
|            |         |           |             | 2/28/2018  | 5902              | 6511.92                               | 6514.22                               | -2.30         |
|            |         |           |             | 1/29/2019  | 6237              | 6512.63                               | 6514.55                               | -1.92         |
|            |         |           |             | 2/26/2019  | 6265              | 6512.23                               | 6514.36                               | -2.13         |
|            |         |           |             | 3/26/2019  | 6293              | 6507.83                               | 6514.18                               | -6.35         |
|            |         |           |             | 4/16/2019  | 6314              | 6508.99                               | 6514.04                               | -5.05         |
| Q19        | 489,306 | 1,535,053 | 1           | 5/9/2015   | 4876              | 6509.06                               | 6513.66                               | -4.60         |
|            |         |           |             | 8/5/2016   | 5331              | 6513.23                               | 6517.13                               | -3.90         |
|            |         |           |             | 2/28/2018  | 5902              | 6512.73                               | 6514.16                               | -1.43         |
|            |         |           |             | 8/24/2018  | 6079              | 6504.05                               | 6514.48                               | -10.43        |
|            |         |           |             | 4/16/2019  | 6314              | 6492.53                               | 6514.09                               | -21.56        |
|            |         |           |             | 8/24/2019  | 6445              | 6508.75                               | 6513.36                               | -4.61         |
|            |         |           |             | Q2         | 488,867           | 1,534,903                             | 1                                     | 11/21/2013    |
| 9/10/2014  | 4636    | 6503.55   | 6506.23     |            |                   |                                       |                                       | -2.68         |
| 10/18/2014 | 4673    | 6499.99   | 6506.16     |            |                   |                                       |                                       | -6.17         |
| 11/6/2014  | 4692    | 6498.97   | 6506.12     |            |                   |                                       |                                       | -7.15         |
| 11/14/2014 | 4700    | 6499.10   | 6506.11     |            |                   |                                       |                                       | -7.01         |
| 12/2/2014  | 4718    | 6499.44   | 6506.07     |            |                   |                                       |                                       | -6.63         |
| 12/2/2016  | 5450    | 6481.44   | 6512.02     |            |                   |                                       |                                       | -30.58        |
| 12/21/2017 | 5833    | 6476.64   | 6508.68     |            |                   |                                       |                                       | -32.04        |
| 2/22/2018  | 5897    | 6509.10   | 6509.46     |            |                   |                                       |                                       | -0.36         |
| 8/21/2018  | 6077    | 6481.15   | 6510.45     |            |                   |                                       |                                       | -29.30        |
| 1/29/2019  | 6237    | 6489.16   | 6509.28     |            |                   |                                       |                                       | -20.12        |
| 2/26/2019  | 6265    | 6480.19   | 6508.83     |            |                   |                                       |                                       | -28.64        |
| 3/26/2019  | 6293    | 6505.16   | 6508.49     |            |                   |                                       |                                       | -3.33         |
| 4/16/2019  | 6314    | 6506.97   | 6508.26     |            |                   |                                       |                                       | -1.29         |
| 8/28/2019  | 6448    | 6506.08   | 6507.21     | -1.13      |                   |                                       |                                       |               |
|            |         |           |             | 4/22/2014  | 4494              | 6509.78                               | 6514.53                               | -4.75         |
|            |         |           |             | 11/6/2014  | 4692              | 6507.34                               | 6513.98                               | -6.64         |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| Q23        | 489,534 | 1,534,851 | 1           | 11/14/2014 | 4700              | 6507.43                               | 6513.97                               | -6.54         |
|            |         |           |             | 12/2/2014  | 4718              | 6506.09                               | 6513.95                               | -7.86         |
|            |         |           |             | 12/13/2016 | 5460              | 6509.96                               | 6518.70                               | -8.74         |
|            |         |           |             | 12/6/2017  | 5818              | 6510.36                               | 6516.51                               | -6.15         |
|            |         |           |             | 2/27/2018  | 5901              | 6513.14                               | 6515.71                               | -2.57         |
|            |         |           |             | 3/2/2018   | 5905              | 6510.51                               | 6515.71                               | -5.20         |
|            |         |           |             | 8/21/2018  | 6077              | 6490.36                               | 6515.81                               | -25.45        |
|            |         |           |             | 12/27/2018 | 6204              | 6516.90                               | 6515.85                               | 1.05          |
|            |         |           |             | 1/29/2019  | 6237              | 6516.77                               | 6516.24                               | 0.53          |
|            |         |           |             | 2/26/2019  | 6265              | 6516.70                               | 6516.13                               | 0.57          |
|            |         |           |             | 3/26/2019  | 6293              | 6509.86                               | 6516.00                               | -6.14         |
|            |         |           |             | 4/16/2019  | 6314              | 6511.63                               | 6515.89                               | -4.26         |
|            |         |           |             | 4/16/2019  | 6315              | 6509.96                               | 6515.89                               | -5.93         |
|            |         |           |             | 6/25/2019  | 6384              | 6515.56                               | 6515.56                               | 0.00          |
| 12/19/2019 | 6561    | 6516.01   | 6514.78     | 1.23       |                   |                                       |                                       |               |
| Q27        | 489,727 | 1,534,861 | 1           | 5/9/2015   | 4877              | 6511.09                               | 6517.13                               | -6.04         |
|            |         |           |             | 7/17/2016  | 5311              | 6513.78                               | 6519.87                               | -6.09         |
|            |         |           |             | 2/28/2018  | 5902              | 6501.55                               | 6517.43                               | -15.88        |
|            |         |           |             | 8/21/2018  | 6077              | 6476.68                               | 6517.36                               | -40.68        |
|            |         |           |             | 1/29/2019  | 6237              | 6511.90                               | 6517.78                               | -5.88         |
|            |         |           |             | 2/26/2019  | 6265              | 6511.28                               | 6517.73                               | -6.45         |
|            |         |           |             | 3/26/2019  | 6293              | 6510.84                               | 6517.64                               | -6.80         |
|            |         |           |             | 4/16/2019  | 6314              | 6511.61                               | 6517.55                               | -5.94         |
|            |         |           |             | 6/25/2019  | 6384              | 6511.08                               | 6517.27                               | -6.19         |
| 8/24/2019  | 6444    | 6510.68   | 6517.02     | -6.34      |                   |                                       |                                       |               |
| Q29        | 489,920 | 1,535,140 | 1           | 12/20/2013 | 4372              | 6512.07                               | 6519.07                               | -7.00         |
|            |         |           |             | 9/3/2014   | 4629              | 6509.11                               | 6518.34                               | -9.23         |
|            |         |           |             | 12/1/2015  | 5082              | 6515.59                               | 6520.49                               | -4.90         |
|            |         |           |             | 12/13/2016 | 5460              | 6514.16                               | 6520.61                               | -6.45         |
|            |         |           |             | 2/28/2018  | 5902              | 6516.51                               | 6519.53                               | -3.02         |
|            |         |           |             | 12/27/2018 | 6204              | 6515.16                               | 6519.22                               | -4.06         |
|            |         |           |             | 1/29/2019  | 6237              | 6514.93                               | 6519.47                               | -4.54         |
|            |         |           |             | 2/26/2019  | 6265              | 6514.40                               | 6519.47                               | -5.07         |
|            |         |           |             | 3/26/2019  | 6293              | 6513.94                               | 6519.40                               | -5.46         |
|            |         |           |             | 6/25/2019  | 6384              | 6514.21                               | 6519.10                               | -4.89         |
|            |         |           |             | 12/18/2019 | 6561              | 6514.44                               | 6518.46                               | -4.02         |
| 12/19/2019 | 6561    | 6514.01   | 6518.46     | -4.45      |                   |                                       |                                       |               |
|            |         |           |             | 4/22/2014  | 4495              | 6511.41                               | 6516.90                               | -5.49         |
|            |         |           |             | 7/17/2016  | 5311              | 6515.46                               | 6520.01                               | -4.55         |
|            |         |           |             | 2/27/2018  | 5901              | 6499.71                               | 6517.80                               | -18.09        |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| Q30     | 489,778 | 1,534,970 | 1           | 1/29/2019  | 6237              | 6514.13                               | 6518.15                               | -4.02         |
|         |         |           |             | 2/26/2019  | 6265              | 6513.50                               | 6518.11                               | -4.61         |
|         |         |           |             | 3/26/2019  | 6293              | 6519.09                               | 6518.02                               | 1.07          |
|         |         |           |             | 4/16/2019  | 6315              | 6512.39                               | 6517.95                               | -5.56         |
|         |         |           |             | 6/25/2019  | 6384              | 6513.33                               | 6517.67                               | -4.34         |
|         |         |           |             | 8/28/2019  | 6448              | 6512.38                               | 6517.41                               | -5.03         |
| Q44     | 488,864 | 1,535,671 | 1           | 9/3/2014   | 4628              | 6504.76                               | 6517.19                               | -12.43        |
|         |         |           |             | 12/1/2015  | 5082              | 6511.53                               | 6519.01                               | -7.48         |
|         |         |           |             | 12/13/2016 | 5460              | 6507.18                               | 6519.44                               | -12.26        |
|         |         |           |             | 12/6/2017  | 5818              | 6507.36                               | 6518.11                               | -10.75        |
|         |         |           |             | 12/27/2018 | 6204              | 6507.80                               | 6517.66                               | -9.86         |
|         |         |           |             | 6/6/2019   | 6365              | 6507.50                               | 6517.24                               | -9.74         |
| Q48     | 490,120 | 1,535,653 | 1           | 12/19/2019 | 6561              | 6506.99                               | 6516.41                               | -9.42         |
|         |         |           |             | 9/3/2014   | 4629              | 6515.63                               | 6524.02                               | -8.39         |
|         |         |           |             | 12/1/2015  | 5082              | 6517.69                               | 6525.36                               | -7.67         |
|         |         |           |             | 12/13/2016 | 5460              | 6518.23                               | 6525.38                               | -7.15         |
|         |         |           |             | 12/6/2017  | 5818              | 6516.86                               | 6524.82                               | -7.96         |
|         |         |           |             | 12/27/2018 | 6204              | 6517.10                               | 6523.75                               | -6.65         |
| Q8      | 489,059 | 1,534,762 | 1           | 6/5/2019   | 6365              | 6516.53                               | 6523.52                               | -6.99         |
|         |         |           |             | 12/19/2019 | 6561              | 6516.14                               | 6522.92                               | -6.78         |
|         |         |           |             | 5/7/2015   | 4875              | 6505.72                               | 6510.18                               | -4.46         |
|         |         |           |             | 12/1/2015  | 5082              | 6511.24                               | 6512.61                               | -1.37         |
|         |         |           |             | 12/13/2016 | 5460              | 6502.20                               | 6514.01                               | -11.81        |
|         |         |           |             | 12/6/2017  | 5818              | 6505.24                               | 6510.82                               | -5.58         |
|         |         |           |             | 12/27/2018 | 6204              | 6507.10                               | 6512.21                               | -5.11         |
|         |         |           |             | 1/29/2019  | 6237              | 6505.74                               | 6511.25                               | -5.51         |
| Q9      | 489,101 | 1,534,643 | 1           | 2/26/2019  | 6265              | 6504.59                               | 6510.89                               | -6.30         |
|         |         |           |             | 3/26/2019  | 6293              | 6507.25                               | 6510.62                               | -3.37         |
|         |         |           |             | 12/19/2019 | 6561              | 6514.15                               | 6508.88                               | 5.27          |
|         |         |           |             | 11/21/2013 | 4342              | 6507.74                               | 6509.96                               | -2.22         |
|         |         |           |             | 9/5/2014   | 4631              | 6505.11                               | 6508.25                               | -3.14         |
|         |         |           |             | 11/6/2014  | 4692              | 6501.25                               | 6508.15                               | -6.90         |
|         |         |           |             | 11/14/2014 | 4700              | 6501.27                               | 6508.14                               | -6.87         |
|         |         |           |             | 12/2/2014  | 4718              | 6504.80                               | 6508.11                               | -3.31         |
|         |         |           |             | 7/9/2016   | 5304              | 6511.30                               | 6514.06                               | -2.76         |
|         |         |           |             | 8/22/2017  | 5713              | 6508.43                               | 6511.35                               | -2.92         |
|         |         |           |             | 2/27/2018  | 5902              | 6510.92                               | 6511.29                               | -0.37         |
|         |         |           |             | 4/16/2019  | 6314              | 6508.56                               | 6510.76                               | -2.20         |
|         |         |           |             | 8/27/2019  | 6448              | 6507.82                               | 6509.85                               | -2.03         |
|         |         |           |             | 5/15/2002  | 134               | 6560.49                               | 6559.47                               | 1.02          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| R          | 494,514 | 1,550,372 | 1           | 5/16/2003  | 501               | 6560.65                               | 6559.48                               | 1.17          |
|            |         |           |             | 5/19/2004  | 869               | 6560.82                               | 6559.53                               | 1.29          |
|            |         |           |             | 5/10/2005  | 1226              | 6561.03                               | 6559.66                               | 1.37          |
|            |         |           |             | 11/5/2005  | 1405              | 6561.13                               | 6559.75                               | 1.38          |
|            |         |           |             | 10/24/2006 | 1758              | 6561.23                               | 6560.03                               | 1.20          |
|            |         |           |             | 5/5/2007   | 1950              | 6561.46                               | 6560.22                               | 1.24          |
|            |         |           |             | 10/18/2007 | 2116              | 6561.53                               | 6560.40                               | 1.13          |
|            |         |           |             | 5/20/2008  | 2332              | 6561.73                               | 6560.61                               | 1.12          |
|            |         |           |             | 7/16/2009  | 2753              | 6561.95                               | 6560.98                               | 0.97          |
|            |         |           |             | 10/13/2009 | 2842              | 6562.03                               | 6561.05                               | 0.98          |
|            |         |           |             | 6/23/2010  | 3096              | 6562.12                               | 6561.26                               | 0.86          |
|            |         |           |             | 6/14/2011  | 3452              | 6562.35                               | 6561.56                               | 0.79          |
|            |         |           |             | 5/31/2012  | 3804              | 6562.47                               | 6561.80                               | 0.67          |
|            |         |           |             | 5/14/2013  | 4152              | 6562.69                               | 6561.98                               | 0.71          |
|            |         |           |             | 3/27/2015  | 4834              | 6563.22                               | 6562.65                               | 0.57          |
|            |         |           |             | 5/18/2016  | 5251              | 6563.58                               | 6563.16                               | 0.42          |
|            |         |           |             | 10/27/2016 | 5413              | 6563.71                               | 6563.33                               | 0.38          |
|            |         |           |             | 5/4/2017   | 5602              | 6563.78                               | 6563.51                               | 0.27          |
|            |         |           |             | 12/5/2017  | 5817              | 6563.88                               | 6563.65                               | 0.23          |
|            |         |           |             | 3/22/2018  | 5925              | 6564.26                               | 6563.71                               | 0.55          |
| 3/23/2018  | 5925    | 6564.24   | 6563.71     | 0.53       |                   |                                       |                                       |               |
| 6/21/2018  | 6016    | 6564.19   | 6563.74     | 0.45       |                   |                                       |                                       |               |
| 9/13/2018  | 6100    | 6564.18   | 6563.77     | 0.41       |                   |                                       |                                       |               |
| 12/4/2018  | 6182    | 6564.13   | 6563.79     | 0.34       |                   |                                       |                                       |               |
| R1         | 487,790 | 1,534,551 | 1           | 8/15/2013  | 4245              | 6499.73                               | 6498.82                               | 0.91          |
|            |         |           |             | 5/13/2015  | 4881              | 6505.38                               | 6502.19                               | 3.19          |
|            |         |           |             | 12/2/2015  | 5083              | 6508.14                               | 6505.31                               | 2.83          |
|            |         |           |             | 12/6/2017  | 5818              | 6498.20                               | 6500.81                               | -2.61         |
|            |         |           |             | 2/21/2018  | 5895              | 6489.81                               | 6501.55                               | -11.74        |
|            |         |           |             | 8/23/2018  | 6078              | 6475.82                               | 6503.45                               | -27.63        |
|            |         |           |             | 12/27/2018 | 6204              | 6505.49                               | 6504.04                               | 1.45          |
|            |         |           |             | 1/29/2019  | 6237              | 6501.47                               | 6503.44                               | -1.97         |
|            |         |           |             | 2/22/2019  | 6261              | 6499.90                               | 6502.90                               | -3.00         |
|            |         |           |             | 2/26/2019  | 6265              | 6499.69                               | 6502.82                               | -3.13         |
|            |         |           |             | 3/26/2019  | 6293              | 6499.81                               | 6502.36                               | -2.55         |
|            |         |           |             | 4/30/2019  | 6328              | 6499.92                               | 6501.85                               | -1.93         |
|            |         |           |             | 8/28/2019  | 6449              | 6500.57                               | 6500.74                               | -0.17         |
| 12/18/2019 | 6560    | 6499.27   | 6499.98     | -0.71      |                   |                                       |                                       |               |
|            |         |           |             | 11/14/2013 | 4336              | 6497.36                               | 6499.58                               | -2.22         |
|            |         |           |             | 5/15/2015  | 4882              | 6503.97                               | 6503.34                               | 0.63          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| R10        | 488,003 | 1,534,305 | 1           | 8/5/2016   | 5330              | 6493.61                               | 6503.89                               | -10.28        |
|            |         |           |             | 10/25/2016 | 5411              | 6492.29                               | 6503.77                               | -11.48        |
|            |         |           |             | 2/21/2018  | 5896              | 6496.92                               | 6503.63                               | -6.71         |
|            |         |           |             | 1/29/2019  | 6237              | 6499.74                               | 6504.19                               | -4.45         |
|            |         |           |             | 2/22/2019  | 6261              | 6498.22                               | 6503.57                               | -5.35         |
|            |         |           |             | 2/26/2019  | 6265              | 6497.55                               | 6503.49                               | -5.94         |
|            |         |           |             | 3/26/2019  | 6293              | 6497.54                               | 6503.01                               | -5.47         |
|            |         |           |             | 4/30/2019  | 6328              | 6497.27                               | 6502.50                               | -5.23         |
| R11        | 488,280 | 1,534,320 | 1           | 8/29/2019  | 6449              | 6497.17                               | 6501.38                               | -4.21         |
|            |         |           |             | 11/14/2013 | 4336              | 6496.74                               | 6500.99                               | -4.25         |
|            |         |           |             | 5/15/2015  | 4882              | 6503.06                               | 6504.29                               | -1.23         |
|            |         |           |             | 3/8/2016   | 5181              | 6505.17                               | 6505.87                               | -0.70         |
|            |         |           |             | 8/5/2016   | 5330              | 6499.92                               | 6505.27                               | -5.35         |
|            |         |           |             | 3/23/2017  | 5560              | 6500.25                               | 6503.63                               | -3.38         |
|            |         |           |             | 8/25/2017  | 5716              | 6497.95                               | 6502.46                               | -4.51         |
|            |         |           |             | 2/21/2018  | 5896              | 6495.45                               | 6504.82                               | -9.37         |
|            |         |           |             | 8/23/2018  | 6078              | 6445.34                               | 6506.66                               | -61.32        |
|            |         |           |             | 1/29/2019  | 6237              | 6490.89                               | 6505.32                               | -14.43        |
|            |         |           |             | 2/26/2019  | 6265              | 6497.55                               | 6504.60                               | -7.05         |
|            |         |           |             | 3/26/2019  | 6293              | 6497.31                               | 6504.12                               | -6.81         |
|            |         |           |             | 4/10/2019  | 6308              | 6497.30                               | 6503.89                               | -6.59         |
| 4/30/2019  | 6328    | 6497.15   | 6503.60     | -6.45      |                   |                                       |                                       |               |
| 12/18/2019 | 6561    | 6496.34   | 6501.75     | -5.41      |                   |                                       |                                       |               |
| R18        | 487,970 | 1,534,030 | 1           | 11/19/2013 | 4340              | 6493.63                               | 6497.53                               | -3.90         |
|            |         |           |             | 10/25/2016 | 5411              | 6490.52                               | 6501.72                               | -11.20        |
|            |         |           |             | 3/24/2017  | 5562              | 6490.30                               | 6500.52                               | -10.22        |
|            |         |           |             | 3/6/2018   | 5909              | 6488.99                               | 6501.46                               | -12.47        |
|            |         |           |             | 1/29/2019  | 6237              | 6498.83                               | 6502.25                               | -3.42         |
|            |         |           |             | 2/26/2019  | 6265              | 6497.95                               | 6501.59                               | -3.64         |
|            |         |           |             | 3/26/2019  | 6293              | 6493.84                               | 6501.13                               | -7.29         |
|            |         |           |             | 4/4/2019   | 6302              | 6494.01                               | 6501.00                               | -6.99         |
|            |         |           |             | 4/30/2019  | 6328              | 6493.75                               | 6500.63                               | -6.88         |
|            |         |           |             | 11/13/2019 | 6526              | 6492.70                               | 6499.00                               | -6.30         |
| R2         | 487,968 | 1,534,548 | 1           | 8/10/2013  | 4240              | 6499.87                               | 6500.13                               | -0.26         |
|            |         |           |             | 5/15/2015  | 4882              | 6504.07                               | 6503.71                               | 0.36          |
|            |         |           |             | 3/8/2016   | 5181              | 6505.21                               | 6505.20                               | 0.01          |
|            |         |           |             | 2/21/2018  | 5895              | 6499.11                               | 6503.49                               | -4.38         |
|            |         |           |             | 8/23/2018  | 6078              | 6474.82                               | 6505.38                               | -30.56        |
|            |         |           |             | 1/29/2019  | 6237              | 6464.21                               | 6504.54                               | -40.33        |
|            |         |           |             | 2/26/2019  | 6265              | 6453.10                               | 6503.83                               | -50.73        |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 3/26/2019  | 6293              | 6500.84                               | 6503.35                               | -2.51         |
|            |         |           |             | 4/10/2019  | 6308              | 6499.70                               | 6503.11                               | -3.41         |
|            |         |           |             | 4/30/2019  | 6328              | 6457.26                               | 6502.82                               | -45.56        |
|            |         |           |             | 8/29/2019  | 6449              | 6499.11                               | 6501.67                               | -2.56         |
| R20        | 488,260 | 1,534,120 | 1           | 11/19/2013 | 4341              | 6494.66                               | 6499.78                               | -5.12         |
|            |         |           |             | 5/15/2015  | 4882              | 6500.25                               | 6503.18                               | -2.93         |
|            |         |           |             | 10/22/2016 | 5409              | 6493.85                               | 6504.06                               | -10.21        |
|            |         |           |             | 12/1/2016  | 5449              | 6489.13                               | 6504.02                               | -14.89        |
|            |         |           |             | 3/24/2017  | 5562              | 6490.89                               | 6502.58                               | -11.69        |
|            |         |           |             | 3/6/2018   | 5909              | 6494.25                               | 6504.16                               | -9.91         |
|            |         |           |             | 1/29/2019  | 6237              | 6520.91                               | 6504.51                               | 16.40         |
|            |         |           |             | 2/26/2019  | 6265              | 6496.30                               | 6503.79                               | -7.49         |
|            |         |           |             | 3/26/2019  | 6293              | 6488.62                               | 6503.31                               | -14.69        |
|            |         |           |             | 4/4/2019   | 6302              | 6499.25                               | 6503.18                               | -3.93         |
|            |         |           |             | 4/30/2019  | 6328              | 6495.09                               | 6502.79                               | -7.70         |
| R22        | 488,091 | 1,533,940 | 1           | 11/20/2013 | 4341              | 6493.35                               | 6497.85                               | -4.50         |
|            |         |           |             | 5/13/2015  | 4881              | 6498.62                               | 6501.04                               | -2.42         |
|            |         |           |             | 10/25/2016 | 5411              | 6490.91                               | 6502.01                               | -11.10        |
|            |         |           |             | 3/6/2018   | 5909              | 6484.04                               | 6501.75                               | -17.71        |
|            |         |           |             | 1/29/2019  | 6237              | 6497.48                               | 6502.64                               | -5.16         |
|            |         |           |             | 2/26/2019  | 6265              | 6496.11                               | 6501.96                               | -5.85         |
|            |         |           |             | 3/26/2019  | 6293              | 6494.82                               | 6501.50                               | -6.68         |
|            |         |           |             | 4/4/2019   | 6302              | 6494.64                               | 6501.36                               | -6.72         |
| R74        | 485,502 | 1,532,852 | 1           | 4/30/2019  | 6328              | 6494.29                               | 6500.99                               | -6.70         |
|            |         |           |             | 5/14/2015  | 4881              | 6471.82                               | 6477.75                               | -5.93         |
|            |         |           |             | 12/2/2015  | 5083              | 6473.00                               | 6479.01                               | -6.01         |
|            |         |           |             | 12/6/2017  | 5818              | 6474.10                               | 6477.13                               | -3.03         |
|            |         |           |             | 12/27/2018 | 6204              | 6474.15                               | 6476.75                               | -2.60         |
| S          | 488,816 | 1,543,871 | 1           | 12/18/2019 | 6560              | 6472.65                               | 6475.40                               | -2.75         |
|            |         |           |             | 5/15/2002  | 135               | 6523.12                               | 6525.65                               | -2.53         |
|            |         |           |             | 1/13/2004  | 742               | 6525.21                               | 6528.24                               | -3.03         |
|            |         |           |             | 12/9/2004  | 1073              | 6529.14                               | 6530.07                               | -0.93         |
|            |         |           |             | 12/3/2005  | 1432              | 6528.97                               | 6533.19                               | -4.22         |
|            |         |           |             | 12/21/2006 | 1816              | 6532.22                               | 6534.06                               | -1.84         |
|            |         |           |             | 11/13/2007 | 2143              | 6531.07                               | 6533.19                               | -2.12         |
|            |         |           |             | 12/4/2008  | 2530              | 6532.32                               | 6532.92                               | -0.60         |
|            |         |           |             | 12/10/2009 | 2901              | 6535.06                               | 6533.41                               | 1.65          |
|            |         |           |             | 12/14/2010 | 3270              | 6537.52                               | 6535.36                               | 2.16          |
| 12/6/2011  | 3626    | 6539.57   | 6538.53     | 1.04       |                   |                                       |                                       |               |
| 11/14/2012 | 3970    | 6539.57   | 6539.59     | -0.02      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 12/13/2013 | 4364              | 6541.00                               | 6540.89                               | 0.11          |
|         |         |          |             | 11/25/2015 | 5076              | 6542.37                               | 6541.18                               | 1.19          |
|         |         |          |             | 12/13/2016 | 5460              | 6537.27                               | 6536.13                               | 1.14          |
|         |         |          |             | 12/6/2017  | 5818              | 6536.50                               | 6534.47                               | 2.03          |
|         |         |          |             | 12/27/2018 | 6204              | 6536.95                               | 6529.27                               | 7.68          |
|         |         |          |             | 12/18/2019 | 6560              | 6533.47                               | 6530.69                               | 2.78          |
|         |         |          |             | 2/2/2002   | 32                | 6519.23                               | 6524.90                               | -5.66         |
|         |         |          |             | 4/13/2002  | 102               | 6517.99                               | 6524.93                               | -6.93         |
|         |         |          |             | 6/22/2002  | 172               | 6517.64                               | 6524.96                               | -7.32         |
|         |         |          |             | 8/31/2002  | 242               | 6518.22                               | 6525.00                               | -6.78         |
|         |         |          |             | 11/9/2002  | 312               | 6518.17                               | 6525.03                               | -6.86         |
|         |         |          |             | 1/17/2003  | 382               | 6517.80                               | 6525.20                               | -7.40         |
|         |         |          |             | 3/28/2003  | 452               | 6517.88                               | 6525.66                               | -7.79         |
|         |         |          |             | 6/7/2003   | 522               | 6517.30                               | 6526.08                               | -8.78         |
|         |         |          |             | 8/15/2003  | 592               | 6517.52                               | 6526.38                               | -8.85         |
|         |         |          |             | 10/24/2003 | 662               | 6518.71                               | 6526.68                               | -7.97         |
|         |         |          |             | 1/2/2004   | 732               | 6519.80                               | 6526.95                               | -7.15         |
|         |         |          |             | 3/12/2004  | 802               | 6521.16                               | 6527.09                               | -5.93         |
|         |         |          |             | 5/22/2004  | 872               | 6522.19                               | 6527.21                               | -5.02         |
|         |         |          |             | 7/31/2004  | 942               | 6522.31                               | 6527.39                               | -5.08         |
|         |         |          |             | 10/6/2004  | 1010              | 6522.83                               | 6527.58                               | -4.75         |
|         |         |          |             | 12/11/2004 | 1075              | 6524.33                               | 6527.77                               | -3.44         |
|         |         |          |             | 2/18/2005  | 1145              | 6525.50                               | 6528.44                               | -2.95         |
|         |         |          |             | 4/30/2005  | 1215              | 6525.02                               | 6529.16                               | -4.14         |
|         |         |          |             | 7/9/2005   | 1285              | 6524.52                               | 6529.77                               | -5.25         |
|         |         |          |             | 9/17/2005  | 1355              | 6523.55                               | 6530.27                               | -6.72         |
|         |         |          |             | 11/26/2005 | 1425              | 6523.41                               | 6530.75                               | -7.34         |
|         |         |          |             | 2/4/2006   | 1495              | 6524.28                               | 6531.13                               | -6.85         |
|         |         |          |             | 4/14/2006  | 1565              | 6525.94                               | 6531.37                               | -5.44         |
|         |         |          |             | 6/24/2006  | 1635              | 6527.77                               | 6531.59                               | -3.83         |
|         |         |          |             | 9/2/2006   | 1705              | 6528.32                               | 6531.80                               | -3.49         |
|         |         |          |             | 11/10/2006 | 1775              | 6527.47                               | 6532.00                               | -4.53         |
|         |         |          |             | 1/20/2007  | 1845              | 6526.06                               | 6531.94                               | -5.88         |
|         |         |          |             | 3/30/2007  | 1915              | 6525.29                               | 6531.40                               | -6.11         |
|         |         |          |             | 6/9/2007   | 1985              | 6525.98                               | 6530.91                               | -4.93         |
|         |         |          |             | 8/22/2007  | 2059              | 6526.10                               | 6530.60                               | -4.51         |
|         |         |          |             | 11/2/2007  | 2132              | 6525.41                               | 6530.31                               | -4.90         |
|         |         |          |             | 1/13/2008  | 2203              | 6524.89                               | 6530.08                               | -5.20         |
|         |         |          |             | 3/28/2008  | 2279              | 6524.61                               | 6529.96                               | -5.35         |
|         |         |          |             | 6/7/2008   | 2349              | 6525.46                               | 6529.86                               | -4.40         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| S1         | 488,401 | 1,543,288 | 1           | 8/11/2008  | 2415              | 6525.82                               | 6529.78                               | -3.96         |
|            |         |           |             | 10/17/2008 | 2482              | 6526.14                               | 6529.69                               | -3.56         |
|            |         |           |             | 12/21/2008 | 2547              | 6526.63                               | 6529.62                               | -2.99         |
|            |         |           |             | 2/24/2009  | 2611              | 6527.36                               | 6529.68                               | -2.32         |
|            |         |           |             | 5/2/2009   | 2678              | 6528.84                               | 6529.77                               | -0.93         |
|            |         |           |             | 7/10/2009  | 2748              | 6529.46                               | 6529.86                               | -0.40         |
|            |         |           |             | 7/4/2011   | 3472              | 6530.96                               | 6535.31                               | -4.35         |
|            |         |           |             | 1/13/2016  | 5125              | 6534.85                               | 6538.02                               | -3.17         |
|            |         |           |             | 4/22/2016  | 5226              | 6534.67                               | 6536.95                               | -2.28         |
|            |         |           |             | 6/28/2016  | 5292              | 6534.67                               | 6536.20                               | -1.53         |
|            |         |           |             | 7/2/2019   | 6391              | 6534.79                               | 6527.88                               | 6.91          |
|            |         |           |             | 7/9/2019   | 6398              | 6534.87                               | 6527.87                               | 7.00          |
|            |         |           |             | 7/16/2019  | 6405              | 6534.69                               | 6527.86                               | 6.83          |
|            |         |           |             | 7/23/2019  | 6412              | 6534.49                               | 6527.85                               | 6.64          |
|            |         |           |             | 7/30/2019  | 6419              | 6534.81                               | 6527.84                               | 6.97          |
|            |         |           |             | 8/6/2019   | 6426              | 6534.62                               | 6527.83                               | 6.79          |
|            |         |           |             | 8/13/2019  | 6433              | 6534.56                               | 6527.82                               | 6.74          |
|            |         |           |             | 8/20/2019  | 6440              | 6534.50                               | 6527.81                               | 6.69          |
|            |         |           |             | 8/27/2019  | 6447              | 6534.79                               | 6527.80                               | 6.99          |
|            |         |           |             | 9/3/2019   | 6454              | 6534.44                               | 6527.79                               | 6.65          |
|            |         |           |             | 9/10/2019  | 6461              | 6534.44                               | 6527.78                               | 6.66          |
|            |         |           |             | 9/17/2019  | 6468              | 6534.29                               | 6527.77                               | 6.52          |
|            |         |           |             | 9/24/2019  | 6475              | 6534.22                               | 6527.76                               | 6.46          |
|            |         |           |             | 10/1/2019  | 6482              | 6534.20                               | 6527.75                               | 6.45          |
|            |         |           |             | 10/8/2019  | 6489              | 6534.13                               | 6527.74                               | 6.39          |
|            |         |           |             | 10/15/2019 | 6496              | 6534.10                               | 6527.73                               | 6.37          |
|            |         |           |             | 10/22/2019 | 6503              | 6534.09                               | 6527.72                               | 6.37          |
|            |         |           |             | 10/29/2019 | 6510              | 6534.07                               | 6527.71                               | 6.36          |
|            |         |           |             | 11/5/2019  | 6517              | 6534.03                               | 6527.70                               | 6.33          |
|            |         |           |             | 11/12/2019 | 6524              | 6534.08                               | 6527.69                               | 6.39          |
|            |         |           |             | 11/19/2019 | 6531              | 6534.06                               | 6527.68                               | 6.38          |
|            |         |           |             | 11/26/2019 | 6538              | 6534.15                               | 6527.67                               | 6.48          |
|            |         |           |             | 12/3/2019  | 6545              | 6534.12                               | 6527.66                               | 6.46          |
|            |         |           |             | 12/10/2019 | 6552              | 6534.11                               | 6527.65                               | 6.46          |
| 12/17/2019 | 6559    | 6533.94   | 6527.64     | 6.30       |                   |                                       |                                       |               |
| 12/24/2019 | 6566    | 6533.99   | 6527.63     | 6.36       |                   |                                       |                                       |               |
| 12/31/2019 | 6573    | 6534.01   | 6527.62     | 6.39       |                   |                                       |                                       |               |
|            |         |           |             | 10/19/2004 | 1023              | 6536.61                               | 6538.04                               | -1.43         |
|            |         |           |             | 12/9/2004  | 1073              | 6537.68                               | 6538.06                               | -0.38         |
|            |         |           |             | 12/14/2004 | 1079              | 6537.81                               | 6538.06                               | -0.25         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| S11        | 488,150 | 1,544,793 | 1           | 11/5/2005  | 1404              | 6541.89                               | 6538.12                               | 3.77          |
|            |         |           |             | 12/3/2005  | 1432              | 6541.22                               | 6538.15                               | 3.07          |
|            |         |           |             | 10/24/2006 | 1757              | 6544.91                               | 6538.88                               | 6.03          |
|            |         |           |             | 12/21/2006 | 1816              | 6544.54                               | 6539.01                               | 5.53          |
|            |         |           |             | 10/17/2007 | 2115              | 6545.15                               | 6538.60                               | 6.55          |
|            |         |           |             | 11/13/2007 | 2143              | 6544.49                               | 6538.55                               | 5.94          |
|            |         |           |             | 12/4/2008  | 2530              | 6544.83                               | 6538.31                               | 6.52          |
|            |         |           |             | 10/20/2009 | 2849              | 6544.18                               | 6538.40                               | 5.78          |
|            |         |           |             | 12/10/2009 | 2901              | 6543.92                               | 6538.43                               | 5.49          |
|            |         |           |             | 10/19/2010 | 3214              | 6540.59                               | 6539.94                               | 0.65          |
|            |         |           |             | 12/14/2010 | 3270              | 6541.34                               | 6540.17                               | 1.17          |
|            |         |           |             | 11/9/2011  | 3600              | 6544.69                               | 6542.03                               | 2.66          |
|            |         |           |             | 12/6/2011  | 3626              | 6544.94                               | 6542.16                               | 2.78          |
|            |         |           |             | 10/24/2012 | 3950              | 6544.73                               | 6543.52                               | 1.21          |
|            |         |           |             | 11/14/2012 | 3970              | 6544.45                               | 6543.58                               | 0.87          |
|            |         |           |             | 12/4/2013  | 4355              | 6544.91                               | 6544.68                               | 0.23          |
|            |         |           |             | 12/13/2013 | 4364              | 6544.82                               | 6544.71                               | 0.11          |
|            |         |           |             | 11/25/2015 | 5076              | 6545.98                               | 6544.13                               | 1.85          |
|            |         |           |             | 12/13/2016 | 5460              | 6544.25                               | 6542.21                               | 2.04          |
|            |         |           |             | 1/17/2017  | 5496              | 6543.81                               | 6541.98                               | 1.83          |
|            |         |           |             | 10/14/2017 | 5765              | 6540.98                               | 6540.06                               | 0.92          |
|            |         |           |             | 12/6/2017  | 5818              | 6540.79                               | 6539.76                               | 1.03          |
|            |         |           |             | 1/17/2018  | 5861              | 6542.87                               | 6539.51                               | 3.36          |
| 12/27/2018 | 6204    | 6538.04   | 6537.48     | 0.56       |                   |                                       |                                       |               |
| 1/10/2019  | 6218    | 6537.97   | 6537.40     | 0.57       |                   |                                       |                                       |               |
| 12/10/2019 | 6553    | 6537.17   | 6535.49     | 1.68       |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6537.26   | 6535.46     | 1.80       |                   |                                       |                                       |               |
| S12        | 488,628 | 1,543,297 | 1           | 12/6/2002  | 340               | 6519.65                               | 6522.79                               | -3.14         |
|            |         |           |             | 12/13/2003 | 712               | 6521.19                               | 6525.10                               | -3.91         |
|            |         |           |             | 12/9/2004  | 1073              | 6526.54                               | 6526.63                               | -0.09         |
|            |         |           |             | 12/3/2005  | 1432              | 6525.02                               | 6530.16                               | -5.14         |
|            |         |           |             | 12/21/2006 | 1816              | 6528.25                               | 6531.39                               | -3.14         |
|            |         |           |             | 11/13/2007 | 2143              | 6526.75                               | 6529.40                               | -2.65         |
|            |         |           |             | 8/6/2008   | 2410              | 6527.95                               | 6528.93                               | -0.98         |
|            |         |           |             | 8/20/2008  | 2424              | 6528.23                               | 6528.91                               | -0.68         |
|            |         |           |             | 12/4/2008  | 2530              | 6528.80                               | 6528.78                               | 0.02          |
|            |         |           |             | 12/4/2008  | 2530              | 6528.80                               | 6528.78                               | 0.02          |
|            |         |           |             | 1/27/2009  | 2583              | 6529.37                               | 6528.84                               | 0.53          |
|            |         |           |             | 2/24/2009  | 2611              | 6529.57                               | 6528.89                               | 0.68          |
|            |         |           |             | 2/24/2009  | 2612              | 6529.57                               | 6528.89                               | 0.68          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 1/13/2011  | 3299              | 6535.90                               | 6531.99                               | 3.91          |
|         |         |           |             | 1/18/2012  | 3670              | 6536.07                               | 6535.64                               | 0.43          |
|         |         |           |             | 2/11/2014  | 4424              | 6539.95                               | 6537.98                               | 1.97          |
|         |         |           |             | 2/6/2015   | 4784              | 6538.36                               | 6538.25                               | 0.11          |
|         |         |           |             | 1/18/2018  | 5862              | 6531.30                               | 6530.60                               | 0.70          |
|         |         |           |             | 1/17/2019  | 6225              | 6534.47                               | 6526.96                               | 7.51          |
| S19     | 488,682 | 1,544,172 | 1           | 4/17/2014  | 4490              | 6543.97                               | 6543.20                               | 0.77          |
|         |         |           |             | 11/25/2015 | 5076              | 6544.12                               | 6542.53                               | 1.59          |
|         |         |           |             | 12/13/2016 | 5460              | 6541.27                               | 6538.69                               | 2.58          |
|         |         |           |             | 3/23/2017  | 5560              | 6540.92                               | 6538.08                               | 2.84          |
|         |         |           |             | 12/6/2017  | 5818              | 6538.61                               | 6536.71                               | 1.90          |
|         |         |           |             | 2/15/2018  | 5890              | 6540.88                               | 6535.98                               | 4.90          |
|         |         |           |             | 12/27/2018 | 6204              | 6537.45                               | 6532.67                               | 4.78          |
|         |         |           |             | 2/20/2019  | 6260              | 6536.97                               | 6532.59                               | 4.38          |
|         |         |           |             | 12/18/2019 | 6560              | 6536.27                               | 6532.77                               | 3.50          |
|         |         |           |             | 1/31/2002  | 30                | 6523.52                               | 6525.39                               | -1.87         |
|         |         |           |             | 4/6/2002   | 95                | 6522.39                               | 6525.42                               | -3.03         |
|         |         |           |             | 6/15/2002  | 165               | 6521.84                               | 6525.45                               | -3.60         |
|         |         |           |             | 8/17/2002  | 228               | 6522.16                               | 6525.47                               | -3.31         |
|         |         |           |             | 10/26/2002 | 298               | 6522.32                               | 6525.51                               | -3.19         |
|         |         |           |             | 1/2/2003   | 367               | 6521.87                               | 6525.54                               | -3.67         |
|         |         |           |             | 3/7/2003   | 431               | 6521.95                               | 6525.93                               | -3.97         |
|         |         |           |             | 5/17/2003  | 501               | 6521.61                               | 6526.28                               | -4.67         |
|         |         |           |             | 7/21/2003  | 567               | 6521.42                               | 6526.56                               | -5.14         |
|         |         |           |             | 9/27/2003  | 634               | 6522.21                               | 6526.82                               | -4.61         |
|         |         |           |             | 12/5/2003  | 704               | 6523.60                               | 6527.08                               | -3.48         |
|         |         |           |             | 2/7/2004   | 768               | 6524.15                               | 6527.19                               | -3.04         |
|         |         |           |             | 4/16/2004  | 837               | 6525.44                               | 6527.27                               | -1.82         |
|         |         |           |             | 6/24/2004  | 905               | 6525.66                               | 6527.36                               | -1.71         |
|         |         |           |             | 8/28/2004  | 970               | 6525.78                               | 6527.52                               | -1.74         |
|         |         |           |             | 10/31/2004 | 1035              | 6526.50                               | 6527.67                               | -1.17         |
|         |         |           |             | 1/1/2005   | 1097              | 6527.72                               | 6527.85                               | -0.13         |
|         |         |           |             | 3/5/2005   | 1159              | 6528.32                               | 6528.63                               | -0.31         |
|         |         |           |             | 5/13/2005  | 1229              | 6527.72                               | 6529.31                               | -1.59         |
|         |         |           |             | 7/18/2005  | 1294              | 6527.35                               | 6529.82                               | -2.47         |
|         |         |           |             | 9/24/2005  | 1362              | 6526.43                               | 6530.28                               | -3.85         |
|         |         |           |             | 11/29/2005 | 1429              | 6526.42                               | 6530.71                               | -4.29         |
|         |         |           |             | 1/29/2006  | 1489              | 6527.17                               | 6531.06                               | -3.90         |
|         |         |           |             | 4/7/2006   | 1558              | 6528.60                               | 6531.34                               | -2.74         |
|         |         |           |             | 6/17/2006  | 1628              | 6530.54                               | 6531.57                               | -1.03         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 8/19/2006  | 1692              | 6531.18                               | 6531.77                               | -0.59         |
|         |         |          |             | 10/27/2006 | 1761              | 6530.40                               | 6531.96                               | -1.56         |
|         |         |          |             | 1/1/2007   | 1827              | 6529.09                               | 6532.14                               | -3.05         |
|         |         |          |             | 3/2/2007   | 1887              | 6528.21                               | 6531.59                               | -3.39         |
|         |         |          |             | 5/12/2007  | 1957              | 6528.72                               | 6531.07                               | -2.36         |
|         |         |          |             | 7/18/2007  | 2024              | 6529.25                               | 6530.71                               | -1.46         |
|         |         |          |             | 9/22/2007  | 2090              | 6528.95                               | 6530.44                               | -1.49         |
|         |         |          |             | 11/28/2007 | 2158              | 6528.41                               | 6530.18                               | -1.77         |
|         |         |          |             | 2/3/2008   | 2224              | 6527.95                               | 6530.00                               | -2.05         |
|         |         |          |             | 4/11/2008  | 2293              | 6528.13                               | 6529.90                               | -1.77         |
|         |         |          |             | 6/19/2008  | 2361              | 6528.58                               | 6529.80                               | -1.22         |
|         |         |          |             | 8/23/2008  | 2426              | 6528.64                               | 6529.72                               | -1.08         |
|         |         |          |             | 10/31/2008 | 2496              | 6528.98                               | 6529.63                               | -0.65         |
|         |         |          |             | 1/1/2009   | 2557              | 6529.58                               | 6529.56                               | 0.02          |
|         |         |          |             | 2/27/2009  | 2614              | 6530.32                               | 6529.62                               | 0.70          |
|         |         |          |             | 5/2/2009   | 2678              | 6531.54                               | 6529.69                               | 1.85          |
|         |         |          |             | 7/8/2009   | 2745              | 6531.89                               | 6529.77                               | 2.12          |
|         |         |          |             | 9/12/2009  | 2811              | 6531.64                               | 6529.85                               | 1.78          |
|         |         |          |             | 11/28/2009 | 2888              | 6531.94                               | 6529.95                               | 1.99          |
|         |         |          |             | 1/31/2010  | 2952              | 6532.26                               | 6530.43                               | 1.84          |
|         |         |          |             | 4/10/2010  | 3021              | 6532.85                               | 6531.18                               | 1.67          |
|         |         |          |             | 6/19/2010  | 3091              | 6533.26                               | 6531.60                               | 1.66          |
|         |         |          |             | 8/23/2010  | 3157              | 6533.14                               | 6531.98                               | 1.16          |
|         |         |          |             | 10/30/2010 | 3224              | 6533.76                               | 6532.23                               | 1.53          |
|         |         |          |             | 12/31/2010 | 3286              | 6535.18                               | 6532.46                               | 2.73          |
|         |         |          |             | 3/4/2011   | 3350              | 6535.69                               | 6533.46                               | 2.22          |
|         |         |          |             | 5/14/2011  | 3420              | 6535.19                               | 6534.33                               | 0.86          |
|         |         |          |             | 7/18/2011  | 3485              | 6534.85                               | 6534.91                               | -0.06         |
|         |         |          |             | 9/24/2011  | 3553              | 6535.45                               | 6535.39                               | 0.06          |
|         |         |          |             | 11/30/2011 | 3620              | 6536.42                               | 6535.82                               | 0.60          |
|         |         |          |             | 1/30/2012  | 3681              | 6536.49                               | 6536.21                               | 0.28          |
|         |         |          |             | 4/10/2012  | 3752              | 6536.71                               | 6536.53                               | 0.18          |
|         |         |          |             | 6/21/2012  | 3825              | 6536.87                               | 6536.82                               | 0.05          |
|         |         |          |             | 8/31/2012  | 3896              | 6536.29                               | 6537.03                               | -0.75         |
|         |         |          |             | 11/7/2012  | 3963              | 6536.12                               | 6537.23                               | -1.11         |
|         |         |          |             | 1/9/2013   | 4027              | 6537.13                               | 6537.39                               | -0.26         |
|         |         |          |             | 3/15/2013  | 4092              | 6538.03                               | 6537.53                               | 0.50          |
|         |         |          |             | 5/24/2013  | 4162              | 6538.83                               | 6537.70                               | 1.13          |
|         |         |          |             | 8/19/2013  | 4249              | 6537.75                               | 6537.97                               | -0.23         |
|         |         |          |             | 1/14/2014  | 4397              | 6539.04                               | 6538.44                               | 0.60          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| S2        | 488,299 | 1,543,127 | 1           | 3/21/2014  | 4463              | 6539.35                               | 6538.28                               | 1.07          |
|           |         |           |             | 5/30/2014  | 4533              | 6538.68                               | 6538.20                               | 0.48          |
|           |         |           |             | 8/5/2014   | 4599              | 6537.82                               | 6538.20                               | -0.37         |
|           |         |           |             | 10/23/2014 | 4678              | 6537.05                               | 6538.29                               | -1.24         |
|           |         |           |             | 1/2/2015   | 4749              | 6536.45                               | 6538.37                               | -1.92         |
|           |         |           |             | 3/14/2015  | 4821              | 6536.89                               | 6537.97                               | -1.07         |
|           |         |           |             | 5/29/2015  | 4897              | 6536.87                               | 6537.74                               | -0.87         |
|           |         |           |             | 8/10/2015  | 4970              | 6536.51                               | 6537.64                               | -1.13         |
|           |         |           |             | 10/29/2015 | 5050              | 6537.47                               | 6537.63                               | -0.16         |
|           |         |           |             | 12/31/2015 | 5113              | 6536.81                               | 6537.65                               | -0.84         |
|           |         |           |             | 3/18/2016  | 5191              | 6537.39                               | 6537.16                               | 0.23          |
|           |         |           |             | 5/29/2016  | 5262              | 6538.77                               | 6536.44                               | 2.33          |
|           |         |           |             | 11/3/2016  | 5421              | 6536.02                               | 6534.92                               | 1.10          |
|           |         |           |             | 3/23/2017  | 5561              | 6535.67                               | 6533.57                               | 2.10          |
|           |         |           |             | 6/5/2017   | 5634              | 6535.14                               | 6532.98                               | 2.16          |
|           |         |           |             | 8/31/2017  | 5722              | 6534.10                               | 6532.36                               | 1.74          |
|           |         |           |             | 11/25/2017 | 5808              | 6534.23                               | 6531.81                               | 2.43          |
|           |         |           |             | 1/2/2018   | 5845              | 6535.71                               | 6531.57                               | 4.14          |
|           |         |           |             | 1/9/2018   | 5852              | 6536.62                               | 6531.52                               | 5.10          |
|           |         |           |             | 1/16/2018  | 5859              | 6536.54                               | 6531.46                               | 5.08          |
|           |         |           |             | 1/17/2018  | 5860              | 6536.38                               | 6531.45                               | 4.93          |
|           |         |           |             | 1/23/2018  | 5866              | 6533.65                               | 6531.39                               | 2.26          |
|           |         |           |             | 1/30/2018  | 5873              | 6536.68                               | 6531.32                               | 5.36          |
|           |         |           |             | 2/6/2018   | 5880              | 6536.72                               | 6531.25                               | 5.47          |
|           |         |           |             | 2/13/2018  | 5887              | 6536.52                               | 6531.18                               | 5.34          |
|           |         |           |             | 2/21/2018  | 5895              | 6536.50                               | 6531.09                               | 5.41          |
|           |         |           |             | 2/21/2018  | 5895              | 6536.50                               | 6531.09                               | 5.41          |
|           |         |           |             | 2/27/2018  | 5901              | 6536.34                               | 6531.03                               | 5.31          |
|           |         |           |             | 3/6/2018   | 5908              | 6535.88                               | 6530.96                               | 4.92          |
|           |         |           |             | 3/13/2018  | 5915              | 6532.84                               | 6530.89                               | 1.95          |
|           |         |           |             | 3/20/2018  | 5922              | 6535.74                               | 6530.82                               | 4.92          |
|           |         |           |             | 3/27/2018  | 5929              | 6536.24                               | 6530.75                               | 5.49          |
|           |         |           |             | 4/3/2018   | 5936              | 6535.67                               | 6530.68                               | 4.99          |
| 4/10/2018 | 5943    | 6535.50   | 6530.61     | 4.89       |                   |                                       |                                       |               |
| 4/17/2018 | 5950    | 6535.34   | 6530.54     | 4.80       |                   |                                       |                                       |               |
| 4/24/2018 | 5957    | 6535.25   | 6530.47     | 4.78       |                   |                                       |                                       |               |
| 5/1/2018  | 5964    | 6535.27   | 6530.40     | 4.87       |                   |                                       |                                       |               |
| 5/8/2018  | 5971    | 6534.48   | 6530.34     | 4.14       |                   |                                       |                                       |               |
| 5/15/2018 | 5978    | 6531.33   | 6530.28     | 1.05       |                   |                                       |                                       |               |
| 5/22/2018 | 5985    | 6534.17   | 6530.21     | 3.96       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 5/29/2018  | 5992              | 6534.74                               | 6530.15                               | 4.59          |
|         |         |          |             | 6/5/2018   | 5999              | 6534.91                               | 6530.09                               | 4.82          |
|         |         |          |             | 6/12/2018  | 6006              | 6535.99                               | 6530.03                               | 5.96          |
|         |         |          |             | 6/19/2018  | 6013              | 6535.02                               | 6529.97                               | 5.05          |
|         |         |          |             | 6/26/2018  | 6020              | 6534.88                               | 6529.91                               | 4.97          |
|         |         |          |             | 7/3/2018   | 6027              | 6534.86                               | 6529.85                               | 5.01          |
|         |         |          |             | 7/10/2018  | 6034              | 6534.75                               | 6529.79                               | 4.96          |
|         |         |          |             | 7/12/2018  | 6037              | 6534.86                               | 6529.77                               | 5.09          |
|         |         |          |             | 7/17/2018  | 6041              | 6534.91                               | 6529.73                               | 5.18          |
|         |         |          |             | 7/24/2018  | 6048              | 6535.03                               | 6529.67                               | 5.36          |
|         |         |          |             | 7/31/2018  | 6055              | 6535.12                               | 6529.61                               | 5.51          |
|         |         |          |             | 8/7/2018   | 6062              | 6535.23                               | 6529.55                               | 5.68          |
|         |         |          |             | 8/14/2018  | 6069              | 6535.38                               | 6529.49                               | 5.89          |
|         |         |          |             | 8/21/2018  | 6076              | 6535.51                               | 6529.43                               | 6.08          |
|         |         |          |             | 8/28/2018  | 6083              | 6535.61                               | 6529.37                               | 6.24          |
|         |         |          |             | 9/4/2018   | 6090              | 6535.54                               | 6529.31                               | 6.23          |
|         |         |          |             | 9/11/2018  | 6097              | 6535.68                               | 6529.25                               | 6.43          |
|         |         |          |             | 9/25/2018  | 6111              | 6534.22                               | 6529.14                               | 5.08          |
|         |         |          |             | 10/2/2018  | 6118              | 6535.19                               | 6529.09                               | 6.10          |
|         |         |          |             | 10/9/2018  | 6125              | 6535.02                               | 6529.04                               | 5.98          |
|         |         |          |             | 10/16/2018 | 6132              | 6534.90                               | 6528.98                               | 5.92          |
|         |         |          |             | 10/23/2018 | 6139              | 6535.37                               | 6528.93                               | 6.44          |
|         |         |          |             | 10/30/2018 | 6146              | 6534.92                               | 6528.87                               | 6.05          |
|         |         |          |             | 11/6/2018  | 6153              | 6535.02                               | 6528.82                               | 6.20          |
|         |         |          |             | 11/13/2018 | 6160              | 6534.82                               | 6528.77                               | 6.05          |
|         |         |          |             | 11/20/2018 | 6167              | 6534.04                               | 6528.71                               | 5.33          |
|         |         |          |             | 12/4/2018  | 6181              | 6524.06                               | 6528.61                               | -4.55         |
|         |         |          |             | 12/11/2018 | 6188              | 6534.43                               | 6528.55                               | 5.88          |
|         |         |          |             | 12/18/2018 | 6195              | 6534.42                               | 6528.50                               | 5.92          |
|         |         |          |             | 1/8/2019   | 6216              | 6534.27                               | 6528.34                               | 5.93          |
|         |         |          |             | 1/9/2019   | 6218              | 6534.32                               | 6528.33                               | 5.99          |
|         |         |          |             | 1/22/2019  | 6230              | 6534.51                               | 6528.23                               | 6.28          |
|         |         |          |             | 1/29/2019  | 6237              | 6534.17                               | 6528.18                               | 5.99          |
|         |         |          |             | 2/5/2019   | 6244              | 6534.21                               | 6528.14                               | 6.07          |
|         |         |          |             | 2/12/2019  | 6251              | 6532.60                               | 6528.10                               | 4.50          |
|         |         |          |             | 2/20/2019  | 6259              | 6534.16                               | 6528.06                               | 6.10          |
|         |         |          |             | 3/5/2019   | 6272              | 6534.01                               | 6527.99                               | 6.02          |
|         |         |          |             | 3/12/2019  | 6279              | 6533.98                               | 6527.97                               | 6.01          |
|         |         |          |             | 3/19/2019  | 6286              | 6533.98                               | 6527.95                               | 6.03          |
|         |         |          |             | 4/2/2019   | 6300              | 6533.88                               | 6527.91                               | 5.97          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 4/9/2019   | 6307              | 6533.75                               | 6527.89                               | 5.86          |
|         |         |           |             | 4/16/2019  | 6314              | 6533.65                               | 6527.87                               | 5.78          |
|         |         |           |             | 4/23/2019  | 6321              | 6533.72                               | 6527.85                               | 5.87          |
|         |         |           |             | 4/30/2019  | 6328              | 6533.76                               | 6527.83                               | 5.93          |
|         |         |           |             | 5/7/2019   | 6335              | 6533.67                               | 6527.81                               | 5.86          |
|         |         |           |             | 5/14/2019  | 6342              | 6533.62                               | 6527.79                               | 5.83          |
|         |         |           |             | 6/4/2019   | 6363              | 6533.72                               | 6527.75                               | 5.97          |
|         |         |           |             | 6/11/2019  | 6370              | 6533.62                               | 6527.74                               | 5.88          |
|         |         |           |             | 7/9/2019   | 6398              | 6533.41                               | 6527.68                               | 5.73          |
|         |         |           |             | 7/23/2019  | 6412              | 6533.02                               | 6527.65                               | 5.37          |
|         |         |           |             | 7/30/2019  | 6419              | 6534.20                               | 6527.64                               | 6.56          |
|         |         |           |             | 8/2/2019   | 6422              | 6533.24                               | 6527.63                               | 5.61          |
|         |         |           |             | 8/6/2019   | 6426              | 6533.20                               | 6527.63                               | 5.57          |
|         |         |           |             | 8/13/2019  | 6433              | 6533.09                               | 6527.61                               | 5.48          |
|         |         |           |             | 8/20/2019  | 6440              | 6533.05                               | 6527.60                               | 5.45          |
|         |         |           |             | 8/27/2019  | 6447              | 6532.87                               | 6527.59                               | 5.28          |
|         |         |           |             | 9/3/2019   | 6454              | 6532.96                               | 6527.57                               | 5.39          |
|         |         |           |             | 9/10/2019  | 6461              | 6532.82                               | 6527.56                               | 5.26          |
|         |         |           |             | 9/17/2019  | 6468              | 6532.74                               | 6527.54                               | 5.20          |
|         |         |           |             | 9/24/2019  | 6475              | 6532.72                               | 6527.53                               | 5.19          |
|         |         |           |             | 10/1/2019  | 6482              | 6532.74                               | 6527.52                               | 5.22          |
|         |         |           |             | 10/8/2019  | 6489              | 6532.69                               | 6527.51                               | 5.18          |
|         |         |           |             | 10/15/2019 | 6496              | 6532.72                               | 6527.49                               | 5.23          |
|         |         |           |             | 10/22/2019 | 6503              | 6533.74                               | 6527.48                               | 6.26          |
|         |         |           |             | 10/29/2019 | 6510              | 6532.64                               | 6527.47                               | 5.17          |
|         |         |           |             | 11/5/2019  | 6517              | 6532.54                               | 6527.46                               | 5.08          |
|         |         |           |             | 11/12/2019 | 6524              | 6532.66                               | 6527.44                               | 5.22          |
|         |         |           |             | 11/19/2019 | 6531              | 6532.64                               | 6527.43                               | 5.21          |
|         |         |           |             | 11/26/2019 | 6538              | 6532.74                               | 6527.42                               | 5.32          |
|         |         |           |             | 12/3/2019  | 6545              | 6532.15                               | 6527.40                               | 4.75          |
|         |         |           |             | 12/10/2019 | 6552              | 6532.70                               | 6527.39                               | 5.31          |
|         |         |           |             | 12/17/2019 | 6559              | 6532.52                               | 6527.38                               | 5.14          |
|         |         |           |             | 12/18/2019 | 6560              | 6532.62                               | 6527.38                               | 5.24          |
|         |         |           |             | 12/24/2019 | 6566              | 6532.70                               | 6527.37                               | 5.33          |
|         |         |           |             | 12/31/2019 | 6573              | 6532.57                               | 6527.35                               | 5.22          |
| S21     | 488,670 | 1,544,896 | 1           | 4/17/2014  | 4489              | 6546.79                               | 6544.12                               | 2.67          |
|         |         |           |             | 11/25/2015 | 5076              | 6548.47                               | 6544.53                               | 3.94          |
|         |         |           |             | 12/13/2016 | 5460              | 6546.68                               | 6542.23                               | 4.45          |
|         |         |           |             | 12/6/2017  | 5818              | 6543.13                               | 6540.42                               | 2.71          |
|         |         |           |             | 12/27/2018 | 6204              | 6540.60                               | 6537.63                               | 2.97          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/18/2019 | 6560              | 6540.53                               | 6536.85                               | 3.68          |
| S3         | 488,714 | 1,542,857 | 1           | 7/17/2002  | 198               | 6517.22                               | 6523.76                               | -6.54         |
|            |         |           |             | 1/13/2004  | 742               | 6518.76                               | 6525.81                               | -7.05         |
|            |         |           |             | 12/9/2004  | 1073              | 6522.82                               | 6527.02                               | -4.20         |
|            |         |           |             | 7/12/2005  | 1289              | 6521.58                               | 6529.55                               | -7.97         |
|            |         |           |             | 12/3/2005  | 1432              | 6521.18                               | 6530.69                               | -9.51         |
|            |         |           |             | 11/28/2006 | 1793              | 6524.40                               | 6532.00                               | -7.60         |
|            |         |           |             | 12/21/2006 | 1816              | 6524.36                               | 6532.06                               | -7.70         |
|            |         |           |             | 8/15/2007  | 2052              | 6523.75                               | 6530.46                               | -6.71         |
|            |         |           |             | 11/13/2007 | 2143              | 6522.98                               | 6530.11                               | -7.13         |
|            |         |           |             | 12/4/2008  | 2530              | 6524.14                               | 6529.43                               | -5.29         |
|            |         |           |             | 7/23/2009  | 2761              | 6527.37                               | 6529.71                               | -2.34         |
|            |         |           |             | 12/10/2009 | 2901              | 6526.60                               | 6529.91                               | -3.31         |
|            |         |           |             | 12/10/2010 | 3266              | 6529.54                               | 6531.33                               | -1.79         |
|            |         |           |             | 12/14/2010 | 3270              | 6529.49                               | 6531.35                               | -1.86         |
|            |         |           |             | 11/9/2011  | 3600              | 6531.89                               | 6534.61                               | -2.72         |
|            |         |           |             | 12/6/2011  | 3626              | 6531.80                               | 6534.76                               | -2.96         |
|            |         |           |             | 11/14/2012 | 3970              | 6531.19                               | 6535.94                               | -4.75         |
|            |         |           |             | 12/12/2012 | 3999              | 6531.54                               | 6536.00                               | -4.46         |
|            |         |           |             | 12/13/2013 | 4364              | 6533.65                               | 6537.16                               | -3.51         |
|            |         |           |             | 7/30/2015  | 4958              | 6531.87                               | 6537.70                               | -5.83         |
|            |         |           |             | 11/25/2015 | 5076              | 6533.64                               | 6537.80                               | -4.16         |
|            |         |           |             | 12/13/2016 | 5460              | 6530.68                               | 6533.62                               | -2.94         |
|            |         |           |             | 7/20/2017  | 5679              | 6529.48                               | 6532.00                               | -2.52         |
| 12/6/2017  | 5818    | 6529.55   | 6531.10     | -1.55      |                   |                                       |                                       |               |
| 7/18/2018  | 6042    | 6534.41   | 6528.68     | 5.73       |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6533.43   | 6527.25     | 6.18       |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6532.18   | 6527.09     | 5.09       |                   |                                       |                                       |               |
|            |         |           |             | 3/21/2002  | 80                | 6521.78                               | 6525.69                               | -3.91         |
|            |         |           |             | 7/17/2002  | 198               | 6521.29                               | 6525.75                               | -4.46         |
|            |         |           |             | 3/11/2003  | 434               | 6521.39                               | 6526.32                               | -4.93         |
|            |         |           |             | 7/16/2003  | 562               | 6520.67                               | 6527.00                               | -6.33         |
|            |         |           |             | 3/12/2004  | 801               | 6524.49                               | 6527.76                               | -3.27         |
|            |         |           |             | 3/25/2004  | 815               | 6524.71                               | 6527.77                               | -3.06         |
|            |         |           |             | 7/8/2004   | 919               | 6525.63                               | 6527.93                               | -2.30         |
|            |         |           |             | 12/9/2004  | 1073              | 6527.59                               | 6528.31                               | -0.72         |
|            |         |           |             | 3/15/2005  | 1169              | 6529.25                               | 6529.15                               | 0.10          |
|            |         |           |             | 7/6/2005   | 1283              | 6528.17                               | 6530.14                               | -1.97         |
|            |         |           |             | 12/3/2005  | 1432              | 6526.76                               | 6531.13                               | -4.37         |
|            |         |           |             | 3/15/2006  | 1534              | 6528.49                               | 6531.59                               | -3.10         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| S4         | 488,359 | 1,543,344 | 1           | 7/25/2006  | 1667              | 6531.61                               | 6532.01                               | -0.40         |
|            |         |           |             | 12/21/2006 | 1816              | 6530.05                               | 6532.43                               | -2.38         |
|            |         |           |             | 3/20/2007  | 1904              | 6528.48                               | 6531.85                               | -3.37         |
|            |         |           |             | 7/3/2007   | 2009              | 6529.63                               | 6531.20                               | -1.57         |
|            |         |           |             | 7/17/2007  | 2023              | 6529.75                               | 6531.14                               | -1.39         |
|            |         |           |             | 11/13/2007 | 2143              | 6528.40                               | 6530.66                               | -2.26         |
|            |         |           |             | 3/11/2008  | 2262              | 6527.78                               | 6530.37                               | -2.59         |
|            |         |           |             | 7/3/2008   | 2375              | 6528.96                               | 6530.22                               | -1.26         |
|            |         |           |             | 12/4/2008  | 2530              | 6529.72                               | 6530.03                               | -0.31         |
|            |         |           |             | 3/5/2009   | 2621              | 6530.05                               | 6530.07                               | -0.02         |
|            |         |           |             | 7/14/2009  | 2752              | 6532.61                               | 6530.23                               | 2.38          |
|            |         |           |             | 12/10/2009 | 2901              | 6532.51                               | 6530.41                               | 2.10          |
|            |         |           |             | 3/9/2010   | 2989              | 6533.13                               | 6531.67                               | 1.46          |
|            |         |           |             | 8/18/2010  | 3151              | 6533.77                               | 6533.02                               | 0.75          |
|            |         |           |             | 12/14/2010 | 3270              | 6535.15                               | 6533.53                               | 1.62          |
|            |         |           |             | 3/16/2011  | 3361              | 6535.80                               | 6534.88                               | 0.92          |
|            |         |           |             | 7/6/2011   | 3473              | 6535.53                               | 6536.19                               | -0.66         |
|            |         |           |             | 12/6/2011  | 3626              | 6537.09                               | 6537.27                               | -0.18         |
|            |         |           |             | 3/14/2012  | 3726              | 6537.31                               | 6537.84                               | -0.53         |
|            |         |           |             | 7/3/2012   | 3837              | 6537.55                               | 6538.32                               | -0.77         |
|            |         |           |             | 11/14/2012 | 3970              | 6536.61                               | 6538.72                               | -2.11         |
|            |         |           |             | 3/5/2013   | 4082              | 6538.49                               | 6538.97                               | -0.48         |
|            |         |           |             | 7/10/2013  | 4208              | 6538.19                               | 6539.26                               | -1.07         |
|            |         |           |             | 12/13/2013 | 4364              | 6538.81                               | 6539.85                               | -1.04         |
|            |         |           |             | 3/20/2014  | 4461              | 6539.59                               | 6539.64                               | -0.05         |
|            |         |           |             | 7/11/2014  | 4575              | 6538.61                               | 6539.46                               | -0.85         |
|            |         |           |             | 7/23/2014  | 4586              | 6538.59                               | 6539.46                               | -0.87         |
|            |         |           |             | 7/17/2015  | 4945              | 6536.94                               | 6538.53                               | -1.59         |
|            |         |           |             | 11/25/2015 | 5076              | 6538.39                               | 6538.44                               | -0.05         |
|            |         |           |             | 1/29/2016  | 5142              | 6537.33                               | 6538.22                               | -0.89         |
|            |         |           |             | 3/16/2016  | 5188              | 6537.37                               | 6537.76                               | -0.39         |
|            |         |           |             | 7/10/2016  | 5304              | 6536.79                               | 6536.52                               | 0.27          |
|            |         |           |             | 12/13/2016 | 5460              | 6536.14                               | 6535.02                               | 1.12          |
| 3/15/2017  | 5552    | 6535.69   | 6534.19     | 1.50       |                   |                                       |                                       |               |
| 11/14/2017 | 5797    | 6534.53   | 6532.43     | 2.10       |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6534.73   | 6532.30     | 2.43       |                   |                                       |                                       |               |
| 3/23/2018  | 5925    | 6536.34   | 6531.19     | 5.15       |                   |                                       |                                       |               |
| 6/14/2018  | 6009    | 6535.59   | 6530.35     | 5.24       |                   |                                       |                                       |               |
| 7/13/2018  | 6037    | 6535.48   | 6530.09     | 5.39       |                   |                                       |                                       |               |
| 9/18/2018  | 6104    | 6535.40   | 6529.48     | 5.92       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 12/6/2018  | 6184              | 6534.79                               | 6528.85                               | 5.94          |
|         |         |          |             | 12/27/2018 | 6204              | 6534.79                               | 6528.68                               | 6.11          |
|         |         |          |             | 8/1/2019   | 6421              | 6533.82                               | 6528.19                               | 5.63          |
|         |         |          |             | 12/18/2019 | 6560              | 6533.19                               | 6527.96                               | 5.23          |
|         |         |          |             | 9/17/2004  | 991               | 6520.45                               | 6526.36                               | -5.91         |
|         |         |          |             | 11/19/2004 | 1054              | 6522.83                               | 6526.68                               | -3.85         |
|         |         |          |             | 12/22/2005 | 1452              | 6521.86                               | 6530.53                               | -8.67         |
|         |         |          |             | 4/7/2006   | 1558              | 6523.40                               | 6531.05                               | -7.65         |
|         |         |          |             | 6/17/2006  | 1628              | 6525.18                               | 6531.24                               | -6.05         |
|         |         |          |             | 8/26/2006  | 1698              | 6525.72                               | 6531.43                               | -5.71         |
|         |         |          |             | 11/3/2006  | 1768              | 6525.16                               | 6531.63                               | -6.47         |
|         |         |          |             | 1/13/2007  | 1838              | 6524.53                               | 6531.56                               | -7.04         |
|         |         |          |             | 3/23/2007  | 1908              | 6523.33                               | 6530.99                               | -7.66         |
|         |         |          |             | 6/2/2007   | 1978              | 6523.77                               | 6530.57                               | -6.79         |
|         |         |          |             | 8/11/2007  | 2048              | 6524.07                               | 6530.33                               | -6.26         |
|         |         |          |             | 10/19/2007 | 2118              | 6523.06                               | 6530.10                               | -7.04         |
|         |         |          |             | 12/29/2007 | 2188              | 6522.54                               | 6529.91                               | -7.37         |
|         |         |          |             | 3/7/2008   | 2258              | 6522.20                               | 6529.83                               | -7.63         |
|         |         |          |             | 5/17/2008  | 2328              | 6523.24                               | 6529.74                               | -6.50         |
|         |         |          |             | 7/23/2008  | 2396              | 6523.57                               | 6529.65                               | -6.09         |
|         |         |          |             | 9/27/2008  | 2461              | 6524.52                               | 6529.57                               | -5.05         |
|         |         |          |             | 12/5/2008  | 2531              | 6524.52                               | 6529.48                               | -4.96         |
|         |         |          |             | 2/13/2009  | 2601              | 6525.49                               | 6529.56                               | -4.06         |
|         |         |          |             | 4/25/2009  | 2671              | 6526.96                               | 6529.69                               | -2.73         |
|         |         |          |             | 7/3/2009   | 2741              | 6528.19                               | 6529.81                               | -1.62         |
|         |         |          |             | 9/12/2009  | 2811              | 6527.64                               | 6529.92                               | -2.28         |
|         |         |          |             | 11/20/2009 | 2881              | 6527.17                               | 6530.03                               | -2.87         |
|         |         |          |             | 2/5/2011   | 3323              | 6531.21                               | 6532.84                               | -1.63         |
|         |         |          |             | 5/28/2011  | 3434              | 6531.32                               | 6534.23                               | -2.91         |
|         |         |          |             | 8/6/2011   | 3504              | 6531.81                               | 6534.76                               | -2.95         |
|         |         |          |             | 10/14/2011 | 3574              | 6532.83                               | 6535.24                               | -2.41         |
|         |         |          |             | 12/24/2011 | 3644              | 6533.23                               | 6535.65                               | -2.42         |
|         |         |          |             | 3/2/2012   | 3714              | 6532.96                               | 6535.88                               | -2.92         |
|         |         |          |             | 5/11/2012  | 3784              | 6533.76                               | 6536.11                               | -2.34         |
|         |         |          |             | 7/20/2012  | 3854              | 6533.19                               | 6536.30                               | -3.10         |
|         |         |          |             | 9/28/2012  | 3924              | 6532.38                               | 6536.47                               | -4.09         |
|         |         |          |             | 12/8/2012  | 3994              | 6532.71                               | 6536.64                               | -3.92         |
|         |         |          |             | 2/15/2013  | 4064              | 6534.01                               | 6536.88                               | -2.87         |
|         |         |          |             | 4/27/2013  | 4134              | 6535.09                               | 6537.07                               | -1.98         |
|         |         |          |             | 10/27/2013 | 4317              | 6535.58                               | 6537.73                               | -2.15         |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| S5        | 488,923 | 1,543,269 | 1           | 3/21/2014  | 4463              | 6536.09                               | 6538.04                               | -1.96         |
|           |         |           |             | 5/30/2014  | 4533              | 6535.57                               | 6538.08                               | -2.52         |
|           |         |           |             | 2/12/2015  | 4791              | 6534.91                               | 6538.51                               | -3.60         |
|           |         |           |             | 5/1/2015   | 4869              | 6535.51                               | 6538.61                               | -3.09         |
|           |         |           |             | 12/21/2015 | 5102              | 6533.92                               | 6538.77                               | -4.85         |
|           |         |           |             | 4/15/2016  | 5219              | 6531.70                               | 6536.43                               | -4.73         |
|           |         |           |             | 6/14/2016  | 5278              | 6532.17                               | 6535.47                               | -3.29         |
|           |         |           |             | 1/2/2018   | 5845              | 6531.83                               | 6531.02                               | 0.81          |
|           |         |           |             | 1/9/2018   | 5852              | 6531.97                               | 6530.76                               | 1.21          |
|           |         |           |             | 1/16/2018  | 5859              | 6530.91                               | 6530.54                               | 0.37          |
|           |         |           |             | 1/23/2018  | 5866              | 6531.99                               | 6530.36                               | 1.63          |
|           |         |           |             | 1/30/2018  | 5873              | 6532.09                               | 6530.17                               | 1.92          |
|           |         |           |             | 2/6/2018   | 5880              | 6532.19                               | 6530.02                               | 2.17          |
|           |         |           |             | 2/13/2018  | 5887              | 6532.44                               | 6529.87                               | 2.57          |
|           |         |           |             | 2/21/2018  | 5895              | 6532.29                               | 6529.71                               | 2.58          |
|           |         |           |             | 2/27/2018  | 5901              | 6532.55                               | 6529.58                               | 2.97          |
|           |         |           |             | 3/6/2018   | 5908              | 6532.00                               | 6529.45                               | 2.55          |
|           |         |           |             | 3/13/2018  | 5915              | 6531.54                               | 6529.34                               | 2.20          |
|           |         |           |             | 3/20/2018  | 5922              | 6531.72                               | 6529.23                               | 2.49          |
|           |         |           |             | 3/27/2018  | 5929              | 6542.40                               | 6529.12                               | 13.28         |
|           |         |           |             | 4/3/2018   | 5936              | 6531.59                               | 6529.01                               | 2.58          |
|           |         |           |             | 4/10/2018  | 5943              | 6531.69                               | 6528.91                               | 2.78          |
|           |         |           |             | 4/17/2018  | 5950              | 6531.50                               | 6528.80                               | 2.70          |
|           |         |           |             | 4/24/2018  | 5957              | 6531.22                               | 6528.69                               | 2.53          |
|           |         |           |             | 5/1/2018   | 5964              | 6531.49                               | 6528.58                               | 2.91          |
|           |         |           |             | 5/8/2018   | 5971              | 6551.63                               | 6528.47                               | 23.16         |
|           |         |           |             | 5/15/2018  | 5978              | 6529.33                               | 6528.39                               | 0.94          |
|           |         |           |             | 5/22/2018  | 5985              | 6530.00                               | 6528.31                               | 1.69          |
|           |         |           |             | 5/29/2018  | 5992              | 6530.79                               | 6528.23                               | 2.56          |
|           |         |           |             | 6/5/2018   | 5999              | 6530.67                               | 6528.15                               | 2.52          |
|           |         |           |             | 6/12/2018  | 6006              | 6530.69                               | 6528.07                               | 2.62          |
|           |         |           |             | 6/19/2018  | 6013              | 6530.66                               | 6527.99                               | 2.67          |
|           |         |           |             | 6/26/2018  | 6020              | 6530.74                               | 6527.91                               | 2.83          |
| 7/3/2018  | 6027    | 6561.10   | 6527.83     | 33.27      |                   |                                       |                                       |               |
| 7/10/2018 | 6034    | 6551.57   | 6527.75     | 23.82      |                   |                                       |                                       |               |
| 7/17/2018 | 6041    | 6530.65   | 6527.67     | 2.98       |                   |                                       |                                       |               |
| 7/24/2018 | 6048    | 6530.57   | 6527.59     | 2.98       |                   |                                       |                                       |               |
| 7/31/2018 | 6055    | 6530.65   | 6527.51     | 3.14       |                   |                                       |                                       |               |
| 8/7/2018  | 6062    | 6536.00   | 6527.43     | 8.57       |                   |                                       |                                       |               |
| 8/14/2018 | 6069    | 6530.77   | 6527.35     | 3.42       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 8/21/2018  | 6076              | 6530.67                               | 6527.26                               | 3.41          |
|         |         |          |             | 8/28/2018  | 6083              | 6530.84                               | 6527.18                               | 3.66          |
|         |         |          |             | 9/4/2018   | 6090              | 6530.79                               | 6527.10                               | 3.69          |
|         |         |          |             | 9/11/2018  | 6097              | 6530.85                               | 6527.02                               | 3.83          |
|         |         |          |             | 9/18/2018  | 6104              | 6530.79                               | 6526.95                               | 3.84          |
|         |         |          |             | 9/25/2018  | 6111              | 6530.52                               | 6526.88                               | 3.64          |
|         |         |          |             | 10/2/2018  | 6118              | 6530.62                               | 6526.81                               | 3.81          |
|         |         |          |             | 10/9/2018  | 6125              | 6530.49                               | 6526.75                               | 3.74          |
|         |         |          |             | 10/16/2018 | 6132              | 6530.24                               | 6526.68                               | 3.56          |
|         |         |          |             | 10/23/2018 | 6139              | 6530.47                               | 6526.61                               | 3.86          |
|         |         |          |             | 10/30/2018 | 6146              | 6530.14                               | 6526.54                               | 3.60          |
|         |         |          |             | 11/6/2018  | 6153              | 6530.30                               | 6526.47                               | 3.83          |
|         |         |          |             | 11/13/2018 | 6160              | 6530.00                               | 6526.40                               | 3.60          |
|         |         |          |             | 11/20/2018 | 6167              | 6551.01                               | 6526.33                               | 24.68         |
|         |         |          |             | 11/27/2018 | 6174              | 6529.69                               | 6526.27                               | 3.42          |
|         |         |          |             | 12/4/2018  | 6181              | 6529.79                               | 6526.20                               | 3.59          |
|         |         |          |             | 12/11/2018 | 6188              | 6529.70                               | 6526.13                               | 3.57          |
|         |         |          |             | 12/18/2018 | 6195              | 6529.84                               | 6526.06                               | 3.78          |
|         |         |          |             | 12/20/2018 | 6197              | 6529.09                               | 6526.04                               | 3.05          |
|         |         |          |             | 1/8/2019   | 6216              | 6528.68                               | 6526.17                               | 2.51          |
|         |         |          |             | 1/15/2019  | 6223              | 6529.76                               | 6526.34                               | 3.42          |
|         |         |          |             | 1/22/2019  | 6230              | 6529.86                               | 6526.47                               | 3.39          |
|         |         |          |             | 1/29/2019  | 6237              | 6529.69                               | 6526.59                               | 3.10          |
|         |         |          |             | 2/5/2019   | 6244              | 6529.80                               | 6526.69                               | 3.11          |
|         |         |          |             | 2/12/2019  | 6251              | 6529.88                               | 6526.77                               | 3.11          |
|         |         |          |             | 2/20/2019  | 6259              | 6529.95                               | 6526.86                               | 3.09          |
|         |         |          |             | 2/26/2019  | 6265              | 6529.79                               | 6526.93                               | 2.86          |
|         |         |          |             | 3/5/2019   | 6272              | 6530.00                               | 6527.01                               | 2.99          |
|         |         |          |             | 3/12/2019  | 6279              | 6529.97                               | 6527.05                               | 2.92          |
|         |         |          |             | 3/19/2019  | 6286              | 6529.89                               | 6527.09                               | 2.80          |
|         |         |          |             | 3/26/2019  | 6293              | 6529.69                               | 6527.13                               | 2.56          |
|         |         |          |             | 4/2/2019   | 6300              | 6526.40                               | 6527.17                               | -0.77         |
|         |         |          |             | 4/9/2019   | 6307              | 6529.90                               | 6527.21                               | 2.69          |
|         |         |          |             | 4/16/2019  | 6314              | 6531.98                               | 6527.25                               | 4.73          |
|         |         |          |             | 4/23/2019  | 6321              | 6529.94                               | 6527.29                               | 2.65          |
|         |         |          |             | 4/30/2019  | 6328              | 6530.02                               | 6527.33                               | 2.69          |
|         |         |          |             | 5/7/2019   | 6335              | 6529.79                               | 6527.37                               | 2.42          |
|         |         |          |             | 5/14/2019  | 6342              | 6529.69                               | 6527.39                               | 2.30          |
|         |         |          |             | 5/21/2019  | 6349              | 6529.89                               | 6527.40                               | 2.49          |
|         |         |          |             | 5/29/2019  | 6357              | 6529.84                               | 6527.42                               | 2.42          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 6/4/2019   | 6363              | 6529.95                               | 6527.43                               | 2.52          |
|         |         |           |             | 6/11/2019  | 6370              | 6529.79                               | 6527.44                               | 2.35          |
|         |         |           |             | 7/2/2019   | 6391              | 6529.34                               | 6527.48                               | 1.86          |
|         |         |           |             | 7/9/2019   | 6398              | 6529.50                               | 6527.49                               | 2.01          |
|         |         |           |             | 7/16/2019  | 6405              | 6529.29                               | 6527.51                               | 1.78          |
|         |         |           |             | 7/23/2019  | 6412              | 6529.09                               | 6527.52                               | 1.57          |
|         |         |           |             | 7/30/2019  | 6419              | 6529.26                               | 6527.53                               | 1.73          |
|         |         |           |             | 8/6/2019   | 6426              | 6529.24                               | 6527.54                               | 1.70          |
|         |         |           |             | 8/13/2019  | 6433              | 6529.17                               | 6527.56                               | 1.61          |
|         |         |           |             | 8/20/2019  | 6440              | 6529.14                               | 6527.57                               | 1.57          |
|         |         |           |             | 8/27/2019  | 6447              | 6529.45                               | 6527.58                               | 1.87          |
|         |         |           |             | 9/3/2019   | 6454              | 6529.17                               | 6527.59                               | 1.58          |
|         |         |           |             | 9/10/2019  | 6461              | 6529.34                               | 6527.61                               | 1.73          |
|         |         |           |             | 9/17/2019  | 6468              | 6529.19                               | 6527.61                               | 1.58          |
|         |         |           |             | 9/24/2019  | 6475              | 6528.99                               | 6527.62                               | 1.37          |
|         |         |           |             | 10/1/2019  | 6482              | 6528.98                               | 6527.62                               | 1.36          |
|         |         |           |             | 10/8/2019  | 6489              | 6528.87                               | 6527.62                               | 1.25          |
|         |         |           |             | 10/15/2019 | 6496              | 6528.82                               | 6527.62                               | 1.20          |
|         |         |           |             | 10/22/2019 | 6503              | 6528.85                               | 6527.62                               | 1.23          |
|         |         |           |             | 10/29/2019 | 6510              | 6528.85                               | 6527.62                               | 1.23          |
|         |         |           |             | 11/5/2019  | 6517              | 6528.73                               | 6527.62                               | 1.11          |
|         |         |           |             | 11/12/2019 | 6524              | 6528.74                               | 6527.63                               | 1.11          |
|         |         |           |             | 11/19/2019 | 6531              | 6528.63                               | 6527.63                               | 1.00          |
|         |         |           |             | 11/26/2019 | 6538              | 6528.76                               | 6527.63                               | 1.13          |
|         |         |           |             | 12/3/2019  | 6545              | 6528.62                               | 6527.63                               | 0.99          |
|         |         |           |             | 12/10/2019 | 6552              | 6528.67                               | 6527.63                               | 1.04          |
|         |         |           |             | 12/17/2019 | 6559              | 6528.66                               | 6527.63                               | 1.03          |
|         |         |           |             | 12/24/2019 | 6566              | 6528.69                               | 6527.64                               | 1.05          |
|         |         |           |             | 12/31/2019 | 6573              | 6528.57                               | 6527.64                               | 0.93          |
|         |         |           |             | 1/27/2009  | 2583              | 6529.09                               | 6528.81                               | 0.28          |
|         |         |           |             | 3/21/2009  | 2637              | 6530.07                               | 6528.90                               | 1.17          |
|         |         |           |             | 6/3/2009   | 2711              | 6532.23                               | 6529.02                               | 3.22          |
|         |         |           |             | 9/7/2009   | 2806              | 6531.61                               | 6529.15                               | 2.45          |
|         |         |           |             | 10/4/2010  | 3199              | 6533.15                               | 6531.12                               | 2.04          |
|         |         |           |             | 1/24/2011  | 3310              | 6535.73                               | 6532.20                               | 3.53          |
|         |         |           |             | 4/1/2011   | 3378              | 6534.76                               | 6533.18                               | 1.58          |
|         |         |           |             | 6/11/2011  | 3448              | 6534.95                               | 6534.07                               | 0.89          |
|         |         |           |             | 8/20/2011  | 3518              | 6535.28                               | 6534.57                               | 0.71          |
|         |         |           |             | 10/28/2011 | 3588              | 6536.14                               | 6535.08                               | 1.06          |
|         |         |           |             | 1/7/2012   | 3658              | 6536.66                               | 6535.45                               | 1.21          |
| SE6     | 488 615 | 1 543 244 | 1           |            |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 020     | 700,010 | 1,070,477 | 1           | 3/16/2012  | 3728              | 6536.43                               | 6535.74                               | 0.69          |
|         |         |           |             | 5/25/2012  | 3798              | 6537.64                               | 6536.01                               | 1.63          |
|         |         |           |             | 8/3/2012   | 3868              | 6536.42                               | 6536.22                               | 0.20          |
|         |         |           |             | 10/12/2012 | 3938              | 6535.58                               | 6536.41                               | -0.84         |
|         |         |           |             | 12/22/2012 | 4008              | 6536.37                               | 6536.59                               | -0.22         |
|         |         |           |             | 7/10/2014  | 4573              | 6537.07                               | 6537.80                               | -0.73         |
|         |         |           |             | 1/26/2016  | 5139              | 6537.41                               | 6537.44                               | -0.03         |
|         |         |           |             | 1/18/2017  | 5496              | 6535.49                               | 6533.24                               | 2.25          |
|         |         |           |             | 11/14/2017 | 5797              | 6534.04                               | 6531.25                               | 2.79          |
|         |         |           |             | 1/17/2018  | 5860              | 6535.65                               | 6530.60                               | 5.05          |
|         |         |           |             | 1/16/2019  | 6225              | 6534.78                               | 6527.00                               | 7.78          |
| 021     | 700,010 | 1,070,477 | 1           | 4/2/2009   | 2649              | 6535.55                               | 6532.03                               | 3.52          |
|         |         |           |             | 12/27/2009 | 2918              | 6535.96                               | 6532.37                               | 3.59          |
|         |         |           |             | 3/6/2010   | 2986              | 6536.45                               | 6533.42                               | 3.03          |
|         |         |           |             | 5/15/2010  | 3056              | 6536.38                               | 6534.15                               | 2.23          |
|         |         |           |             | 7/24/2010  | 3126              | 6536.84                               | 6534.76                               | 2.08          |
|         |         |           |             | 10/2/2010  | 3196              | 6536.95                               | 6535.18                               | 1.76          |
|         |         |           |             | 12/7/2010  | 3263              | 6538.27                               | 6535.51                               | 2.76          |
|         |         |           |             | 2/11/2011  | 3329              | 6539.36                               | 6536.45                               | 2.91          |
|         |         |           |             | 4/22/2011  | 3399              | 6538.57                               | 6537.38                               | 1.18          |
|         |         |           |             | 7/2/2011   | 3469              | 6538.58                               | 6538.15                               | 0.42          |
|         |         |           |             | 9/10/2011  | 3539              | 6538.99                               | 6538.67                               | 0.32          |
|         |         |           |             | 11/18/2011 | 3609              | 6540.15                               | 6539.15                               | 0.99          |
|         |         |           |             | 1/28/2012  | 3679              | 6540.51                               | 6539.57                               | 0.95          |
|         |         |           |             | 4/6/2012   | 3749              | 6540.84                               | 6539.88                               | 0.95          |
|         |         |           |             | 6/15/2012  | 3819              | 6541.09                               | 6540.18                               | 0.91          |
|         |         |           |             | 8/24/2012  | 3889              | 6540.18                               | 6540.39                               | -0.21         |
|         |         |           |             | 11/2/2012  | 3959              | 6539.89                               | 6540.60                               | -0.71         |
|         |         |           |             | 1/6/2013   | 4023              | 6540.53                               | 6540.76                               | -0.23         |
|         |         |           |             | 3/15/2013  | 4092              | 6541.46                               | 6540.91                               | 0.55          |
|         |         |           |             | 5/21/2013  | 4158              | 6542.26                               | 6541.05                               | 1.21          |
|         |         |           |             | 8/18/2013  | 4247              | 6541.15                               | 6541.31                               | -0.16         |
|         |         |           |             | 1/24/2014  | 4407              | 6542.39                               | 6541.75                               | 0.64          |
|         |         |           |             | 4/4/2014   | 4477              | 6542.74                               | 6541.64                               | 1.10          |
|         |         |           |             | 6/8/2014   | 4542              | 6542.27                               | 6541.55                               | 0.72          |
|         |         |           |             | 8/19/2014  | 4614              | 6542.04                               | 6541.55                               | 0.49          |
|         |         |           |             | 11/7/2014  | 4694              | 6541.61                               | 6541.64                               | -0.03         |
|         |         |           |             | 1/16/2015  | 4764              | 6541.56                               | 6541.59                               | -0.03         |
|         |         |           |             | 3/27/2015  | 4834              | 6541.49                               | 6541.15                               | 0.33          |
|         |         |           |             | 5/31/2015  | 4899              | 6541.61                               | 6540.81                               | 0.80          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 8/18/2015  | 4977              | 6541.07                               | 6540.56                               | 0.51          |
|         |         |          |             | 11/6/2015  | 5058              | 6541.41                               | 6540.48                               | 0.93          |
|         |         |          |             | 1/15/2016  | 5128              | 6540.91                               | 6540.33                               | 0.58          |
|         |         |          |             | 3/25/2016  | 5198              | 6540.50                               | 6539.38                               | 1.12          |
|         |         |          |             | 6/5/2016   | 5269              | 6539.62                               | 6538.46                               | 1.16          |
|         |         |          |             | 12/27/2016 | 5474              | 6539.14                               | 6536.21                               | 2.93          |
|         |         |          |             | 4/13/2017  | 5581              | 6538.75                               | 6535.55                               | 3.20          |
|         |         |          |             | 6/16/2017  | 5646              | 6538.61                               | 6535.14                               | 3.47          |
|         |         |          |             | 8/27/2017  | 5718              | 6537.52                               | 6534.68                               | 2.84          |
|         |         |          |             | 11/12/2017 | 5795              | 6537.41                               | 6534.21                               | 3.20          |
|         |         |          |             | 12/26/2017 | 5838              | 6537.87                               | 6533.95                               | 3.92          |
|         |         |          |             | 1/2/2018   | 5845              | 6538.47                               | 6533.91                               | 4.56          |
|         |         |          |             | 1/9/2018   | 5852              | 6538.50                               | 6533.79                               | 4.71          |
|         |         |          |             | 1/16/2018  | 5859              | 6537.83                               | 6533.65                               | 4.18          |
|         |         |          |             | 1/23/2018  | 5866              | 6538.56                               | 6533.52                               | 5.04          |
|         |         |          |             | 1/30/2018  | 5873              | 6538.64                               | 6533.38                               | 5.26          |
|         |         |          |             | 2/6/2018   | 5880              | 6538.64                               | 6533.26                               | 5.38          |
|         |         |          |             | 2/13/2018  | 5887              | 6538.64                               | 6533.14                               | 5.50          |
|         |         |          |             | 2/21/2018  | 5895              | 6538.61                               | 6533.01                               | 5.60          |
|         |         |          |             | 2/27/2018  | 5901              | 6538.49                               | 6532.91                               | 5.58          |
|         |         |          |             | 3/6/2018   | 5908              | 6538.23                               | 6532.80                               | 5.43          |
|         |         |          |             | 3/13/2018  | 5915              | 6537.78                               | 6532.70                               | 5.08          |
|         |         |          |             | 3/20/2018  | 5922              | 6537.95                               | 6532.61                               | 5.34          |
|         |         |          |             | 3/27/2018  | 5929              | 6538.00                               | 6532.51                               | 5.49          |
|         |         |          |             | 4/3/2018   | 5936              | 6537.89                               | 6532.42                               | 5.47          |
|         |         |          |             | 4/10/2018  | 5943              | 6537.69                               | 6532.32                               | 5.37          |
|         |         |          |             | 4/17/2018  | 5950              | 6537.64                               | 6532.23                               | 5.41          |
|         |         |          |             | 4/24/2018  | 5957              | 6537.44                               | 6532.13                               | 5.31          |
|         |         |          |             | 5/1/2018   | 5964              | 6537.49                               | 6532.04                               | 5.45          |
|         |         |          |             | 5/3/2018   | 5966              | 6534.26                               | 6532.00                               | 2.26          |
|         |         |          |             | 5/8/2018   | 5971              | 6537.10                               | 6531.94                               | 5.16          |
|         |         |          |             | 5/15/2018  | 5978              | 6531.83                               | 6531.87                               | -0.04         |
|         |         |          |             | 5/22/2018  | 5985              | 6535.99                               | 6531.79                               | 4.20          |
|         |         |          |             | 5/29/2018  | 5992              | 6536.86                               | 6531.72                               | 5.14          |
|         |         |          |             | 6/5/2018   | 5999              | 6537.00                               | 6531.65                               | 5.35          |
|         |         |          |             | 6/12/2018  | 6006              | 6534.93                               | 6531.57                               | 3.36          |
|         |         |          |             | 6/19/2018  | 6013              | 6536.84                               | 6531.50                               | 5.34          |
|         |         |          |             | 6/26/2018  | 6020              | 6534.79                               | 6531.43                               | 3.36          |
|         |         |          |             | 7/3/2018   | 6027              | 6536.87                               | 6531.35                               | 5.52          |
|         |         |          |             | 7/10/2018  | 6034              | 6536.81                               | 6531.28                               | 5.53          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| SM        | 488,566 | 1,543,748 | 1           | 7/17/2018  | 6041              | 6536.80                               | 6531.21                               | 5.59          |
|           |         |           |             | 7/24/2018  | 6048              | 6536.74                               | 6531.13                               | 5.61          |
|           |         |           |             | 7/31/2018  | 6055              | 6536.78                               | 6531.06                               | 5.72          |
|           |         |           |             | 8/7/2018   | 6062              | 6536.81                               | 6530.99                               | 5.82          |
|           |         |           |             | 8/14/2018  | 6069              | 6536.91                               | 6530.91                               | 6.00          |
|           |         |           |             | 8/21/2018  | 6076              | 6536.92                               | 6530.84                               | 6.08          |
|           |         |           |             | 8/28/2018  | 6083              | 6537.04                               | 6530.77                               | 6.27          |
|           |         |           |             | 9/4/2018   | 6090              | 6537.04                               | 6530.69                               | 6.35          |
|           |         |           |             | 9/11/2018  | 6097              | 6537.00                               | 6530.62                               | 6.38          |
|           |         |           |             | 9/18/2018  | 6104              | 6536.40                               | 6530.56                               | 5.84          |
|           |         |           |             | 9/25/2018  | 6111              | 6536.79                               | 6530.49                               | 6.30          |
|           |         |           |             | 10/2/2018  | 6118              | 6536.84                               | 6530.43                               | 6.41          |
|           |         |           |             | 10/9/2018  | 6125              | 6536.64                               | 6530.37                               | 6.27          |
|           |         |           |             | 10/16/2018 | 6132              | 6536.54                               | 6530.30                               | 6.24          |
|           |         |           |             | 10/23/2018 | 6139              | 6536.72                               | 6530.24                               | 6.48          |
|           |         |           |             | 10/30/2018 | 6146              | 6536.54                               | 6530.18                               | 6.36          |
|           |         |           |             | 11/6/2018  | 6153              | 6536.55                               | 6530.12                               | 6.43          |
|           |         |           |             | 11/13/2018 | 6160              | 6536.36                               | 6530.05                               | 6.31          |
|           |         |           |             | 11/20/2018 | 6167              | 6535.83                               | 6529.99                               | 5.84          |
|           |         |           |             | 11/27/2018 | 6174              | 6536.01                               | 6529.93                               | 6.08          |
|           |         |           |             | 12/4/2018  | 6181              | 6536.13                               | 6529.87                               | 6.26          |
|           |         |           |             | 12/11/2018 | 6188              | 6536.10                               | 6529.80                               | 6.30          |
|           |         |           |             | 12/18/2018 | 6195              | 6536.11                               | 6529.74                               | 6.37          |
|           |         |           |             | 12/20/2018 | 6197              | 6535.12                               | 6529.72                               | 5.40          |
|           |         |           |             | 1/8/2019   | 6216              | 6535.83                               | 6529.60                               | 6.23          |
|           |         |           |             | 1/15/2019  | 6223              | 6535.84                               | 6529.63                               | 6.21          |
|           |         |           |             | 1/22/2019  | 6230              | 6536.02                               | 6529.66                               | 6.36          |
|           |         |           |             | 1/29/2019  | 6237              | 6535.81                               | 6529.69                               | 6.12          |
|           |         |           |             | 2/5/2019   | 6244              | 6535.79                               | 6529.72                               | 6.07          |
|           |         |           |             | 2/12/2019  | 6251              | 6535.91                               | 6529.74                               | 6.17          |
|           |         |           |             | 2/20/2019  | 6259              | 6535.85                               | 6529.77                               | 6.08          |
|           |         |           |             | 2/26/2019  | 6265              | 6535.58                               | 6529.79                               | 5.79          |
| 3/5/2019  | 6272    | 6535.76   | 6529.82     | 5.94       |                   |                                       |                                       |               |
| 3/12/2019 | 6279    | 6535.63   | 6529.83     | 5.80       |                   |                                       |                                       |               |
| 3/19/2019 | 6286    | 6535.68   | 6529.84     | 5.84       |                   |                                       |                                       |               |
| 3/26/2019 | 6293    | 6535.44   | 6529.85     | 5.59       |                   |                                       |                                       |               |
| 4/2/2019  | 6300    | 6536.18   | 6529.86     | 6.32       |                   |                                       |                                       |               |
| 4/9/2019  | 6307    | 6535.55   | 6529.88     | 5.67       |                   |                                       |                                       |               |
| 4/16/2019 | 6314    | 6535.59   | 6529.89     | 5.70       |                   |                                       |                                       |               |
| 4/23/2019 | 6321    | 6535.49   | 6529.90     | 5.59       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 4/30/2019  | 6328              | 6535.50                               | 6529.91                               | 5.59          |
|         |         |          |             | 5/7/2019   | 6335              | 6535.44                               | 6529.92                               | 5.52          |
|         |         |          |             | 5/8/2019   | 6336              | 6535.44                               | 6529.93                               | 5.51          |
|         |         |          |             | 5/14/2019  | 6342              | 6535.34                               | 6529.93                               | 5.41          |
|         |         |          |             | 5/21/2019  | 6349              | 6535.44                               | 6529.92                               | 5.52          |
|         |         |          |             | 5/29/2019  | 6357              | 6535.34                               | 6529.92                               | 5.42          |
|         |         |          |             | 6/4/2019   | 6363              | 6535.42                               | 6529.92                               | 5.50          |
|         |         |          |             | 6/11/2019  | 6370              | 6535.19                               | 6529.92                               | 5.27          |
|         |         |          |             | 7/2/2019   | 6391              | 6535.14                               | 6529.92                               | 5.22          |
|         |         |          |             | 7/9/2019   | 6398              | 6535.23                               | 6529.92                               | 5.31          |
|         |         |          |             | 7/16/2019  | 6405              | 6535.19                               | 6529.92                               | 5.27          |
|         |         |          |             | 7/23/2019  | 6412              | 6535.04                               | 6529.92                               | 5.12          |
|         |         |          |             | 7/30/2019  | 6419              | 6535.11                               | 6529.92                               | 5.19          |
|         |         |          |             | 8/6/2019   | 6426              | 6535.11                               | 6529.92                               | 5.19          |
|         |         |          |             | 8/13/2019  | 6433              | 6535.05                               | 6529.92                               | 5.13          |
|         |         |          |             | 8/20/2019  | 6440              | 6535.00                               | 6529.92                               | 5.08          |
|         |         |          |             | 8/27/2019  | 6447              | 6534.42                               | 6529.92                               | 4.50          |
|         |         |          |             | 9/3/2019   | 6454              | 6534.98                               | 6529.92                               | 5.06          |
|         |         |          |             | 9/10/2019  | 6461              | 6534.94                               | 6529.92                               | 5.02          |
|         |         |          |             | 9/17/2019  | 6468              | 6534.74                               | 6529.91                               | 4.83          |
|         |         |          |             | 9/24/2019  | 6475              | 6534.74                               | 6529.91                               | 4.83          |
|         |         |          |             | 10/1/2019  | 6482              | 6534.72                               | 6529.90                               | 4.82          |
|         |         |          |             | 10/8/2019  | 6489              | 6534.60                               | 6529.90                               | 4.70          |
|         |         |          |             | 10/15/2019 | 6496              | 6534.56                               | 6529.89                               | 4.67          |
|         |         |          |             | 10/22/2019 | 6503              | 6534.53                               | 6529.88                               | 4.65          |
|         |         |          |             | 10/29/2019 | 6510              | 6534.55                               | 6529.88                               | 4.67          |
|         |         |          |             | 11/5/2019  | 6517              | 6534.52                               | 6529.87                               | 4.65          |
|         |         |          |             | 11/12/2019 | 6524              | 6534.53                               | 6529.87                               | 4.66          |
|         |         |          |             | 11/19/2019 | 6531              | 6534.51                               | 6529.86                               | 4.65          |
|         |         |          |             | 11/26/2019 | 6538              | 6534.61                               | 6529.86                               | 4.75          |
|         |         |          |             | 12/3/2019  | 6545              | 6534.37                               | 6529.85                               | 4.52          |
|         |         |          |             | 12/10/2019 | 6552              | 6534.57                               | 6529.84                               | 4.73          |
|         |         |          |             | 12/17/2019 | 6559              | 6534.38                               | 6529.84                               | 4.54          |
|         |         |          |             | 12/24/2019 | 6566              | 6534.59                               | 6529.83                               | 4.76          |
|         |         |          |             | 12/31/2019 | 6573              | 6534.52                               | 6529.83                               | 4.69          |
|         |         |          |             | 11/6/2009  | 2867              | 6534.57                               | 6532.03                               | 2.54          |
|         |         |          |             | 1/9/2010   | 2930              | 6534.78                               | 6532.16                               | 2.62          |
|         |         |          |             | 3/20/2010  | 3000              | 6535.55                               | 6532.92                               | 2.63          |
|         |         |          |             | 5/29/2010  | 3070              | 6535.56                               | 6533.39                               | 2.17          |
|         |         |          |             | 8/7/2010   | 3140              | 6536.30                               | 6533.86                               | 2.44          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 10/16/2010 | 3210              | 6536.58                               | 6534.18                               | 2.40          |
|         |         |          |             | 12/20/2010 | 3276              | 6537.83                               | 6534.46                               | 3.36          |
|         |         |          |             | 2/25/2011  | 3343              | 6538.64                               | 6535.66                               | 2.99          |
|         |         |          |             | 5/8/2011   | 3414              | 6538.10                               | 6536.54                               | 1.56          |
|         |         |          |             | 7/22/2011  | 3490              | 6538.21                               | 6537.22                               | 0.99          |
|         |         |          |             | 10/1/2011  | 3560              | 6538.81                               | 6537.70                               | 1.10          |
|         |         |          |             | 12/6/2011  | 3627              | 6539.69                               | 6538.12                               | 1.57          |
|         |         |          |             | 2/10/2012  | 3693              | 6539.89                               | 6538.42                               | 1.47          |
|         |         |          |             | 4/20/2012  | 3763              | 6540.10                               | 6538.68                               | 1.42          |
|         |         |          |             | 6/29/2012  | 3833              | 6540.37                               | 6538.92                               | 1.45          |
|         |         |          |             | 9/7/2012   | 3903              | 6539.43                               | 6539.10                               | 0.33          |
|         |         |          |             | 11/13/2012 | 3970              | 6539.32                               | 6539.28                               | 0.04          |
|         |         |          |             | 1/19/2013  | 4036              | 6540.27                               | 6539.48                               | 0.78          |
|         |         |          |             | 3/29/2013  | 4106              | 6541.15                               | 6539.67                               | 1.48          |
|         |         |          |             | 6/8/2013   | 4176              | 6541.59                               | 6539.85                               | 1.74          |
|         |         |          |             | 10/9/2013  | 4299              | 6540.64                               | 6540.30                               | 0.34          |
|         |         |          |             | 2/7/2014   | 4421              | 6541.95                               | 6540.63                               | 1.32          |
|         |         |          |             | 4/18/2014  | 4491              | 6542.32                               | 6540.63                               | 1.69          |
|         |         |          |             | 6/27/2014  | 4561              | 6541.81                               | 6540.64                               | 1.17          |
|         |         |          |             | 9/14/2014  | 4639              | 6541.48                               | 6540.72                               | 0.76          |
|         |         |          |             | 11/28/2014 | 4715              | 6541.17                               | 6540.82                               | 0.35          |
|         |         |          |             | 2/6/2015   | 4785              | 6541.27                               | 6540.82                               | 0.45          |
|         |         |          |             | 4/17/2015  | 4855              | 6541.41                               | 6540.66                               | 0.75          |
|         |         |          |             | 6/27/2015  | 4926              | 6540.90                               | 6540.52                               | 0.38          |
|         |         |          |             | 9/22/2015  | 5012              | 6541.06                               | 6540.43                               | 0.63          |
|         |         |          |             | 11/30/2015 | 5081              | 6541.43                               | 6540.42                               | 1.01          |
|         |         |          |             | 2/19/2016  | 5163              | 6540.10                               | 6539.50                               | 0.59          |
|         |         |          |             | 4/29/2016  | 5233              | 6538.81                               | 6538.36                               | 0.45          |
|         |         |          |             | 8/5/2016   | 5331              | 6538.50                               | 6536.99                               | 1.51          |
|         |         |          |             | 2/21/2017  | 5530              | 6538.66                               | 6535.25                               | 3.41          |
|         |         |          |             | 5/5/2017   | 5604              | 6538.63                               | 6534.90                               | 3.73          |
|         |         |          |             | 7/14/2017  | 5674              | 6537.92                               | 6534.50                               | 3.43          |
|         |         |          |             | 9/22/2017  | 5744              | 6537.29                               | 6534.09                               | 3.20          |
|         |         |          |             | 11/28/2017 | 5810              | 6537.10                               | 6533.71                               | 3.40          |
|         |         |          |             | 1/2/2018   | 5845              | 6538.77                               | 6533.47                               | 5.30          |
|         |         |          |             | 1/9/2018   | 5852              | 6538.86                               | 6533.19                               | 5.67          |
|         |         |          |             | 1/16/2018  | 5859              | 6538.11                               | 6532.98                               | 5.13          |
|         |         |          |             | 1/23/2018  | 5866              | 6538.91                               | 6532.80                               | 6.11          |
|         |         |          |             | 1/30/2018  | 5873              | 6538.99                               | 6532.63                               | 6.36          |
|         |         |          |             | 2/6/2018   | 5880              | 6539.11                               | 6532.47                               | 6.64          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date      | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|-----------|-------------------|---------------------------------------|---------------------------------------|---------------|
| SN         | 488,716 | 1,543,752 | 1           | 2/13/2018 | 5887              | 6539.06                               | 6532.33                               | 6.73          |
|            |         |           |             | 2/21/2018 | 5895              | 6539.04                               | 6532.17                               | 6.87          |
|            |         |           |             | 2/27/2018 | 5901              | 6538.95                               | 6532.04                               | 6.91          |
|            |         |           |             | 3/6/2018  | 5908              | 6538.66                               | 6531.90                               | 6.76          |
|            |         |           |             | 3/13/2018 | 5915              | 6538.38                               | 6531.80                               | 6.58          |
|            |         |           |             | 3/20/2018 | 5922              | 6538.48                               | 6531.69                               | 6.79          |
|            |         |           |             | 3/27/2018 | 5929              | 6538.67                               | 6531.58                               | 7.09          |
|            |         |           |             | 4/3/2018  | 5936              | 6538.40                               | 6531.47                               | 6.93          |
|            |         |           |             | 4/10/2018 | 5943              | 6538.23                               | 6531.36                               | 6.87          |
|            |         |           |             | 4/17/2018 | 5950              | 6538.17                               | 6531.25                               | 6.92          |
|            |         |           |             | 4/24/2018 | 5957              | 6538.45                               | 6531.15                               | 7.30          |
|            |         |           |             | 5/1/2018  | 5964              | 6538.57                               | 6531.04                               | 7.53          |
|            |         |           |             | 5/8/2018  | 5971              | 6537.40                               | 6530.93                               | 6.47          |
|            |         |           |             | 5/15/2018 | 5978              | 6534.08                               | 6530.85                               | 3.23          |
|            |         |           |             | 5/22/2018 | 5985              | 6537.16                               | 6530.77                               | 6.39          |
|            |         |           |             | 5/29/2018 | 5992              | 6537.96                               | 6530.69                               | 7.27          |
|            |         |           |             | 6/5/2018  | 5999              | 6537.61                               | 6530.61                               | 7.00          |
|            |         |           |             | 6/12/2018 | 6006              | 6535.50                               | 6530.53                               | 4.97          |
|            |         |           |             | 6/19/2018 | 6013              | 6537.41                               | 6530.45                               | 6.96          |
|            |         |           |             | 6/26/2018 | 6020              | 6537.80                               | 6530.37                               | 7.43          |
|            |         |           |             | 7/3/2018  | 6027              | 6537.49                               | 6530.29                               | 7.20          |
|            |         |           |             | 7/10/2018 | 6034              | 6537.43                               | 6530.21                               | 7.22          |
|            |         |           |             | 7/17/2018 | 6041              | 6537.42                               | 6530.13                               | 7.29          |
|            |         |           |             | 7/24/2018 | 6048              | 6537.34                               | 6530.05                               | 7.29          |
|            |         |           |             | 7/31/2018 | 6055              | 6537.36                               | 6529.97                               | 7.39          |
|            |         |           |             | 8/7/2018  | 6062              | 6537.37                               | 6529.89                               | 7.48          |
|            |         |           |             | 8/14/2018 | 6069              | 6537.42                               | 6529.81                               | 7.61          |
|            |         |           |             | 8/21/2018 | 6076              | 6537.45                               | 6529.73                               | 7.72          |
|            |         |           |             | 8/28/2018 | 6083              | 6537.51                               | 6529.65                               | 7.86          |
|            |         |           |             | 9/4/2018  | 6090              | 6537.47                               | 6529.57                               | 7.90          |
|            |         |           |             | 9/11/2018 | 6097              | 6537.49                               | 6529.49                               | 8.00          |
|            |         |           |             | 9/18/2018 | 6104              | 6537.47                               | 6529.42                               | 8.05          |
| 9/25/2018  | 6111    | 6537.22   | 6529.35     | 7.87      |                   |                                       |                                       |               |
| 10/2/2018  | 6118    | 6537.32   | 6529.28     | 8.04      |                   |                                       |                                       |               |
| 10/9/2018  | 6125    | 6537.18   | 6529.22     | 7.96      |                   |                                       |                                       |               |
| 10/16/2018 | 6132    | 6537.01   | 6529.15     | 7.86      |                   |                                       |                                       |               |
| 10/23/2018 | 6139    | 6537.21   | 6529.08     | 8.13      |                   |                                       |                                       |               |
| 10/30/2018 | 6146    | 6537.06   | 6529.01     | 8.05      |                   |                                       |                                       |               |
| 11/6/2018  | 6153    | 6537.04   | 6528.95     | 8.09      |                   |                                       |                                       |               |
| 11/13/2018 | 6160    | 6536.87   | 6528.88     | 7.99      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 11/20/2018 | 6167              | 6536.45                               | 6528.81                               | 7.64          |
|         |         |          |             | 11/27/2018 | 6174              | 6536.61                               | 6528.75                               | 7.86          |
|         |         |          |             | 12/4/2018  | 6181              | 6536.66                               | 6528.68                               | 7.98          |
|         |         |          |             | 12/11/2018 | 6188              | 6536.62                               | 6528.61                               | 8.01          |
|         |         |          |             | 12/18/2018 | 6195              | 6536.73                               | 6528.54                               | 8.19          |
|         |         |          |             | 12/20/2018 | 6197              | 6535.61                               | 6528.52                               | 7.09          |
|         |         |          |             | 12/27/2018 | 6204              | 6536.60                               | 6528.46                               | 8.14          |
|         |         |          |             | 1/8/2019   | 6216              | 6536.34                               | 6528.50                               | 7.84          |
|         |         |          |             | 1/15/2019  | 6223              | 6536.37                               | 6528.60                               | 7.77          |
|         |         |          |             | 1/22/2019  | 6230              | 6536.55                               | 6528.69                               | 7.86          |
|         |         |          |             | 1/29/2019  | 6237              | 6536.36                               | 6528.79                               | 7.57          |
|         |         |          |             | 2/5/2019   | 6244              | 6536.49                               | 6528.86                               | 7.63          |
|         |         |          |             | 2/12/2019  | 6251              | 6536.74                               | 6528.93                               | 7.81          |
|         |         |          |             | 2/20/2019  | 6259              | 6536.54                               | 6529.01                               | 7.53          |
|         |         |          |             | 2/26/2019  | 6265              | 6536.61                               | 6529.06                               | 7.55          |
|         |         |          |             | 3/5/2019   | 6272              | 6536.43                               | 6529.13                               | 7.30          |
|         |         |          |             | 3/12/2019  | 6279              | 6536.02                               | 6529.16                               | 6.86          |
|         |         |          |             | 3/19/2019  | 6286              | 6536.29                               | 6529.20                               | 7.09          |
|         |         |          |             | 3/26/2019  | 6293              | 6536.21                               | 6529.23                               | 6.98          |
|         |         |          |             | 4/2/2019   | 6300              | 6536.43                               | 6529.27                               | 7.16          |
|         |         |          |             | 4/9/2019   | 6307              | 6536.28                               | 6529.30                               | 6.98          |
|         |         |          |             | 4/16/2019  | 6314              | 6536.36                               | 6529.34                               | 7.02          |
|         |         |          |             | 4/23/2019  | 6321              | 6536.26                               | 6529.38                               | 6.88          |
|         |         |          |             | 4/30/2019  | 6328              | 6539.29                               | 6529.41                               | 9.88          |
|         |         |          |             | 5/7/2019   | 6335              | 6536.16                               | 6529.45                               | 6.71          |
|         |         |          |             | 5/14/2019  | 6342              | 6536.46                               | 6529.46                               | 7.00          |
|         |         |          |             | 5/21/2019  | 6349              | 6536.26                               | 6529.47                               | 6.79          |
|         |         |          |             | 5/29/2019  | 6357              | 6536.11                               | 6529.48                               | 6.63          |
|         |         |          |             | 6/4/2019   | 6363              | 6536.20                               | 6529.49                               | 6.71          |
|         |         |          |             | 6/11/2019  | 6370              | 6536.11                               | 6529.50                               | 6.61          |
|         |         |          |             | 7/2/2019   | 6391              | 6535.96                               | 6529.53                               | 6.43          |
|         |         |          |             | 7/9/2019   | 6398              | 6536.03                               | 6529.54                               | 6.49          |
|         |         |          |             | 7/16/2019  | 6405              | 6536.96                               | 6529.55                               | 7.41          |
|         |         |          |             | 7/23/2019  | 6412              | 6535.81                               | 6529.56                               | 6.25          |
|         |         |          |             | 7/30/2019  | 6419              | 6535.81                               | 6529.57                               | 6.24          |
|         |         |          |             | 8/6/2019   | 6426              | 6535.91                               | 6529.58                               | 6.33          |
|         |         |          |             | 8/13/2019  | 6433              | 6535.75                               | 6529.59                               | 6.16          |
|         |         |          |             | 8/20/2019  | 6440              | 6535.66                               | 6529.60                               | 6.06          |
|         |         |          |             | 8/27/2019  | 6447              | 6535.96                               | 6529.61                               | 6.35          |
|         |         |          |             | 9/3/2019   | 6454              | 6535.80                               | 6529.62                               | 6.18          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 9/10/2019  | 6461              | 6535.76                               | 6529.63                               | 6.13          |
|         |         |          |             | 9/17/2019  | 6468              | 6535.51                               | 6529.64                               | 5.87          |
|         |         |          |             | 9/24/2019  | 6475              | 6534.86                               | 6529.64                               | 5.22          |
|         |         |          |             | 10/1/2019  | 6482              | 6535.42                               | 6529.64                               | 5.78          |
|         |         |          |             | 10/8/2019  | 6489              | 6535.31                               | 6529.64                               | 5.67          |
|         |         |          |             | 10/15/2019 | 6496              | 6535.26                               | 6529.64                               | 5.62          |
|         |         |          |             | 10/22/2019 | 6503              | 6535.23                               | 6529.64                               | 5.59          |
|         |         |          |             | 10/29/2019 | 6510              | 6535.24                               | 6529.64                               | 5.60          |
|         |         |          |             | 11/5/2019  | 6517              | 6535.18                               | 6529.64                               | 5.54          |
|         |         |          |             | 11/12/2019 | 6524              | 6535.20                               | 6529.64                               | 5.56          |
|         |         |          |             | 11/19/2019 | 6531              | 6535.20                               | 6529.64                               | 5.56          |
|         |         |          |             | 11/26/2019 | 6538              | 6535.27                               | 6529.64                               | 5.63          |
|         |         |          |             | 12/3/2019  | 6545              | 6535.23                               | 6529.64                               | 5.59          |
|         |         |          |             | 12/10/2019 | 6552              | 6535.23                               | 6529.64                               | 5.59          |
|         |         |          |             | 12/17/2019 | 6559              | 6534.66                               | 6529.64                               | 5.02          |
|         |         |          |             | 12/18/2019 | 6560              | 6534.81                               | 6529.64                               | 5.17          |
|         |         |          |             | 12/24/2019 | 6566              | 6535.24                               | 6529.64                               | 5.60          |
|         |         |          |             | 12/31/2019 | 6573              | 6535.16                               | 6529.64                               | 5.52          |
|         |         |          |             | 2/2/2002   | 32                | 6524.05                               | 6527.82                               | -3.77         |
|         |         |          |             | 4/13/2002  | 102               | 6522.96                               | 6527.85                               | -4.89         |
|         |         |          |             | 6/22/2002  | 172               | 6522.72                               | 6527.88                               | -5.16         |
|         |         |          |             | 8/31/2002  | 242               | 6523.33                               | 6527.92                               | -4.59         |
|         |         |          |             | 11/9/2002  | 312               | 6523.25                               | 6527.95                               | -4.70         |
|         |         |          |             | 1/17/2003  | 382               | 6523.09                               | 6528.10                               | -5.01         |
|         |         |          |             | 3/28/2003  | 452               | 6523.18                               | 6528.58                               | -5.40         |
|         |         |          |             | 6/3/2003   | 518               | 6522.38                               | 6528.99                               | -6.61         |
|         |         |          |             | 8/9/2003   | 585               | 6522.62                               | 6529.28                               | -6.66         |
|         |         |          |             | 10/17/2003 | 655               | 6523.50                               | 6529.58                               | -6.08         |
|         |         |          |             | 12/26/2003 | 725               | 6524.52                               | 6529.85                               | -5.33         |
|         |         |          |             | 3/5/2004   | 795               | 6526.52                               | 6529.87                               | -3.35         |
|         |         |          |             | 5/12/2004  | 862               | 6527.85                               | 6529.89                               | -2.04         |
|         |         |          |             | 7/17/2004  | 928               | 6528.20                               | 6529.98                               | -1.78         |
|         |         |          |             | 9/24/2004  | 997               | 6528.69                               | 6530.11                               | -1.43         |
|         |         |          |             | 11/26/2004 | 1061              | 6530.02                               | 6530.25                               | -0.22         |
|         |         |          |             | 2/5/2005   | 1131              | 6531.30                               | 6530.65                               | 0.65          |
|         |         |          |             | 4/15/2005  | 1200              | 6531.37                               | 6531.19                               | 0.18          |
|         |         |          |             | 6/18/2005  | 1264              | 6530.76                               | 6531.65                               | -0.90         |
|         |         |          |             | 8/27/2005  | 1334              | 6529.87                               | 6532.07                               | -2.20         |
|         |         |          |             | 11/4/2005  | 1404              | 6529.30                               | 6532.48                               | -3.18         |
|         |         |          |             | 1/14/2006  | 1474              | 6529.77                               | 6532.83                               | -3.06         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 3/24/2006  | 1544              | 6531.42                               | 6533.01                               | -1.59         |
|         |         |          |             | 6/3/2006   | 1614              | 6533.41                               | 6533.22                               | 0.20          |
|         |         |          |             | 8/12/2006  | 1684              | 6534.14                               | 6533.42                               | 0.73          |
|         |         |          |             | 10/20/2006 | 1754              | 6533.85                               | 6533.61                               | 0.24          |
|         |         |          |             | 12/23/2006 | 1818              | 6532.46                               | 6533.79                               | -1.33         |
|         |         |          |             | 3/2/2007   | 1887              | 6531.01                               | 6533.50                               | -2.49         |
|         |         |          |             | 5/10/2007  | 1956              | 6531.37                               | 6533.11                               | -1.74         |
|         |         |          |             | 7/13/2007  | 2020              | 6532.26                               | 6532.82                               | -0.57         |
|         |         |          |             | 9/22/2007  | 2090              | 6531.58                               | 6532.56                               | -0.99         |
|         |         |          |             | 12/1/2007  | 2160              | 6530.67                               | 6532.32                               | -1.65         |
|         |         |          |             | 2/8/2008   | 2230              | 6530.13                               | 6532.14                               | -2.01         |
|         |         |          |             | 4/18/2008  | 2300              | 6530.33                               | 6532.06                               | -1.72         |
|         |         |          |             | 6/21/2008  | 2363              | 6530.81                               | 6531.98                               | -1.17         |
|         |         |          |             | 8/29/2008  | 2433              | 6531.25                               | 6531.91                               | -0.67         |
|         |         |          |             | 11/7/2008  | 2503              | 6531.83                               | 6531.84                               | -0.02         |
|         |         |          |             | 1/16/2009  | 2573              | 6532.32                               | 6531.80                               | 0.52          |
|         |         |          |             | 3/27/2009  | 2643              | 6533.44                               | 6531.86                               | 1.58          |
|         |         |          |             | 6/6/2009   | 2713              | 6534.85                               | 6531.93                               | 2.92          |
|         |         |          |             | 8/15/2009  | 2783              | 6534.75                               | 6532.01                               | 2.74          |
|         |         |          |             | 10/23/2009 | 2853              | 6534.63                               | 6532.09                               | 2.54          |
|         |         |          |             | 1/1/2010   | 2923              | 6534.80                               | 6532.17                               | 2.63          |
|         |         |          |             | 3/13/2010  | 2993              | 6535.42                               | 6534.02                               | 1.40          |
|         |         |          |             | 5/22/2010  | 3063              | 6535.53                               | 6534.85                               | 0.68          |
|         |         |          |             | 7/31/2010  | 3133              | 6535.93                               | 6535.56                               | 0.37          |
|         |         |          |             | 10/9/2010  | 3203              | 6535.97                               | 6536.01                               | -0.04         |
|         |         |          |             | 12/19/2010 | 3274              | 6537.51                               | 6536.38                               | 1.13          |
|         |         |          |             | 3/4/2011   | 3350              | 6538.20                               | 6537.58                               | 0.61          |
|         |         |          |             | 5/14/2011  | 3420              | 6537.60                               | 6538.56                               | -0.96         |
|         |         |          |             | 7/23/2011  | 3490              | 6537.50                               | 6539.23                               | -1.73         |
|         |         |          |             | 10/1/2011  | 3560              | 6538.25                               | 6539.76                               | -1.51         |
|         |         |          |             | 12/10/2011 | 3630              | 6539.26                               | 6540.23                               | -0.97         |
|         |         |          |             | 2/17/2012  | 3700              | 6539.40                               | 6540.70                               | -1.30         |
|         |         |          |             | 4/27/2012  | 3770              | 6539.78                               | 6541.07                               | -1.29         |
|         |         |          |             | 7/6/2012   | 3840              | 6539.69                               | 6541.36                               | -1.67         |
|         |         |          |             | 9/14/2012  | 3910              | 6538.91                               | 6541.59                               | -2.69         |
|         |         |          |             | 11/22/2012 | 3979              | 6538.83                               | 6541.80                               | -2.97         |
|         |         |          |             | 1/26/2013  | 4043              | 6539.77                               | 6541.91                               | -2.14         |
|         |         |          |             | 4/5/2013   | 4113              | 6540.97                               | 6542.02                               | -1.06         |
|         |         |          |             | 6/14/2013  | 4183              | 6541.10                               | 6542.15                               | -1.05         |
|         |         |          |             | 10/30/2013 | 4320              | 6540.44                               | 6542.60                               | -2.16         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| SO        | 488,381 | 1,543,652 | 1           | 2/21/2014  | 4435              | 6541.83                               | 6542.49                               | -0.66         |
|           |         |           |             | 5/2/2014   | 4504              | 6541.66                               | 6542.28                               | -0.62         |
|           |         |           |             | 7/4/2014   | 4568              | 6541.23                               | 6542.13                               | -0.90         |
|           |         |           |             | 9/22/2014  | 4647              | 6540.67                               | 6542.16                               | -1.49         |
|           |         |           |             | 12/5/2014  | 4722              | 6540.18                               | 6542.24                               | -2.05         |
|           |         |           |             | 2/13/2015  | 4792              | 6540.46                               | 6541.52                               | -1.07         |
|           |         |           |             | 4/23/2015  | 4861              | 6540.44                               | 6540.93                               | -0.49         |
|           |         |           |             | 6/27/2015  | 4926              | 6539.95                               | 6540.44                               | -0.49         |
|           |         |           |             | 9/22/2015  | 5012              | 6540.34                               | 6540.18                               | 0.16          |
|           |         |           |             | 12/4/2015  | 5086              | 6540.32                               | 6540.09                               | 0.22          |
|           |         |           |             | 2/12/2016  | 5156              | 6539.93                               | 6539.76                               | 0.17          |
|           |         |           |             | 4/22/2016  | 5226              | 6539.46                               | 6539.06                               | 0.40          |
|           |         |           |             | 7/17/2016  | 5311              | 6539.13                               | 6538.17                               | 0.96          |
|           |         |           |             | 2/21/2017  | 5530              | 6538.10                               | 6536.11                               | 2.00          |
|           |         |           |             | 5/2/2017   | 5600              | 6538.05                               | 6535.52                               | 2.52          |
|           |         |           |             | 7/7/2017   | 5667              | 6537.63                               | 6535.05                               | 2.58          |
|           |         |           |             | 9/16/2017  | 5737              | 6536.81                               | 6534.55                               | 2.26          |
|           |         |           |             | 11/28/2017 | 5810              | 6537.22                               | 6534.09                               | 3.13          |
|           |         |           |             | 1/2/2018   | 5845              | 6537.76                               | 6533.87                               | 3.89          |
|           |         |           |             | 1/9/2018   | 5852              | 6537.86                               | 6533.81                               | 4.05          |
|           |         |           |             | 1/16/2018  | 5859              | 6537.09                               | 6533.73                               | 3.36          |
|           |         |           |             | 1/23/2018  | 5866              | 6537.92                               | 6533.64                               | 4.28          |
|           |         |           |             | 1/30/2018  | 5873              | 6538.04                               | 6533.55                               | 4.49          |
|           |         |           |             | 2/6/2018   | 5880              | 6538.09                               | 6533.47                               | 4.62          |
|           |         |           |             | 2/13/2018  | 5887              | 6537.98                               | 6533.38                               | 4.60          |
|           |         |           |             | 2/21/2018  | 5895              | 6537.94                               | 6533.28                               | 4.66          |
|           |         |           |             | 2/27/2018  | 5901              | 6537.78                               | 6533.20                               | 4.58          |
|           |         |           |             | 3/6/2018   | 5908              | 6537.50                               | 6533.12                               | 4.38          |
|           |         |           |             | 3/13/2018  | 5915              | 6537.59                               | 6533.04                               | 4.55          |
|           |         |           |             | 3/20/2018  | 5922              | 6537.18                               | 6532.96                               | 4.22          |
|           |         |           |             | 3/27/2018  | 5929              | 6536.71                               | 6532.88                               | 3.83          |
|           |         |           |             | 4/3/2018   | 5936              | 6537.10                               | 6532.80                               | 4.30          |
| 4/10/2018 | 5943    | 6536.92   | 6532.73     | 4.19       |                   |                                       |                                       |               |
| 4/17/2018 | 5950    | 6536.84   | 6532.65     | 4.19       |                   |                                       |                                       |               |
| 4/24/2018 | 5957    | 6536.71   | 6532.57     | 4.14       |                   |                                       |                                       |               |
| 5/1/2018  | 5964    | 6536.74   | 6532.49     | 4.25       |                   |                                       |                                       |               |
| 5/3/2018  | 5966    | 6533.69   | 6532.46     | 1.23       |                   |                                       |                                       |               |
| 5/8/2018  | 5971    | 6535.93   | 6532.41     | 3.52       |                   |                                       |                                       |               |
| 5/15/2018 | 5978    | 6531.43   | 6532.35     | -0.92      |                   |                                       |                                       |               |
| 5/22/2018 | 5985    | 6535.81   | 6532.28     | 3.53       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 5/29/2018  | 5992              | 6536.18                               | 6532.22                               | 3.96          |
|         |         |          |             | 6/5/2018   | 5999              | 6536.19                               | 6532.15                               | 4.04          |
|         |         |          |             | 6/12/2018  | 6006              | 6536.15                               | 6532.09                               | 4.06          |
|         |         |          |             | 6/19/2018  | 6013              | 6536.19                               | 6532.02                               | 4.17          |
|         |         |          |             | 6/26/2018  | 6020              | 6536.19                               | 6531.96                               | 4.23          |
|         |         |          |             | 7/3/2018   | 6027              | 6536.13                               | 6531.89                               | 4.24          |
|         |         |          |             | 7/10/2018  | 6034              | 6536.07                               | 6531.83                               | 4.24          |
|         |         |          |             | 7/17/2018  | 6041              | 6536.11                               | 6531.76                               | 4.35          |
|         |         |          |             | 7/24/2018  | 6048              | 6536.10                               | 6531.70                               | 4.40          |
|         |         |          |             | 7/31/2018  | 6055              | 6536.20                               | 6531.63                               | 4.57          |
|         |         |          |             | 8/7/2018   | 6062              | 6536.22                               | 6531.57                               | 4.65          |
|         |         |          |             | 8/14/2018  | 6069              | 6546.35                               | 6531.50                               | 14.85         |
|         |         |          |             | 8/21/2018  | 6076              | 6536.47                               | 6531.44                               | 5.03          |
|         |         |          |             | 8/28/2018  | 6083              | 6536.53                               | 6531.37                               | 5.16          |
|         |         |          |             | 9/4/2018   | 6090              | 6536.46                               | 6531.31                               | 5.15          |
|         |         |          |             | 9/11/2018  | 6097              | 6536.50                               | 6531.24                               | 5.26          |
|         |         |          |             | 9/18/2018  | 6104              | 6535.89                               | 6531.19                               | 4.70          |
|         |         |          |             | 9/25/2018  | 6111              | 6536.34                               | 6531.13                               | 5.21          |
|         |         |          |             | 10/2/2018  | 6118              | 6536.32                               | 6531.07                               | 5.25          |
|         |         |          |             | 10/9/2018  | 6125              | 6536.09                               | 6531.01                               | 5.08          |
|         |         |          |             | 10/16/2018 | 6132              | 6535.97                               | 6530.96                               | 5.01          |
|         |         |          |             | 10/23/2018 | 6139              | 6536.21                               | 6530.90                               | 5.31          |
|         |         |          |             | 10/30/2018 | 6146              | 6535.89                               | 6530.84                               | 5.05          |
|         |         |          |             | 11/6/2018  | 6153              | 6535.98                               | 6530.79                               | 5.19          |
|         |         |          |             | 11/13/2018 | 6160              | 6535.81                               | 6530.73                               | 5.08          |
|         |         |          |             | 11/20/2018 | 6167              | 6535.20                               | 6530.67                               | 4.53          |
|         |         |          |             | 11/27/2018 | 6174              | 6535.44                               | 6530.62                               | 4.82          |
|         |         |          |             | 12/4/2018  | 6181              | 6537.47                               | 6530.56                               | 6.91          |
|         |         |          |             | 12/11/2018 | 6188              | 6535.47                               | 6530.50                               | 4.97          |
|         |         |          |             | 12/18/2018 | 6195              | 6536.49                               | 6530.44                               | 6.05          |
|         |         |          |             | 12/20/2018 | 6197              | 6534.61                               | 6530.43                               | 4.18          |
|         |         |          |             | 1/8/2019   | 6216              | 6535.22                               | 6530.28                               | 4.94          |
|         |         |          |             | 1/15/2019  | 6223              | 6535.29                               | 6530.26                               | 5.03          |
|         |         |          |             | 1/22/2019  | 6230              | 6535.46                               | 6530.23                               | 5.23          |
|         |         |          |             | 1/29/2019  | 6237              | 6535.21                               | 6530.21                               | 5.00          |
|         |         |          |             | 2/5/2019   | 6244              | 6536.26                               | 6530.19                               | 6.07          |
|         |         |          |             | 2/12/2019  | 6251              | 6535.34                               | 6530.17                               | 5.17          |
|         |         |          |             | 2/20/2019  | 6259              | 6535.14                               | 6530.15                               | 4.99          |
|         |         |          |             | 2/26/2019  | 6265              | 6534.99                               | 6530.14                               | 4.85          |
|         |         |          |             | 3/5/2019   | 6272              | 6534.16                               | 6530.12                               | 4.04          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 3/12/2019  | 6279              | 6535.04                               | 6530.10                               | 4.94          |
|         |         |          |             | 3/19/2019  | 6286              | 6534.96                               | 6530.09                               | 4.87          |
|         |         |          |             | 3/26/2019  | 6293              | 6534.89                               | 6530.07                               | 4.82          |
|         |         |          |             | 4/2/2019   | 6300              | 6535.96                               | 6530.06                               | 5.90          |
|         |         |          |             | 4/9/2019   | 6307              | 6534.82                               | 6530.04                               | 4.78          |
|         |         |          |             | 4/16/2019  | 6314              | 6534.97                               | 6530.02                               | 4.95          |
|         |         |          |             | 4/23/2019  | 6321              | 6534.79                               | 6530.01                               | 4.78          |
|         |         |          |             | 4/30/2019  | 6328              | 6538.81                               | 6529.99                               | 8.82          |
|         |         |          |             | 5/7/2019   | 6335              | 6534.74                               | 6529.98                               | 4.76          |
|         |         |          |             | 5/14/2019  | 6342              | 6534.69                               | 6529.96                               | 4.73          |
|         |         |          |             | 5/21/2019  | 6349              | 6534.79                               | 6529.95                               | 4.84          |
|         |         |          |             | 5/29/2019  | 6357              | 6534.74                               | 6529.93                               | 4.81          |
|         |         |          |             | 5/31/2019  | 6359              | 6534.69                               | 6529.93                               | 4.76          |
|         |         |          |             | 6/4/2019   | 6363              | 6534.81                               | 6529.92                               | 4.89          |
|         |         |          |             | 6/11/2019  | 6370              | 6534.64                               | 6529.91                               | 4.73          |
|         |         |          |             | 7/2/2019   | 6391              | 6534.49                               | 6529.87                               | 4.62          |
|         |         |          |             | 7/9/2019   | 6398              | 6534.51                               | 6529.85                               | 4.66          |
|         |         |          |             | 7/16/2019  | 6405              | 6534.39                               | 6529.84                               | 4.55          |
|         |         |          |             | 7/23/2019  | 6412              | 6534.39                               | 6529.83                               | 4.56          |
|         |         |          |             | 7/30/2019  | 6419              | 6534.39                               | 6529.81                               | 4.58          |
|         |         |          |             | 8/6/2019   | 6426              | 6534.36                               | 6529.80                               | 4.56          |
|         |         |          |             | 8/13/2019  | 6433              | 6534.30                               | 6529.78                               | 4.52          |
|         |         |          |             | 8/20/2019  | 6440              | 6534.24                               | 6529.77                               | 4.47          |
|         |         |          |             | 8/27/2019  | 6447              | 6534.16                               | 6529.76                               | 4.40          |
|         |         |          |             | 9/3/2019   | 6454              | 6534.18                               | 6529.74                               | 4.44          |
|         |         |          |             | 9/10/2019  | 6461              | 6534.16                               | 6529.73                               | 4.43          |
|         |         |          |             | 9/17/2019  | 6468              | 6534.06                               | 6529.72                               | 4.34          |
|         |         |          |             | 9/24/2019  | 6475              | 6533.94                               | 6529.70                               | 4.24          |
|         |         |          |             | 10/1/2019  | 6482              | 6533.92                               | 6529.69                               | 4.23          |
|         |         |          |             | 10/8/2019  | 6489              | 6533.88                               | 6529.68                               | 4.20          |
|         |         |          |             | 10/15/2019 | 6496              | 6533.89                               | 6529.66                               | 4.23          |
|         |         |          |             | 10/22/2019 | 6503              | 6533.82                               | 6529.65                               | 4.17          |
|         |         |          |             | 10/29/2019 | 6510              | 6533.85                               | 6529.64                               | 4.21          |
|         |         |          |             | 11/5/2019  | 6517              | 6532.82                               | 6529.63                               | 3.19          |
|         |         |          |             | 11/12/2019 | 6524              | 6533.83                               | 6529.61                               | 4.22          |
|         |         |          |             | 11/19/2019 | 6531              | 6533.82                               | 6529.60                               | 4.22          |
|         |         |          |             | 11/26/2019 | 6538              | 6533.93                               | 6529.59                               | 4.34          |
|         |         |          |             | 12/3/2019  | 6545              | 6533.78                               | 6529.57                               | 4.21          |
|         |         |          |             | 12/10/2019 | 6552              | 6533.89                               | 6529.56                               | 4.33          |
|         |         |          |             | 12/17/2019 | 6559              | 6533.74                               | 6529.55                               | 4.19          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 12/24/2019 | 6566              | 6533.89                               | 6529.53                               | 4.36          |
|         |         |          |             | 12/31/2019 | 6573              | 6533.79                               | 6529.52                               | 4.27          |
|         |         |          |             | 2/2/2002   | 32                | 6522.15                               | 6525.73                               | -3.58         |
|         |         |          |             | 4/13/2002  | 102               | 6520.87                               | 6525.77                               | -4.90         |
|         |         |          |             | 6/22/2002  | 172               | 6520.70                               | 6525.81                               | -5.11         |
|         |         |          |             | 8/31/2002  | 242               | 6521.67                               | 6525.85                               | -4.19         |
|         |         |          |             | 11/9/2002  | 312               | 6521.32                               | 6525.89                               | -4.57         |
|         |         |          |             | 1/17/2003  | 382               | 6521.32                               | 6526.07                               | -4.75         |
|         |         |          |             | 3/28/2003  | 452               | 6521.39                               | 6526.60                               | -5.21         |
|         |         |          |             | 6/7/2003   | 522               | 6520.39                               | 6527.09                               | -6.70         |
|         |         |          |             | 8/15/2003  | 592               | 6521.02                               | 6527.43                               | -6.41         |
|         |         |          |             | 10/24/2003 | 662               | 6521.87                               | 6527.77                               | -5.90         |
|         |         |          |             | 1/2/2004   | 732               | 6522.79                               | 6528.07                               | -5.28         |
|         |         |          |             | 3/12/2004  | 802               | 6524.73                               | 6528.31                               | -3.58         |
|         |         |          |             | 5/22/2004  | 872               | 6525.81                               | 6528.48                               | -2.67         |
|         |         |          |             | 7/31/2004  | 942               | 6526.42                               | 6528.70                               | -2.27         |
|         |         |          |             | 10/6/2004  | 1010              | 6527.21                               | 6528.91                               | -1.70         |
|         |         |          |             | 12/11/2004 | 1075              | 6528.91                               | 6529.12                               | -0.21         |
|         |         |          |             | 2/18/2005  | 1145              | 6530.17                               | 6529.76                               | 0.40          |
|         |         |          |             | 4/29/2005  | 1215              | 6529.80                               | 6530.43                               | -0.63         |
|         |         |          |             | 7/9/2005   | 1285              | 6529.18                               | 6531.01                               | -1.84         |
|         |         |          |             | 9/17/2005  | 1355              | 6528.18                               | 6531.51                               | -3.33         |
|         |         |          |             | 11/26/2005 | 1425              | 6527.87                               | 6531.99                               | -4.12         |
|         |         |          |             | 2/4/2006   | 1495              | 6528.91                               | 6532.22                               | -3.31         |
|         |         |          |             | 4/14/2006  | 1565              | 6530.54                               | 6532.37                               | -1.83         |
|         |         |          |             | 6/24/2006  | 1635              | 6532.36                               | 6532.57                               | -0.21         |
|         |         |          |             | 9/2/2006   | 1705              | 6532.77                               | 6532.76                               | 0.01          |
|         |         |          |             | 11/10/2006 | 1775              | 6532.21                               | 6532.95                               | -0.74         |
|         |         |          |             | 1/20/2007  | 1845              | 6530.53                               | 6532.96                               | -2.44         |
|         |         |          |             | 3/30/2007  | 1915              | 6529.68                               | 6532.55                               | -2.87         |
|         |         |          |             | 6/9/2007   | 1985              | 6530.57                               | 6532.16                               | -1.59         |
|         |         |          |             | 8/18/2007  | 2055              | 6530.88                               | 6531.92                               | -1.05         |
|         |         |          |             | 10/20/2007 | 2118              | 6529.74                               | 6531.70                               | -1.96         |
|         |         |          |             | 12/29/2007 | 2188              | 6529.09                               | 6531.50                               | -2.40         |
|         |         |          |             | 3/7/2008   | 2258              | 6528.59                               | 6531.39                               | -2.79         |
|         |         |          |             | 5/17/2008  | 2328              | 6529.11                               | 6531.31                               | -2.19         |
|         |         |          |             | 7/25/2008  | 2398              | 6529.66                               | 6531.23                               | -1.58         |
|         |         |          |             | 10/3/2008  | 2468              | 6530.25                               | 6531.16                               | -0.91         |
|         |         |          |             | 12/12/2008 | 2538              | 6530.70                               | 6531.09                               | -0.39         |
|         |         |          |             | 2/20/2009  | 2608              | 6531.35                               | 6531.13                               | 0.22          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 5/2/2009   | 2678              | 6533.01                               | 6531.23                               | 1.78          |
|         |         |          |             | 7/10/2009  | 2748              | 6533.85                               | 6531.32                               | 2.54          |
|         |         |          |             | 9/19/2009  | 2818              | 6533.31                               | 6531.41                               | 1.90          |
|         |         |          |             | 11/27/2009 | 2888              | 6533.38                               | 6531.50                               | 1.88          |
|         |         |          |             | 2/5/2010   | 2958              | 6533.85                               | 6532.12                               | 1.73          |
|         |         |          |             | 4/17/2010  | 3028              | 6534.12                               | 6533.11                               | 1.01          |
|         |         |          |             | 6/26/2010  | 3098              | 6534.52                               | 6533.70                               | 0.82          |
|         |         |          |             | 9/4/2010   | 3168              | 6534.77                               | 6534.23                               | 0.54          |
|         |         |          |             | 11/12/2010 | 3238              | 6535.50                               | 6534.56                               | 0.93          |
|         |         |          |             | 1/22/2011  | 3308              | 6537.26                               | 6535.31                               | 1.95          |
|         |         |          |             | 4/1/2011   | 3378              | 6536.61                               | 6536.38                               | 0.23          |
|         |         |          |             | 6/11/2011  | 3448              | 6536.41                               | 6537.31                               | -0.90         |
|         |         |          |             | 8/20/2011  | 3518              | 6536.62                               | 6537.84                               | -1.21         |
|         |         |          |             | 10/28/2011 | 3588              | 6537.54                               | 6538.36                               | -0.82         |
|         |         |          |             | 1/7/2012   | 3658              | 6538.25                               | 6538.78                               | -0.53         |
|         |         |          |             | 3/16/2012  | 3728              | 6538.35                               | 6539.13                               | -0.78         |
|         |         |          |             | 5/25/2012  | 3798              | 6538.94                               | 6539.45                               | -0.51         |
|         |         |          |             | 8/3/2012   | 3868              | 6538.30                               | 6539.67                               | -1.37         |
|         |         |          |             | 10/12/2012 | 3938              | 6537.64                               | 6539.88                               | -2.24         |
|         |         |          |             | 12/22/2012 | 4008              | 6538.16                               | 6540.07                               | -1.91         |
|         |         |          |             | 3/1/2013   | 4078              | 6539.24                               | 6540.24                               | -1.00         |
|         |         |          |             | 5/10/2013  | 4148              | 6540.24                               | 6540.39                               | -0.15         |
|         |         |          |             | 8/2/2013   | 4231              | 6539.15                               | 6540.61                               | -1.46         |
|         |         |          |             | 1/15/2014  | 4397              | 6540.15                               | 6541.15                               | -0.99         |
|         |         |          |             | 3/28/2014  | 4470              | 6540.59                               | 6540.98                               | -0.39         |
|         |         |          |             | 6/6/2014   | 4540              | 6540.11                               | 6540.87                               | -0.76         |
|         |         |          |             | 8/19/2014  | 4614              | 6539.72                               | 6540.87                               | -1.15         |
|         |         |          |             | 11/7/2014  | 4694              | 6539.26                               | 6540.96                               | -1.70         |
|         |         |          |             | 1/16/2015  | 4764              | 6539.26                               | 6540.91                               | -1.65         |
|         |         |          |             | 3/31/2015  | 4838              | 6539.51                               | 6540.46                               | -0.95         |
|         |         |          |             | 6/26/2015  | 4925              | 6538.84                               | 6540.05                               | -1.21         |
|         |         |          |             | 9/22/2015  | 5012              | 6539.09                               | 6539.88                               | -0.79         |
|         |         |          |             | 12/4/2015  | 5086              | 6539.08                               | 6539.84                               | -0.76         |
|         |         |          |             | 2/12/2016  | 5156              | 6538.69                               | 6539.31                               | -0.62         |
|         |         |          |             | 4/22/2016  | 5226              | 6537.82                               | 6538.38                               | -0.56         |
|         |         |          |             | 7/17/2016  | 5311              | 6537.48                               | 6537.33                               | 0.16          |
|         |         |          |             | 2/21/2017  | 5530              | 6536.76                               | 6535.22                               | 1.54          |
|         |         |          |             | 5/5/2017   | 5604              | 6536.66                               | 6534.72                               | 1.93          |
|         |         |          |             | 7/14/2017  | 5674              | 6536.11                               | 6534.26                               | 1.85          |
|         |         |          |             | 9/23/2017  | 5745              | 6534.81                               | 6533.80                               | 1.01          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date      | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|-----------|-------------------|---------------------------------------|---------------------------------------|---------------|
| SP        | 488,531 | 1,543,630 | 1           | 12/1/2017 | 5814              | 6535.65                               | 6533.38                               | 2.27          |
|           |         |           |             | 1/2/2018  | 5845              | 6537.66                               | 6533.18                               | 4.48          |
|           |         |           |             | 1/9/2018  | 5852              | 6537.68                               | 6533.06                               | 4.62          |
|           |         |           |             | 1/16/2018 | 5859              | 6536.93                               | 6532.92                               | 4.01          |
|           |         |           |             | 1/23/2018 | 5866              | 6538.65                               | 6532.79                               | 5.86          |
|           |         |           |             | 1/30/2018 | 5873              | 6537.91                               | 6532.66                               | 5.25          |
|           |         |           |             | 2/6/2018  | 5880              | 6538.16                               | 6532.54                               | 5.62          |
|           |         |           |             | 2/13/2018 | 5887              | 6537.92                               | 6532.42                               | 5.50          |
|           |         |           |             | 2/21/2018 | 5895              | 6537.91                               | 6532.29                               | 5.62          |
|           |         |           |             | 2/27/2018 | 5901              | 6537.95                               | 6532.20                               | 5.75          |
|           |         |           |             | 3/6/2018  | 5908              | 6537.62                               | 6532.08                               | 5.54          |
|           |         |           |             | 3/13/2018 | 5915              | 6537.21                               | 6531.99                               | 5.22          |
|           |         |           |             | 3/20/2018 | 5922              | 6535.80                               | 6531.90                               | 3.90          |
|           |         |           |             | 3/27/2018 | 5929              | 6537.45                               | 6531.81                               | 5.64          |
|           |         |           |             | 4/3/2018  | 5936              | 6537.24                               | 6531.71                               | 5.53          |
|           |         |           |             | 4/10/2018 | 5943              | 6536.96                               | 6531.62                               | 5.34          |
|           |         |           |             | 4/17/2018 | 5950              | 6537.00                               | 6531.53                               | 5.47          |
|           |         |           |             | 4/24/2018 | 5957              | 6536.86                               | 6531.44                               | 5.42          |
|           |         |           |             | 5/1/2018  | 5964              | 6536.84                               | 6531.34                               | 5.50          |
|           |         |           |             | 5/8/2018  | 5971              | 6536.64                               | 6531.25                               | 5.39          |
|           |         |           |             | 5/15/2018 | 5978              | 6530.97                               | 6531.18                               | -0.21         |
|           |         |           |             | 5/22/2018 | 5985              | 6538.82                               | 6531.11                               | 7.71          |
|           |         |           |             | 5/29/2018 | 5992              | 6536.41                               | 6531.03                               | 5.38          |
|           |         |           |             | 6/5/2018  | 5999              | 6536.35                               | 6530.96                               | 5.39          |
|           |         |           |             | 6/12/2018 | 6006              | 6535.02                               | 6530.89                               | 4.13          |
|           |         |           |             | 6/19/2018 | 6013              | 6535.72                               | 6530.82                               | 4.90          |
|           |         |           |             | 6/26/2018 | 6020              | 6536.16                               | 6530.74                               | 5.42          |
|           |         |           |             | 7/3/2018  | 6027              | 6536.28                               | 6530.67                               | 5.61          |
|           |         |           |             | 7/10/2018 | 6034              | 6536.15                               | 6530.60                               | 5.55          |
|           |         |           |             | 7/17/2018 | 6041              | 6536.09                               | 6530.53                               | 5.56          |
|           |         |           |             | 7/24/2018 | 6048              | 6536.05                               | 6530.45                               | 5.60          |
|           |         |           |             | 7/31/2018 | 6055              | 6536.13                               | 6530.38                               | 5.75          |
| 8/7/2018  | 6062    | 6536.16   | 6530.31     | 5.85      |                   |                                       |                                       |               |
| 8/14/2018 | 6069    | 6536.39   | 6530.24     | 6.15      |                   |                                       |                                       |               |
| 8/21/2018 | 6076    | 6536.27   | 6530.17     | 6.10      |                   |                                       |                                       |               |
| 8/28/2018 | 6083    | 6536.39   | 6530.09     | 6.30      |                   |                                       |                                       |               |
| 9/4/2018  | 6090    | 6536.36   | 6530.02     | 6.34      |                   |                                       |                                       |               |
| 9/11/2018 | 6097    | 6536.38   | 6529.95     | 6.43      |                   |                                       |                                       |               |
| 9/18/2018 | 6104    | 6535.80   | 6529.88     | 5.92      |                   |                                       |                                       |               |
| 9/25/2018 | 6111    | 6536.12   | 6529.82     | 6.30      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 10/2/2018  | 6118              | 6536.22                               | 6529.76                               | 6.46          |
|         |         |          |             | 10/9/2018  | 6125              | 6535.96                               | 6529.70                               | 6.26          |
|         |         |          |             | 10/16/2018 | 6132              | 6535.89                               | 6529.63                               | 6.26          |
|         |         |          |             | 10/23/2018 | 6139              | 6535.99                               | 6529.57                               | 6.42          |
|         |         |          |             | 10/30/2018 | 6146              | 6535.81                               | 6529.51                               | 6.30          |
|         |         |          |             | 11/6/2018  | 6153              | 6535.87                               | 6529.45                               | 6.42          |
|         |         |          |             | 11/13/2018 | 6160              | 6535.62                               | 6529.39                               | 6.23          |
|         |         |          |             | 11/20/2018 | 6167              | 6535.22                               | 6529.32                               | 5.90          |
|         |         |          |             | 11/27/2018 | 6174              | 6535.36                               | 6529.26                               | 6.10          |
|         |         |          |             | 12/4/2018  | 6181              | 6537.62                               | 6529.20                               | 8.42          |
|         |         |          |             | 12/11/2018 | 6188              | 6535.44                               | 6529.14                               | 6.30          |
|         |         |          |             | 12/18/2018 | 6195              | 6537.58                               | 6529.08                               | 8.50          |
|         |         |          |             | 12/20/2018 | 6197              | 6534.41                               | 6529.06                               | 5.35          |
|         |         |          |             | 1/8/2019   | 6216              | 6537.30                               | 6528.95                               | 8.35          |
|         |         |          |             | 1/15/2019  | 6223              | 6535.18                               | 6528.99                               | 6.19          |
|         |         |          |             | 1/22/2019  | 6230              | 6535.35                               | 6529.03                               | 6.32          |
|         |         |          |             | 1/29/2019  | 6237              | 6535.13                               | 6529.06                               | 6.07          |
|         |         |          |             | 2/5/2019   | 6244              | 6536.36                               | 6529.09                               | 7.27          |
|         |         |          |             | 2/12/2019  | 6251              | 6535.45                               | 6529.11                               | 6.34          |
|         |         |          |             | 2/20/2019  | 6259              | 6535.36                               | 6529.14                               | 6.22          |
|         |         |          |             | 2/26/2019  | 6265              | 6535.06                               | 6529.16                               | 5.90          |
|         |         |          |             | 3/5/2019   | 6272              | 6535.30                               | 6529.18                               | 6.12          |
|         |         |          |             | 3/12/2019  | 6279              | 6535.84                               | 6529.18                               | 6.66          |
|         |         |          |             | 3/19/2019  | 6286              | 6535.01                               | 6529.19                               | 5.82          |
|         |         |          |             | 3/26/2019  | 6293              | 6534.96                               | 6529.20                               | 5.76          |
|         |         |          |             | 4/2/2019   | 6300              | 6535.08                               | 6529.21                               | 5.87          |
|         |         |          |             | 4/9/2019   | 6307              | 6534.99                               | 6529.22                               | 5.77          |
|         |         |          |             | 4/16/2019  | 6314              | 6535.04                               | 6529.22                               | 5.82          |
|         |         |          |             | 4/23/2019  | 6321              | 6534.91                               | 6529.23                               | 5.68          |
|         |         |          |             | 4/30/2019  | 6328              | 6538.42                               | 6529.24                               | 9.18          |
|         |         |          |             | 5/7/2019   | 6335              | 6534.86                               | 6529.25                               | 5.61          |
|         |         |          |             | 5/14/2019  | 6342              | 6534.76                               | 6529.25                               | 5.51          |
|         |         |          |             | 5/21/2019  | 6349              | 6534.86                               | 6529.25                               | 5.61          |
|         |         |          |             | 5/29/2019  | 6357              | 6534.76                               | 6529.24                               | 5.52          |
|         |         |          |             | 6/4/2019   | 6363              | 6534.83                               | 6529.24                               | 5.59          |
|         |         |          |             | 6/11/2019  | 6370              | 6534.76                               | 6529.24                               | 5.52          |
|         |         |          |             | 7/2/2019   | 6391              | 6534.56                               | 6529.23                               | 5.33          |
|         |         |          |             | 7/9/2019   | 6398              | 6538.64                               | 6529.23                               | 9.41          |
|         |         |          |             | 7/16/2019  | 6405              | 6534.56                               | 6529.23                               | 5.33          |
|         |         |          |             | 7/23/2019  | 6412              | 6534.26                               | 6529.22                               | 5.04          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 7/30/2019  | 6419              | 6534.53                               | 6529.22                               | 5.31          |
|         |         |          |             | 8/6/2019   | 6426              | 6534.48                               | 6529.22                               | 5.26          |
|         |         |          |             | 8/13/2019  | 6433              | 6534.42                               | 6529.22                               | 5.20          |
|         |         |          |             | 8/20/2019  | 6440              | 6534.36                               | 6529.22                               | 5.14          |
|         |         |          |             | 8/27/2019  | 6447              | 6534.36                               | 6529.21                               | 5.15          |
|         |         |          |             | 9/3/2019   | 6454              | 6534.34                               | 6529.21                               | 5.13          |
|         |         |          |             | 9/10/2019  | 6461              | 6534.31                               | 6529.21                               | 5.10          |
|         |         |          |             | 9/17/2019  | 6468              | 6534.21                               | 6529.20                               | 5.01          |
|         |         |          |             | 9/24/2019  | 6475              | 6534.11                               | 6529.20                               | 4.91          |
|         |         |          |             | 10/1/2019  | 6482              | 6534.08                               | 6529.19                               | 4.89          |
|         |         |          |             | 10/8/2019  | 6489              | 6534.00                               | 6529.18                               | 4.82          |
|         |         |          |             | 10/15/2019 | 6496              | 6533.98                               | 6529.18                               | 4.80          |
|         |         |          |             | 10/22/2019 | 6503              | 6533.92                               | 6529.17                               | 4.75          |
|         |         |          |             | 10/29/2019 | 6510              | 6533.94                               | 6529.16                               | 4.78          |
|         |         |          |             | 11/5/2019  | 6517              | 6533.88                               | 6529.16                               | 4.72          |
|         |         |          |             | 11/12/2019 | 6524              | 6533.90                               | 6529.15                               | 4.75          |
|         |         |          |             | 11/19/2019 | 6531              | 6533.88                               | 6529.14                               | 4.74          |
|         |         |          |             | 11/26/2019 | 6538              | 6533.97                               | 6529.14                               | 4.83          |
|         |         |          |             | 12/3/2019  | 6545              | 6533.84                               | 6529.13                               | 4.71          |
|         |         |          |             | 12/10/2019 | 6552              | 6533.93                               | 6529.12                               | 4.81          |
|         |         |          |             | 12/17/2019 | 6559              | 6532.81                               | 6529.12                               | 3.69          |
|         |         |          |             | 12/24/2019 | 6566              | 6533.96                               | 6529.11                               | 4.85          |
|         |         |          |             | 12/31/2019 | 6573              | 6533.86                               | 6529.10                               | 4.76          |
|         |         |          |             | 6/8/2005   | 1254              | 6518.90                               | 6528.58                               | -9.68         |
|         |         |          |             | 8/29/2006  | 1702              | 6526.30                               | 6530.86                               | -4.56         |
|         |         |          |             | 7/3/2007   | 2009              | 6526.28                               | 6529.65                               | -3.37         |
|         |         |          |             | 7/15/2008  | 2387              | 6523.18                               | 6528.74                               | -5.56         |
|         |         |          |             | 8/6/2008   | 2410              | 6525.98                               | 6528.71                               | -2.73         |
|         |         |          |             | 12/4/2008  | 2530              | 6527.18                               | 6528.56                               | -1.38         |
|         |         |          |             | 1/27/2009  | 2583              | 6528.24                               | 6528.65                               | -0.41         |
|         |         |          |             | 2/24/2009  | 2611              | 6528.52                               | 6528.70                               | -0.18         |
|         |         |          |             | 2/24/2009  | 2612              | 6528.52                               | 6528.71                               | -0.19         |
|         |         |          |             | 1/18/2011  | 3304              | 6536.22                               | 6532.14                               | 4.08          |
|         |         |          |             | 4/5/2016   | 5208              | 6535.83                               | 6536.42                               | -0.59         |
|         |         |          |             | 4/12/2016  | 5215              | 6534.66                               | 6536.31                               | -1.65         |
|         |         |          |             | 4/19/2016  | 5222              | 6535.37                               | 6536.20                               | -0.83         |
|         |         |          |             | 5/10/2016  | 5243              | 6537.16                               | 6535.88                               | 1.28          |
|         |         |          |             | 5/17/2016  | 5250              | 6537.18                               | 6535.78                               | 1.40          |
|         |         |          |             | 5/24/2016  | 5257              | 6537.18                               | 6535.69                               | 1.49          |
|         |         |          |             | 5/31/2016  | 5264              | 6536.78                               | 6535.59                               | 1.19          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| SS         | 488,666 | 1,543,374 | 1           | 6/7/2016   | 5271              | 6536.92                               | 6535.49                               | 1.43          |
|            |         |           |             | 6/14/2016  | 5278              | 6535.53                               | 6535.40                               | 0.13          |
|            |         |           |             | 6/21/2016  | 5285              | 6535.38                               | 6535.30                               | 0.08          |
|            |         |           |             | 6/28/2016  | 5292              | 6535.13                               | 6535.20                               | -0.07         |
|            |         |           |             | 7/6/2016   | 5300              | 6536.48                               | 6535.09                               | 1.39          |
|            |         |           |             | 7/12/2016  | 5306              | 6536.33                               | 6535.01                               | 1.32          |
|            |         |           |             | 7/19/2016  | 5313              | 6535.40                               | 6534.92                               | 0.48          |
|            |         |           |             | 7/26/2016  | 5320              | 6535.53                               | 6534.83                               | 0.70          |
|            |         |           |             | 7/2/2019   | 6391              | 6531.98                               | 6527.36                               | 4.62          |
|            |         |           |             | 7/9/2019   | 6398              | 6532.16                               | 6527.36                               | 4.80          |
|            |         |           |             | 7/16/2019  | 6405              | 6531.98                               | 6527.37                               | 4.61          |
|            |         |           |             | 7/23/2019  | 6412              | 6531.63                               | 6527.37                               | 4.26          |
|            |         |           |             | 7/30/2019  | 6419              | 6531.95                               | 6527.38                               | 4.57          |
|            |         |           |             | 8/6/2019   | 6426              | 6531.73                               | 6527.38                               | 4.35          |
|            |         |           |             | 8/13/2019  | 6433              | 6522.02                               | 6527.39                               | -5.37         |
|            |         |           |             | 8/20/2019  | 6440              | 6531.78                               | 6527.39                               | 4.39          |
|            |         |           |             | 8/27/2019  | 6447              | 6531.98                               | 6527.40                               | 4.58          |
|            |         |           |             | 9/3/2019   | 6454              | 6531.79                               | 6527.40                               | 4.39          |
|            |         |           |             | 9/10/2019  | 6461              | 6531.88                               | 6527.41                               | 4.47          |
|            |         |           |             | 9/17/2019  | 6468              | 6532.88                               | 6527.41                               | 5.47          |
|            |         |           |             | 9/24/2019  | 6475              | 6531.48                               | 6527.40                               | 4.08          |
|            |         |           |             | 10/1/2019  | 6482              | 6531.58                               | 6527.40                               | 4.18          |
|            |         |           |             | 10/8/2019  | 6489              | 6531.46                               | 6527.40                               | 4.06          |
|            |         |           |             | 10/15/2019 | 6496              | 6531.39                               | 6527.40                               | 3.99          |
|            |         |           |             | 10/22/2019 | 6503              | 6531.40                               | 6527.39                               | 4.01          |
|            |         |           |             | 10/29/2019 | 6510              | 6531.39                               | 6527.39                               | 4.00          |
|            |         |           |             | 11/5/2019  | 6517              | 6531.32                               | 6527.39                               | 3.93          |
|            |         |           |             | 11/12/2019 | 6524              | 6531.92                               | 6527.39                               | 4.53          |
|            |         |           |             | 11/19/2019 | 6531              | 6531.36                               | 6527.38                               | 3.98          |
|            |         |           |             | 11/26/2019 | 6538              | 6531.48                               | 6527.38                               | 4.10          |
|            |         |           |             | 12/3/2019  | 6545              | 6531.33                               | 6527.38                               | 3.95          |
|            |         |           |             | 12/10/2019 | 6552              | 6531.42                               | 6527.37                               | 4.05          |
|            |         |           |             | 12/17/2019 | 6559              | 6531.18                               | 6527.37                               | 3.81          |
| 12/24/2019 | 6566    | 6531.43   | 6527.37     | 4.06       |                   |                                       |                                       |               |
| 12/31/2019 | 6573    | 6531.28   | 6527.37     | 3.91       |                   |                                       |                                       |               |
| 4/30/2002  | 119     |           |             | 6527.00    | 6525.86           | 1.14                                  |                                       |               |
| 4/23/2003  | 478     |           |             | 6527.22    | 6525.86           | 1.36                                  |                                       |               |
| 1/16/2004  | 746     |           |             | 6527.26    | 6526.11           | 1.15                                  |                                       |               |
| 5/5/2004   | 855     |           |             | 6527.05    | 6526.89           | 0.16                                  |                                       |               |
| 12/21/2004 | 1086    |           |             | 6527.42    | 6528.04           | -0.62                                 |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| SUB1       | 489,100 | 1,537,620 | 1           | 4/13/2005  | 1199              | 6526.80                               | 6527.87                               | -1.07         |
|            |         |           |             | 4/11/2006  | 1562              | 6524.90                               | 6527.79                               | -2.89         |
|            |         |           |             | 10/19/2006 | 1752              | 6522.70                               | 6527.99                               | -5.29         |
|            |         |           |             | 4/11/2007  | 1927              | 6524.90                               | 6527.97                               | -3.07         |
|            |         |           |             | 10/2/2007  | 2101              | 6522.94                               | 6527.81                               | -4.87         |
|            |         |           |             | 12/13/2007 | 2172              | 6525.30                               | 6527.75                               | -2.45         |
|            |         |           |             | 4/21/2009  | 2668              | 6525.84                               | 6527.13                               | -1.29         |
|            |         |           |             | 4/28/2010  | 3039              | 6526.00                               | 6527.58                               | -1.58         |
|            |         |           |             | 10/12/2011 | 3571              | 6527.92                               | 6528.97                               | -1.05         |
|            |         |           |             | 5/3/2012   | 3776              | 6527.69                               | 6529.37                               | -1.68         |
|            |         |           |             | 10/6/2012  | 3931              | 6527.00                               | 6529.64                               | -2.64         |
| 5/1/2013   | 4139    | 6528.72   | 6529.83     | -1.11      |                   |                                       |                                       |               |
| SUB2       | 490,370 | 1,537,392 | 1           | 1/16/2004  | 746               | 6526.77                               | 6526.21                               | 0.56          |
|            |         |           |             | 5/5/2004   | 855               | 6527.47                               | 6526.66                               | 0.81          |
|            |         |           |             | 5/29/2014  | 4532              | 6526.72                               | 6530.29                               | -3.57         |
|            |         |           |             | 4/10/2018  | 5943              | 6525.66                               | 6530.73                               | -5.07         |
|            |         |           |             | 4/3/2019   | 6301              | 6524.11                               | 6529.78                               | -5.67         |
| SUB3       | 489,420 | 1,538,280 | 1           | 4/25/2002  | 115               | 6528.27                               | 6526.68                               | 1.59          |
|            |         |           |             | 4/23/2003  | 478               | 6528.27                               | 6526.68                               | 1.59          |
|            |         |           |             | 1/16/2004  | 746               | 6528.47                               | 6527.07                               | 1.40          |
|            |         |           |             | 5/5/2004   | 856               | 6528.31                               | 6528.05                               | 0.26          |
|            |         |           |             | 12/21/2004 | 1085              | 6528.67                               | 6529.22                               | -0.55         |
|            |         |           |             | 4/13/2005  | 1199              | 6528.24                               | 6529.09                               | -0.85         |
|            |         |           |             | 11/9/2005  | 1409              | 6527.57                               | 6528.99                               | -1.42         |
|            |         |           |             | 1/11/2006  | 1471              | 6528.27                               | 6528.99                               | -0.72         |
|            |         |           |             | 4/11/2006  | 1562              | 6527.21                               | 6529.08                               | -1.87         |
|            |         |           |             | 10/19/2006 | 1752              | 6524.65                               | 6529.27                               | -4.62         |
|            |         |           |             | 10/27/2006 | 1760              | 6525.09                               | 6529.27                               | -4.18         |
|            |         |           |             | 4/11/2007  | 1927              | 6526.29                               | 6529.12                               | -2.83         |
|            |         |           |             | 10/5/2007  | 2104              | 6525.07                               | 6528.90                               | -3.83         |
|            |         |           |             | 12/13/2007 | 2173              | 6526.49                               | 6528.84                               | -2.35         |
|            |         |           |             | 4/8/2008   | 2290              | 6525.59                               | 6528.63                               | -3.04         |
|            |         |           |             | 10/10/2008 | 2475              | 6522.17                               | 6528.27                               | -6.10         |
|            |         |           |             | 4/21/2009  | 2668              | 6527.24                               | 6528.20                               | -0.96         |
|            |         |           |             | 10/7/2009  | 2837              | 6522.17                               | 6528.36                               | -6.19         |
|            |         |           |             | 12/15/2009 | 2905              | 6525.99                               | 6528.44                               | -2.45         |
| 4/28/2010  | 3039    | 6527.11   | 6528.49     | -1.38      |                   |                                       |                                       |               |
| 10/23/2010 | 3218    | 6524.77   | 6528.68     | -3.91      |                   |                                       |                                       |               |
| 5/14/2011  | 3421    | 6528.47   | 6529.28     | -0.81      |                   |                                       |                                       |               |
| 10/12/2011 | 3571    | 6529.17   | 6529.73     | -0.56      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 5/3/2012   | 3776              | 6528.74                               | 6530.19                               | -1.45         |
|           |         |           |             | 10/6/2012  | 3932              | 6528.21                               | 6530.47                               | -2.26         |
|           |         |           |             | 5/1/2013   | 4138              | 6529.69                               | 6530.63                               | -0.94         |
|           |         |           |             | 5/29/2014  | 4532              | 6527.17                               | 6531.00                               | -3.83         |
|           |         |           |             | 10/27/2017 | 5778              | 6521.74                               | 6531.49                               | -9.75         |
|           |         |           |             | 4/10/2018  | 5943              | 6517.91                               | 6531.25                               | -13.34        |
|           |         |           |             | 12/4/2018  | 6181              | 6516.43                               | 6530.72                               | -14.29        |
|           |         |           |             | 4/3/2019   | 6301              | 6510.38                               | 6530.20                               | -19.82        |
| SV        | 488,813 | 1,543,676 | 1           | 6/27/2002  | 178               | 6512.95                               | 6523.46                               | -10.51        |
|           |         |           |             | 6/8/2005   | 1255              | 6520.25                               | 6530.46                               | -10.21        |
|           |         |           |             | 8/29/2006  | 1701              | 6525.77                               | 6531.98                               | -6.21         |
|           |         |           |             | 7/15/2008  | 2387              | 6527.28                               | 6530.56                               | -3.28         |
|           |         |           |             | 6/30/2009  | 2737              | 6531.89                               | 6530.76                               | 1.13          |
|           |         |           |             | 11/24/2013 | 4345              | 6539.59                               | 6539.38                               | 0.21          |
|           |         |           |             | 6/12/2015  | 4911              | 6540.35                               | 6539.93                               | 0.42          |
|           |         |           |             | 3/23/2017  | 5561              | 6537.25                               | 6534.36                               | 2.89          |
| 2/15/2018 | 5890    | 6537.34   | 6530.99     | 6.35       |                   |                                       |                                       |               |
| SW        | 488,812 | 1,543,783 | 1           | 5/29/2003  | 513               | 6517.85                               | 6526.17                               | -8.32         |
|           |         |           |             | 5/20/2004  | 870               | 6521.95                               | 6528.29                               | -6.34         |
|           |         |           |             | 5/11/2005  | 1227              | 6527.96                               | 6530.96                               | -3.00         |
|           |         |           |             | 5/30/2007  | 1976              | 6529.71                               | 6532.68                               | -2.97         |
|           |         |           |             | 5/20/2008  | 2331              | 6528.08                               | 6532.14                               | -4.06         |
|           |         |           |             | 12/7/2012  | 3994              | 6538.04                               | 6539.06                               | -1.02         |
|           |         |           |             | 5/29/2014  | 4532              | 6540.39                               | 6540.55                               | -0.16         |
|           |         |           |             | 5/13/2015  | 4881              | 6539.76                               | 6540.76                               | -1.00         |
|           |         |           |             | 5/4/2017   | 5603              | 6535.84                               | 6534.99                               | 0.85          |
|           |         |           |             | 5/3/2018   | 5966              | 6533.89                               | 6530.96                               | 2.93          |
| 6/12/2019 | 6371    | 6535.59   | 6529.71     | 5.88       |                   |                                       |                                       |               |
|           |         |           |             | 12/9/2004  | 1073              | 6537.17                               | 6533.02                               | 4.15          |
|           |         |           |             | 12/3/2005  | 1432              | 6539.86                               | 6535.39                               | 4.47          |
|           |         |           |             | 1/12/2006  | 1473              | 6539.69                               | 6535.61                               | 4.08          |
|           |         |           |             | 12/21/2006 | 1816              | 6542.37                               | 6536.53                               | 5.84          |
|           |         |           |             | 2/1/2007   | 1858              | 6541.87                               | 6536.59                               | 5.28          |
|           |         |           |             | 11/13/2007 | 2143              | 6541.10                               | 6536.45                               | 4.65          |
|           |         |           |             | 1/16/2008  | 2207              | 6540.88                               | 6536.42                               | 4.46          |
|           |         |           |             | 12/4/2008  | 2530              | 6540.96                               | 6536.37                               | 4.59          |
|           |         |           |             | 1/27/2009  | 2583              | 6541.39                               | 6536.40                               | 4.99          |
|           |         |           |             | 12/10/2009 | 2901              | 6542.48                               | 6536.82                               | 5.66          |
|           |         |           |             | 12/14/2010 | 3270              | 6542.67                               | 6538.43                               | 4.24          |
|           |         |           |             | 1/18/2011  | 3305              | 6540.91                               | 6538.60                               | 2.31          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| SZ         | 488,833 | 1,544,367 | 1           | 12/6/2011  | 3626              | 6543.27                               | 6540.54                               | 2.73          |
|            |         |           |             | 11/14/2012 | 3970              | 6543.52                               | 6541.53                               | 1.99          |
|            |         |           |             | 12/7/2012  | 3994              | 6543.66                               | 6541.58                               | 2.08          |
|            |         |           |             | 1/17/2013  | 4035              | 6543.43                               | 6541.67                               | 1.76          |
|            |         |           |             | 12/13/2013 | 4364              | 6544.02                               | 6542.78                               | 1.24          |
|            |         |           |             | 2/11/2014  | 4424              | 6544.39                               | 6542.98                               | 1.41          |
|            |         |           |             | 2/6/2015   | 4784              | 6545.22                               | 6543.51                               | 1.71          |
|            |         |           |             | 11/25/2015 | 5076              | 6545.36                               | 6543.27                               | 2.09          |
|            |         |           |             | 1/29/2016  | 5142              | 6544.22                               | 6543.02                               | 1.20          |
|            |         |           |             | 12/13/2016 | 5460              | 6543.27                               | 6539.36                               | 3.91          |
|            |         |           |             | 1/17/2017  | 5496              | 6542.09                               | 6539.08                               | 3.01          |
|            |         |           |             | 12/6/2017  | 5818              | 6540.26                               | 6537.68                               | 2.58          |
|            |         |           |             | 1/17/2018  | 5861              | 6542.36                               | 6537.39                               | 4.97          |
|            |         |           |             | 12/27/2018 | 6204              | 6540.60                               | 6533.66                               | 6.94          |
|            |         |           |             | 1/10/2019  | 6218              | 6540.34                               | 6533.55                               | 6.79          |
| 12/11/2019 | 6553    | 6538.98   | 6534.09     | 4.89       |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6538.85   | 6534.09     | 4.76       |                   |                                       |                                       |               |
| T10        | 492,791 | 1,543,434 | 1           | 12/7/2002  | 340               | 6547.83                               | 6549.25                               | -1.42         |
|            |         |           |             | 12/12/2003 | 711               | 6551.54                               | 6551.41                               | 0.13          |
|            |         |           |             | 6/24/2004  | 905               | 6550.45                               | 6552.78                               | -2.33         |
|            |         |           |             | 12/10/2004 | 1075              | 6547.91                               | 6553.73                               | -5.82         |
|            |         |           |             | 4/4/2006   | 1554              | 6554.28                               | 6554.89                               | -0.61         |
|            |         |           |             | 12/11/2007 | 2170              | 6555.15                               | 6555.76                               | -0.61         |
|            |         |           |             | 9/11/2008  | 2446              | 6552.02                               | 6555.78                               | -3.76         |
|            |         |           |             | 8/25/2009  | 2794              | 6551.26                               | 6556.61                               | -5.35         |
|            |         |           |             | 3/31/2010  | 3012              | 6556.62                               | 6557.01                               | -0.39         |
|            |         |           |             | 7/29/2015  | 4957              | 6555.47                               | 6554.48                               | 0.99          |
| T11        | 489,887 | 1,544,585 | 1           | 12/7/2002  | 340               | 6528.24                               | 6530.12                               | -1.88         |
|            |         |           |             | 12/12/2003 | 711               | 6529.81                               | 6531.94                               | -2.13         |
|            |         |           |             | 6/24/2004  | 905               | 6529.63                               | 6533.46                               | -3.83         |
|            |         |           |             | 12/10/2004 | 1075              | 6529.24                               | 6534.62                               | -5.38         |
|            |         |           |             | 4/4/2006   | 1554              | 6531.11                               | 6537.64                               | -6.53         |
|            |         |           |             | 12/11/2007 | 2171              | 6534.31                               | 6538.94                               | -4.63         |
|            |         |           |             | 9/13/2008  | 2448              | 6535.73                               | 6539.03                               | -3.30         |
|            |         |           |             | 8/25/2009  | 2794              | 6537.59                               | 6539.46                               | -1.87         |
|            |         |           |             | 11/13/2014 | 4699              | 6545.29                               | 6544.58                               | 0.71          |
|            |         |           |             | 7/28/2015  | 4957              | 6544.57                               | 6544.87                               | -0.30         |
|            |         |           |             | 3/30/2017  | 5568              | 6539.69                               | 6540.56                               | -0.87         |
|            |         |           |             | 12/10/2004 | 1075              | 6558.23                               | 6535.32                               | 22.91         |
|            |         |           |             | 4/4/2006   | 1555              | 6572.13                               | 6538.37                               | 33.76         |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| T12     | 490,317 | 1,544,583 | 1           | 12/11/2007 | 2171              | 6564.16                               | 6539.85                               | 24.31         |
|         |         |           |             | 9/17/2008  | 2451              | 6572.05                               | 6539.94                               | 32.11         |
|         |         |           |             | 8/25/2009  | 2794              | 6571.92                               | 6540.40                               | 31.52         |
|         |         |           |             | 5/2/2013   | 4139              | 6567.46                               | 6542.89                               | 24.57         |
|         |         |           |             | 11/13/2014 | 4699              | 6564.69                               | 6545.08                               | 19.61         |
|         |         |           |             | 7/28/2015  | 4957              | 6559.93                               | 6545.44                               | 14.49         |
| T15     | 491,953 | 1,544,480 | 1           | 3/18/2010  | 2999              | 6550.29                               | 6548.48                               | 1.81          |
|         |         |           |             | 11/26/2014 | 4713              | 6548.78                               | 6550.27                               | -1.49         |
|         |         |           |             | 6/10/2015  | 4908              | 6548.47                               | 6550.24                               | -1.77         |
|         |         |           |             | 3/13/2018  | 5916              | 6544.59                               | 6545.08                               | -0.49         |
|         |         |           |             | 12/11/2019 | 6554              | 6544.44                               | 6542.24                               | 2.20          |
| T16     | 492,718 | 1,544,276 | 1           | 11/26/2014 | 4712              | 6547.33                               | 6554.38                               | -7.05         |
|         |         |           |             | 5/16/2015  | 4884              | 6548.69                               | 6554.14                               | -5.45         |
|         |         |           |             | 3/13/2018  | 5916              | 6546.42                               | 6548.94                               | -2.52         |
| T17     | 489,430 | 1,544,008 | 1           | 6/25/2004  | 907               | 6527.33                               | 6530.64                               | -3.31         |
|         |         |           |             | 12/10/2004 | 1075              | 6528.52                               | 6531.73                               | -3.21         |
|         |         |           |             | 4/4/2006   | 1555              | 6530.20                               | 6535.14                               | -4.94         |
|         |         |           |             | 2/14/2008  | 2236              | 6532.23                               | 6535.68                               | -3.45         |
|         |         |           |             | 1/29/2009  | 2585              | 6533.93                               | 6535.61                               | -1.68         |
|         |         |           |             | 1/22/2011  | 3309              | 6538.85                               | 6537.50                               | 1.35          |
|         |         |           |             | 11/13/2014 | 4699              | 6543.25                               | 6542.29                               | 0.96          |
|         |         |           |             | 5/15/2015  | 4883              | 6543.48                               | 6542.50                               | 0.98          |
| T18     | 490,333 | 1,543,977 | 1           | 12/7/2002  | 340               | 6528.58                               | 6527.96                               | 0.62          |
|         |         |           |             | 12/12/2003 | 711               | 6530.31                               | 6529.50                               | 0.81          |
|         |         |           |             | 1/23/2004  | 753               | 6529.26                               | 6530.09                               | -0.83         |
|         |         |           |             | 4/4/2006   | 1555              | 6532.04                               | 6536.95                               | -4.91         |
|         |         |           |             | 1/29/2009  | 2585              | 6538.90                               | 6538.15                               | 0.75          |
|         |         |           |             | 1/22/2011  | 3309              | 6539.26                               | 6539.61                               | -0.35         |
|         |         |           |             | 11/13/2014 | 4699              | 6544.09                               | 6543.28                               | 0.81          |
|         |         |           |             | 5/16/2015  | 4884              | 6544.48                               | 6543.68                               | 0.80          |
| T19     | 490,722 | 1,543,958 | 1           | 6/25/2004  | 906               | 6531.76                               | 6533.38                               | -1.62         |
|         |         |           |             | 6/25/2004  | 907               | 6531.76                               | 6533.38                               | -1.62         |
|         |         |           |             | 12/10/2004 | 1075              | 6531.42                               | 6534.80                               | -3.38         |
|         |         |           |             | 4/5/2006   | 1556              | 6535.12                               | 6538.26                               | -3.14         |
|         |         |           |             | 9/17/2008  | 2451              | 6539.36                               | 6539.60                               | -0.24         |
|         |         |           |             | 1/29/2009  | 2585              | 6540.78                               | 6539.68                               | 1.10          |
|         |         |           |             | 1/22/2011  | 3309              | 6545.62                               | 6541.06                               | 4.56          |
|         |         |           |             | 11/13/2014 | 4699              | 6549.83                               | 6544.23                               | 5.60          |
|         |         |           |             | 5/16/2015  | 4884              | 6552.43                               | 6544.56                               | 7.87          |
|         |         |           |             | 11/10/2017 | 5793              | 6539.55                               | 6537.74                               | 1.81          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 6/7/2018   | 6001              | 6541.95                               | 6535.43                               | 6.52          |
|            |         |           |             | 6/5/2019   | 6364              | 6540.91                               | 6534.17                               | 6.74          |
| T2         | 489,303 | 1,543,538 | 1           | 4/12/2002  | 101               | 6527.33                               | 6523.72                               | 3.61          |
|            |         |           |             | 12/7/2002  | 341               | 6528.54                               | 6523.92                               | 4.62          |
|            |         |           |             | 12/12/2003 | 711               | 6530.02                               | 6526.47                               | 3.55          |
|            |         |           |             | 1/23/2004  | 752               | 6531.94                               | 6526.55                               | 5.39          |
|            |         |           |             | 7/13/2004  | 925               | 6532.58                               | 6527.85                               | 4.73          |
|            |         |           |             | 12/10/2004 | 1075              | 6534.74                               | 6528.81                               | 5.93          |
|            |         |           |             | 6/9/2005   | 1256              | 6535.90                               | 6530.76                               | 5.14          |
|            |         |           |             | 7/12/2005  | 1289              | 6534.92                               | 6531.07                               | 3.85          |
|            |         |           |             | 8/29/2006  | 1701              | 6537.92                               | 6533.11                               | 4.81          |
|            |         |           |             | 8/15/2007  | 2053              | 6538.51                               | 6532.66                               | 5.85          |
|            |         |           |             | 11/21/2007 | 2151              | 6537.66                               | 6532.48                               | 5.18          |
|            |         |           |             | 9/11/2008  | 2446              | 6538.38                               | 6532.62                               | 5.76          |
|            |         |           |             | 8/25/2009  | 2793              | 6541.84                               | 6532.61                               | 9.23          |
|            |         |           |             | 3/17/2010  | 2998              | 6542.22                               | 6533.13                               | 9.09          |
|            |         |           |             | 12/11/2012 | 3997              | 6546.42                               | 6538.11                               | 8.31          |
|            |         |           |             | 11/23/2013 | 4344              | 6547.78                               | 6539.31                               | 8.47          |
|            |         |           |             | 11/19/2014 | 4705              | 6548.62                               | 6540.08                               | 8.54          |
|            |         |           |             | 7/28/2015  | 4957              | 6548.76                               | 6540.53                               | 8.23          |
|            |         |           |             | 12/13/2017 | 5826              | 6543.12                               | 6532.57                               | 10.55         |
|            |         |           |             | 4/10/2018  | 5944              | 6545.02                               | 6529.59                               | 15.43         |
| 6/22/2018  | 6017    | 6550.36   | 6528.51     | 21.85      |                   |                                       |                                       |               |
| 9/19/2018  | 6106    | 6550.36   | 6527.39     | 22.97      |                   |                                       |                                       |               |
| 12/12/2018 | 6189    | 6550.82   | 6526.50     | 24.32      |                   |                                       |                                       |               |
|            |         |           |             | 6/5/2019   | 6364              | 6548.82                               | 6529.03                               | 19.79         |
| T20        | 491,048 | 1,543,935 | 1           | 6/25/2004  | 906               | 6534.21                               | 6534.74                               | -0.53         |
|            |         |           |             | 6/25/2004  | 906               | 6534.21                               | 6534.74                               | -0.53         |
|            |         |           |             | 12/10/2004 | 1075              | 6533.89                               | 6536.18                               | -2.29         |
|            |         |           |             | 4/5/2006   | 1556              | 6536.33                               | 6539.46                               | -3.13         |
|            |         |           |             | 9/17/2008  | 2451              | 6539.43                               | 6540.90                               | -1.47         |
|            |         |           |             | 1/29/2009  | 2586              | 6539.33                               | 6540.99                               | -1.66         |
|            |         |           |             | 1/22/2011  | 3309              | 6542.39                               | 6542.34                               | 0.05          |
|            |         |           |             | 6/24/2015  | 4922              | 6533.13                               | 6545.46                               | -12.33        |
|            |         |           |             | 3/9/2018   | 5912              | 6540.59                               | 6537.74                               | 2.85          |
|            |         |           |             | 3/15/2018  | 5918              | 6540.65                               | 6537.67                               | 2.98          |
|            |         |           |             | 3/24/2018  | 5926              | 6550.99                               | 6537.57                               | 13.42         |
|            |         |           |             | 6/28/2018  | 6023              | 6541.19                               | 6536.54                               | 4.65          |
|            |         |           |             | 9/25/2018  | 6112              | 6590.49                               | 6535.67                               | 54.82         |
| 12/12/2018 | 6189    | 6539.83   | 6535.00     | 4.83       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| T21        | 491,882 | 1,543,951 | 1           | 6/24/2004  | 906               | 6539.11                               | 6542.76                               | -3.65         |
|            |         |           |             | 12/10/2004 | 1075              | 6536.81                               | 6544.08                               | -7.27         |
|            |         |           |             | 10/29/2005 | 1397              | 6538.24                               | 6545.89                               | -7.65         |
|            |         |           |             | 4/6/2006   | 1556              | 6543.82                               | 6546.36                               | -2.54         |
|            |         |           |             | 12/11/2007 | 2171              | 6560.56                               | 6547.68                               | 12.88         |
|            |         |           |             | 1/17/2008  | 2208              | 6559.70                               | 6547.71                               | 11.99         |
|            |         |           |             | 1/29/2009  | 2586              | 6559.10                               | 6547.88                               | 11.22         |
|            |         |           |             | 1/22/2011  | 3309              | 6550.89                               | 6549.28                               | 1.61          |
|            |         |           |             | 5/2/2013   | 4139              | 6549.82                               | 6548.24                               | 1.58          |
|            |         |           |             | 11/20/2014 | 4707              | 6556.90                               | 6550.27                               | 6.63          |
|            |         |           |             | 6/10/2015  | 4908              | 6548.67                               | 6550.13                               | -1.46         |
|            |         |           |             | 12/12/2017 | 5824              | 6540.36                               | 6543.70                               | -3.34         |
|            |         |           |             | 3/9/2018   | 5912              | 6542.01                               | 6543.12                               | -1.11         |
| T22        | 492,311 | 1,543,876 | 1           | 3/31/2004  | 820               | 6562.41                               | 6547.25                               | 15.16         |
|            |         |           |             | 10/29/2005 | 1397              | 6536.39                               | 6550.51                               | -14.12        |
|            |         |           |             | 4/4/2006   | 1555              | 6545.81                               | 6550.81                               | -5.00         |
|            |         |           |             | 12/11/2007 | 2171              | 6557.41                               | 6551.87                               | 5.54          |
|            |         |           |             | 9/17/2008  | 2451              | 6556.09                               | 6551.94                               | 4.15          |
|            |         |           |             | 8/25/2009  | 2794              | 6554.25                               | 6552.83                               | 1.42          |
|            |         |           |             | 3/31/2010  | 3012              | 6554.86                               | 6553.30                               | 1.56          |
|            |         |           |             | 6/10/2015  | 4909              | 6567.39                               | 6552.76                               | 14.63         |
|            |         |           |             | 7/29/2015  | 4957              | 6556.26                               | 6552.58                               | 3.68          |
|            |         |           |             | 12/13/2017 | 5825              | 6545.39                               | 6546.46                               | -1.07         |
|            |         |           |             | 3/9/2018   | 5912              | 6534.88                               | 6545.87                               | -10.99        |
|            |         |           |             | 4/4/2018   | 5938              | 6543.14                               | 6545.69                               | -2.55         |
|            |         |           |             | 6/28/2018  | 6022              | 6544.27                               | 6545.12                               | -0.85         |
| 9/25/2018  | 6112    | 6544.09   | 6544.54     | -0.45      |                   |                                       |                                       |               |
| 12/12/2018 | 6190    | 6543.77   | 6544.05     | -0.28      |                   |                                       |                                       |               |
| T23        | 492,805 | 1,543,901 | 1           | 11/26/2014 | 4713              | 6547.80                               | 6555.17                               | -7.37         |
|            |         |           |             | 6/10/2015  | 4909              | 6548.47                               | 6554.78                               | -6.31         |
|            |         |           |             | 6/8/2018   | 6002              | 6545.70                               | 6548.27                               | -2.57         |
|            |         |           |             | 6/5/2019   | 6365              | 6545.01                               | 6546.26                               | -1.25         |
| T25        | 489,996 | 1,543,352 | 1           | 8/13/2014  | 4607              | 6539.95                               | 6539.74                               | 0.21          |
|            |         |           |             | 4/1/2017   | 5570              | 6534.98                               | 6532.68                               | 2.30          |
|            |         |           |             | 1/19/2018  | 5862              | 6532.07                               | 6530.17                               | 1.90          |
|            |         |           |             | 1/31/2019  | 6240              | 6535.64                               | 6526.55                               | 9.09          |
|            |         |           |             | 4/30/2019  | 6328              | 6536.54                               | 6528.30                               | 8.24          |
|            |         |           |             | 5/29/2019  | 6357              | 6536.49                               | 6528.55                               | 7.94          |
|            |         |           |             | 6/25/2019  | 6384              | 6535.84                               | 6528.71                               | 7.13          |
| 7/30/2019  | 6419    | 6535.29   | 6528.91     | 6.38       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 8/27/2019  | 6447              | 6535.79                               | 6529.08                               | 6.71          |
|         |         |           |             | 10/1/2019  | 6482              | 6533.53                               | 6529.22                               | 4.31          |
|         |         |           |             | 10/29/2019 | 6510              | 6535.04                               | 6529.30                               | 5.74          |
| T39     | 491,669 | 1,544,498 | 1           | 11/26/2014 | 4713              | 6551.03                               | 6548.36                               | 2.67          |
|         |         |           |             | 6/10/2015  | 4908              | 6549.53                               | 6548.48                               | 1.05          |
|         |         |           |             | 3/13/2018  | 5916              | 6545.31                               | 6543.35                               | 1.96          |
| T40     | 491,466 | 1,543,819 | 1           | 6/25/2004  | 906               | 6534.27                               | 6537.32                               | -3.05         |
|         |         |           |             | 12/10/2004 | 1075              | 6534.80                               | 6538.77                               | -3.97         |
|         |         |           |             | 4/6/2006   | 1556              | 6536.97                               | 6541.75                               | -4.78         |
|         |         |           |             | 9/17/2008  | 2451              | 6538.77                               | 6543.21                               | -4.44         |
|         |         |           |             | 1/29/2009  | 2586              | 6539.11                               | 6543.31                               | -4.20         |
|         |         |           |             | 1/22/2011  | 3309              | 6540.74                               | 6544.70                               | -3.96         |
|         |         |           |             | 6/10/2015  | 4909              | 6540.87                               | 6546.92                               | -6.05         |
|         |         |           |             | 12/13/2017 | 5825              | 6539.37                               | 6539.88                               | -0.51         |
| T5      | 490,289 | 1,543,307 | 1           | 3/9/2018   | 5912              | 6540.09                               | 6539.22                               | 0.87          |
|         |         |           |             | 12/7/2002  | 340               | 6532.02                               | 6523.68                               | 8.34          |
|         |         |           |             | 12/12/2003 | 711               | 6533.35                               | 6526.48                               | 6.87          |
|         |         |           |             | 1/23/2004  | 753               | 6533.58                               | 6526.94                               | 6.64          |
|         |         |           |             | 12/10/2004 | 1075              | 6530.24                               | 6530.20                               | 0.04          |
|         |         |           |             | 3/21/2006  | 1541              | 6534.75                               | 6534.37                               | 0.38          |
|         |         |           |             | 11/21/2007 | 2151              | 6533.19                               | 6535.27                               | -2.08         |
|         |         |           |             | 9/11/2008  | 2446              | 6532.99                               | 6534.97                               | -1.98         |
| T50     | 489,707 | 1,544,416 | 1           | 8/25/2009  | 2793              | 6534.94                               | 6535.51                               | -0.57         |
|         |         |           |             | 3/18/2010  | 2999              | 6535.27                               | 6535.86                               | -0.59         |
| T51     | 489,914 | 1,544,397 | 1           | 6/5/2014   | 4539              | 6544.55                               | 6543.57                               | 0.98          |
|         |         |           |             | 3/31/2017  | 5568              | 6539.62                               | 6539.39                               | 0.23          |
| T6      | 490,655 | 1,543,282 | 1           | 6/4/2014   | 4538              | 6546.26                               | 6543.70                               | 2.56          |
|         |         |           |             | 3/30/2017  | 5568              | 6540.05                               | 6539.50                               | 0.55          |
|         |         |           |             | 3/15/2018  | 5917              | 6536.16                               | 6537.20                               | -1.04         |
|         |         |           |             | 12/12/2003 | 711               | 6549.40                               | 6527.45                               | 21.95         |
|         |         |           |             | 3/31/2004  | 820               | 6543.87                               | 6528.77                               | 15.10         |
|         |         |           |             | 12/10/2004 | 1075              | 6531.72                               | 6531.43                               | 0.29          |
|         |         |           |             | 3/21/2006  | 1541              | 6533.68                               | 6535.58                               | -1.90         |
|         |         |           |             | 1/17/2008  | 2207              | 6533.77                               | 6537.00                               | -3.23         |
|         |         |           |             | 1/27/2009  | 2584              | 6534.49                               | 6536.67                               | -2.18         |
|         |         |           |             | 8/25/2009  | 2793              | 6534.99                               | 6537.26                               | -2.27         |
| T6      | 490,655 | 1,543,282 | 1           | 3/18/2010  | 2999              | 6536.77                               | 6537.61                               | -0.84         |
|         |         |           |             | 1/22/2011  | 3308              | 6536.66                               | 6537.99                               | -1.33         |
|         |         |           |             | 11/19/2014 | 4706              | 6541.67                               | 6540.89                               | 0.78          |
|         |         |           |             | 5/15/2015  | 4883              | 6542.02                               | 6541.63                               | 0.39          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 5/19/2015  | 4887              | 6542.93                               | 6541.65                               | 1.28          |
| T7        | 491,484 | 1,543,272 | 1           | 12/7/2002  | 340               | 6532.66                               | 6531.90                               | 0.76          |
|           |         |           |             | 12/12/2003 | 711               | 6533.32                               | 6534.61                               | -1.29         |
|           |         |           |             | 3/31/2004  | 821               | 6533.04                               | 6535.80                               | -2.76         |
|           |         |           |             | 12/10/2004 | 1075              | 6534.67                               | 6538.36                               | -3.69         |
|           |         |           |             | 3/22/2006  | 1542              | 6537.06                               | 6541.64                               | -4.58         |
|           |         |           |             | 1/17/2008  | 2208              | 6537.47                               | 6543.43                               | -5.96         |
|           |         |           |             | 1/27/2009  | 2584              | 6538.07                               | 6543.13                               | -5.06         |
|           |         |           |             | 3/30/2010  | 3011              | 6538.89                               | 6544.42                               | -5.53         |
|           |         |           |             | 1/22/2011  | 3308              | 6539.19                               | 6544.56                               | -5.37         |
|           |         |           |             | 11/19/2014 | 4706              | 6544.05                               | 6545.93                               | -1.88         |
|           |         |           |             | 5/15/2015  | 4883              | 6545.29                               | 6546.02                               | -0.73         |
|           |         |           |             | 5/19/2015  | 4887              | 6547.63                               | 6546.02                               | 1.61          |
|           |         |           |             | 3/13/2018  | 5916              | 6540.81                               | 6535.95                               | 4.86          |
| T8        | 491,914 | 1,543,296 | 1           | 12/7/2002  | 340               | 6535.65                               | 6538.61                               | -2.96         |
|           |         |           |             | 12/12/2003 | 711               | 6535.36                               | 6541.17                               | -5.81         |
|           |         |           |             | 6/23/2004  | 905               | 6535.21                               | 6543.01                               | -7.80         |
|           |         |           |             | 12/10/2004 | 1075              | 6535.01                               | 6544.42                               | -9.41         |
|           |         |           |             | 10/20/2005 | 1389              | 6536.45                               | 6546.18                               | -9.73         |
|           |         |           |             | 10/29/2005 | 1397              | 6535.51                               | 6546.23                               | -10.72        |
|           |         |           |             | 3/22/2006  | 1542              | 6536.01                               | 6546.89                               | -10.88        |
|           |         |           |             | 12/11/2007 | 2170              | 6538.08                               | 6548.53                               | -10.45        |
|           |         |           |             | 9/11/2008  | 2446              | 6538.27                               | 6548.36                               | -10.09        |
|           |         |           |             | 1/27/2009  | 2584              | 6539.01                               | 6548.45                               | -9.44         |
|           |         |           |             | 3/31/2010  | 3012              | 6539.84                               | 6549.71                               | -9.87         |
|           |         |           |             | 1/22/2011  | 3309              | 6539.91                               | 6549.70                               | -9.79         |
|           |         |           |             | 11/19/2014 | 4706              | 6543.63                               | 6550.21                               | -6.58         |
| 5/15/2015 | 4883    | 6545.07   | 6549.92     | -4.85      |                   |                                       |                                       |               |
| 3/13/2018 | 5915    | 6541.28   | 6540.29     | 0.99       |                   |                                       |                                       |               |
| T9        | 492,337 | 1,543,347 | 1           | 12/7/2002  | 340               | 6565.69                               | 6544.26                               | 21.43         |
|           |         |           |             | 12/12/2003 | 711               | 6567.75                               | 6546.69                               | 21.06         |
|           |         |           |             | 6/23/2004  | 905               | 6569.81                               | 6548.29                               | 21.52         |
|           |         |           |             | 12/10/2004 | 1075              | 6562.29                               | 6549.47                               | 12.82         |
|           |         |           |             | 3/22/2006  | 1542              | 6563.75                               | 6551.21                               | 12.54         |
|           |         |           |             | 12/11/2007 | 2170              | 6541.92                               | 6552.51                               | -10.59        |
|           |         |           |             | 9/11/2008  | 2446              | 6540.51                               | 6552.50                               | -11.99        |
|           |         |           |             | 8/25/2009  | 2793              | 6540.89                               | 6553.40                               | -12.51        |
|           |         |           |             | 3/31/2010  | 3012              | 6541.43                               | 6553.79                               | -12.36        |
|           |         |           |             | 11/20/2014 | 4707              | 6548.55                               | 6553.29                               | -4.74         |
|           |         |           |             | 7/28/2015  | 4957              | 6545.33                               | 6552.58                               | -7.25         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| TA         | 492,426 | 1,542,471 | 1           | 2/14/2002  | 44                | 6537.26                               | 6542.95                               | -5.69         |
|            |         |           |             | 10/2/2002  | 275               | 6531.60                               | 6543.09                               | -11.49        |
|            |         |           |             | 9/23/2003  | 631               | 6538.70                               | 6544.50                               | -5.80         |
|            |         |           |             | 2/17/2004  | 777               | 6538.22                               | 6545.33                               | -7.11         |
|            |         |           |             | 9/23/2004  | 996               | 6542.83                               | 6546.55                               | -3.72         |
|            |         |           |             | 2/17/2005  | 1144              | 6543.04                               | 6546.98                               | -3.94         |
|            |         |           |             | 9/26/2006  | 1730              | 6542.38                               | 6550.47                               | -8.09         |
|            |         |           |             | 9/18/2007  | 2086              | 6542.76                               | 6550.41                               | -7.65         |
|            |         |           |             | 9/11/2008  | 2445              | 6542.77                               | 6550.36                               | -7.59         |
|            |         |           |             | 9/22/2009  | 2822              | 6542.59                               | 6551.04                               | -8.45         |
|            |         |           |             | 9/21/2010  | 3186              | 6542.13                               | 6550.78                               | -8.65         |
|            |         |           |             | 11/9/2011  | 3599              | 6538.13                               | 6548.85                               | -10.72        |
|            |         |           |             | 10/16/2012 | 3941              | 6541.52                               | 6547.79                               | -6.27         |
|            |         |           |             | 9/30/2015  | 5021              | 6544.36                               | 6549.69                               | -5.33         |
|            |         |           |             | 9/30/2016  | 5387              | 6538.70                               | 6544.06                               | -5.36         |
| 9/27/2017  | 5748    | 6536.20   | 6541.11     | -4.91      |                   |                                       |                                       |               |
| 12/11/2019 | 6553    | 6540.91   | 6538.49     | 2.42       |                   |                                       |                                       |               |
| TB         | 492,616 | 1,542,351 | 1           | 10/2/2002  | 275               | 6542.09                               | 6547.15                               | -5.06         |
|            |         |           |             | 2/17/2004  | 777               | 6544.09                               | 6548.33                               | -4.24         |
|            |         |           |             | 9/24/2004  | 997               | 6544.39                               | 6549.18                               | -4.79         |
|            |         |           |             | 2/17/2005  | 1144              | 6544.49                               | 6549.61                               | -5.12         |
|            |         |           |             | 9/28/2005  | 1366              | 6546.34                               | 6549.83                               | -3.49         |
|            |         |           |             | 9/27/2006  | 1730              | 6543.67                               | 6552.00                               | -8.33         |
|            |         |           |             | 9/18/2007  | 2087              | 6544.10                               | 6552.29                               | -8.19         |
|            |         |           |             | 9/11/2008  | 2445              | 6543.75                               | 6552.28                               | -8.53         |
|            |         |           |             | 9/22/2009  | 2822              | 6543.66                               | 6552.71                               | -9.05         |
|            |         |           |             | 9/21/2010  | 3186              | 6543.59                               | 6552.50                               | -8.91         |
|            |         |           |             | 11/9/2011  | 3599              | 6543.51                               | 6550.93                               | -7.42         |
|            |         |           |             | 10/16/2012 | 3941              | 6545.17                               | 6549.98                               | -4.81         |
|            |         |           |             | 10/19/2012 | 3945              | 6545.19                               | 6549.98                               | -4.79         |
| 9/27/2017  | 5748    | 6542.47   | 6544.15     | -1.68      |                   |                                       |                                       |               |
|            |         |           |             | 10/22/2002 | 295               | 6522.78                               | 6524.16                               | -1.38         |
|            |         |           |             | 12/6/2002  | 340               | 6522.66                               | 6524.17                               | -1.51         |
|            |         |           |             | 1/13/2004  | 743               | 6523.31                               | 6524.30                               | -0.99         |
|            |         |           |             | 3/25/2004  | 815               | 6524.02                               | 6524.10                               | -0.08         |
|            |         |           |             | 10/19/2004 | 1023              | 6523.93                               | 6523.95                               | -0.02         |
|            |         |           |             | 12/9/2004  | 1073              | 6524.09                               | 6523.96                               | 0.13          |
|            |         |           |             | 11/5/2005  | 1404              | 6523.26                               | 6524.28                               | -1.02         |
|            |         |           |             | 12/3/2005  | 1432              | 6523.23                               | 6524.35                               | -1.12         |
| 10/24/2006 | 1758    | 6524.35   | 6525.41     | -1.06      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| W         | 487,297 | 1,542,302 | 1           | 12/21/2006 | 1816              | 6523.89                               | 6525.56                               | -1.67         |
|           |         |           |             | 10/17/2007 | 2115              | 6523.98                               | 6524.35                               | -0.37         |
|           |         |           |             | 11/13/2007 | 2142              | 6523.84                               | 6524.28                               | -0.44         |
|           |         |           |             | 10/23/2008 | 2487              | 6523.55                               | 6523.90                               | -0.35         |
|           |         |           |             | 12/4/2008  | 2530              | 6524.60                               | 6523.86                               | 0.74          |
|           |         |           |             | 9/22/2009  | 2822              | 6525.96                               | 6523.95                               | 2.01          |
|           |         |           |             | 12/10/2009 | 2901              | 6526.69                               | 6524.01                               | 2.68          |
|           |         |           |             | 10/19/2010 | 3213              | 6527.71                               | 6524.79                               | 2.92          |
|           |         |           |             | 12/14/2010 | 3270              | 6528.29                               | 6524.94                               | 3.35          |
|           |         |           |             | 11/9/2011  | 3599              | 6529.44                               | 6526.56                               | 2.88          |
|           |         |           |             | 12/6/2011  | 3626              | 6529.74                               | 6526.67                               | 3.07          |
|           |         |           |             | 10/16/2012 | 3941              | 6529.78                               | 6527.79                               | 1.99          |
|           |         |           |             | 11/14/2012 | 3970              | 6529.25                               | 6527.87                               | 1.38          |
|           |         |           |             | 12/13/2013 | 4364              | 6531.25                               | 6529.44                               | 1.81          |
|           |         |           |             | 11/25/2015 | 5076              | 6533.25                               | 6529.61                               | 3.64          |
|           |         |           |             | 12/6/2017  | 5818              | 6529.26                               | 6526.17                               | 3.09          |
|           |         |           |             | 12/6/2017  | 5819              | 6529.23                               | 6526.17                               | 3.06          |
| 12/7/2018 | 6185    | 6528.14   | 6524.67     | 3.47       |                   |                                       |                                       |               |
| WR12      | 488,277 | 1,541,280 | 1           | 12/6/2002  | 340               | 6524.45                               | 6526.00                               | -1.55         |
|           |         |           |             | 12/13/2003 | 712               | 6524.19                               | 6526.29                               | -2.10         |
|           |         |           |             | 12/21/2006 | 1816              | 6545.34                               | 6528.85                               | 16.49         |
|           |         |           |             | 11/13/2007 | 2143              | 6536.24                               | 6527.41                               | 8.83          |
|           |         |           |             | 12/14/2010 | 3270              | 6546.84                               | 6527.15                               | 19.69         |
|           |         |           |             | 12/6/2011  | 3626              | 6558.79                               | 6528.94                               | 29.85         |
|           |         |           |             | 11/14/2012 | 3970              | 6560.09                               | 6530.11                               | 29.98         |
|           |         |           |             | 11/25/2015 | 5076              | 6535.09                               | 6532.68                               | 2.41          |
|           |         |           |             | 12/18/2019 | 6560              | 6541.89                               | 6524.61                               | 17.28         |
|           |         |           |             | 3/3/2004   | 793               | 6552.17                               | 6558.36                               | -6.19         |
|           |         |           |             | 10/29/2004 | 1033              | 6549.73                               | 6557.58                               | -7.85         |
|           |         |           |             | 6/12/2005  | 1259              | 6550.55                               | 6555.63                               | -5.08         |
|           |         |           |             | 2/15/2006  | 1507              | 6548.29                               | 6554.46                               | -6.17         |
|           |         |           |             | 9/26/2006  | 1729              | 6546.54                               | 6554.66                               | -8.12         |
|           |         |           |             | 5/1/2007   | 1946              | 6543.50                               | 6554.18                               | -10.68        |
|           |         |           |             | 1/6/2008   | 2197              | 6545.78                               | 6553.31                               | -7.53         |
|           |         |           |             | 8/18/2008  | 2421              | 6544.96                               | 6553.31                               | -8.35         |
|           |         |           |             | 4/6/2009   | 2653              | 6545.14                               | 6552.61                               | -7.47         |
|           |         |           |             | 12/2/2009  | 2892              | 6542.26                               | 6552.32                               | -10.06        |
|           |         |           |             | 7/28/2010  | 3130              | 6544.86                               | 6552.17                               | -7.31         |
|           |         |           |             | 10/30/2010 | 3225              | 6545.02                               | 6552.09                               | -7.07         |
| 4/4/2011  | 3381    | 6546.16   | 6552.17     | -6.01      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| X          | 491,892 | 1,540,512 | 1           | 11/19/2011 | 3610              | 6547.12                               | 6552.30                               | -5.18         |
|            |         |           |             | 6/28/2012  | 3832              | 6547.08                               | 6552.54                               | -5.46         |
|            |         |           |             | 2/18/2013  | 4066              | 6547.27                               | 6552.26                               | -4.99         |
|            |         |           |             | 1/30/2014  | 4412              | 6546.53                               | 6551.70                               | -5.18         |
|            |         |           |             | 2/16/2015  | 4795              | 6545.59                               | 6551.20                               | -5.61         |
|            |         |           |             | 3/8/2017   | 5546              | 6540.55                               | 6549.70                               | -9.16         |
|            |         |           |             | 11/20/2017 | 5802              | 6540.84                               | 6547.82                               | -6.99         |
|            |         |           |             | 2/27/2018  | 5902              | 6540.61                               | 6547.93                               | -7.32         |
|            |         |           |             | 3/23/2018  | 5925              | 6540.54                               | 6547.96                               | -7.42         |
|            |         |           |             | 4/5/2018   | 5938              | 6540.67                               | 6547.97                               | -7.30         |
|            |         |           |             | 6/14/2018  | 6008              | 6540.11                               | 6547.94                               | -7.83         |
|            |         |           |             | 7/12/2018  | 6037              | 6537.14                               | 6547.91                               | -10.77        |
|            |         |           |             | 9/18/2018  | 6104              | 6539.56                               | 6547.82                               | -8.26         |
|            |         |           |             | 10/11/2018 | 6127              | 6539.64                               | 6547.78                               | -8.14         |
|            |         |           |             | 12/6/2018  | 6183              | 6538.36                               | 6547.67                               | -9.31         |
|            |         |           |             | 1/29/2019  | 6237              | 6538.80                               | 6547.03                               | -8.23         |
|            |         |           |             | 2/8/2019   | 6248              | 6538.82                               | 6546.85                               | -8.03         |
|            |         |           |             | 2/26/2019  | 6265              | 6538.31                               | 6546.57                               | -8.26         |
|            |         |           |             | 3/26/2019  | 6293              | 6538.21                               | 6546.24                               | -8.03         |
|            |         |           |             | 4/9/2019   | 6307              | 6539.59                               | 6546.08                               | -6.49         |
|            |         |           |             | 4/30/2019  | 6328              | 6538.56                               | 6545.86                               | -7.30         |
|            |         |           |             | 5/29/2019  | 6357              | 6538.21                               | 6545.63                               | -7.42         |
|            |         |           |             | 6/25/2019  | 6384              | 6537.96                               | 6545.44                               | -7.48         |
|            |         |           |             | 7/30/2019  | 6419              | 6538.08                               | 6545.20                               | -7.12         |
|            |         |           |             | 8/1/2019   | 6422              | 6538.05                               | 6545.18                               | -7.13         |
|            |         |           |             | 8/27/2019  | 6447              | 6537.71                               | 6545.00                               | -7.29         |
| 10/1/2019  | 6482    | 6537.59   | 6544.79     | -7.20      |                   |                                       |                                       |               |
| 10/9/2019  | 6491    | 6537.88   | 6544.74     | -6.86      |                   |                                       |                                       |               |
| 10/19/2019 | 6501    | 6537.83   | 6544.69     | -6.86      |                   |                                       |                                       |               |
| 10/29/2019 | 6510    | 6538.01   | 6544.63     | -6.62      |                   |                                       |                                       |               |
| X18        | 493,569 | 1,544,593 | 1           | 4/17/2012  | 3760              | 6544.87                               | 6555.73                               | -10.86        |
|            |         |           |             | 9/20/2017  | 5742              | 6546.53                               | 6552.35                               | -5.82         |
|            |         |           |             | 9/19/2018  | 6105              | 6548.75                               | 6551.12                               | -2.37         |
|            |         |           |             | 12/12/2019 | 6554              | 6548.23                               | 6549.68                               | -1.45         |
| 410        | 489,882 | 1,537,459 | 4           | 8/27/2003  | 603               | 6523.06                               | 6523.29                               | -0.23         |
|            |         |           |             | 5/26/2005  | 1241              | 6519.19                               | 6527.83                               | -8.64         |
|            |         |           |             | 6/28/2019  | 6387              | 6521.66                               | 6526.98                               | -5.32         |
|            |         |           |             | 6/12/2002  | 163               | 6524.66                               | 6519.48                               | 5.18          |
|            |         |           |             | 12/13/2002 | 346               | 6524.85                               | 6519.49                               | 5.36          |
|            |         |           |             | 6/5/2003   | 520               | 6524.83                               | 6519.08                               | 5.75          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 494        | 489,494 | 1,536,689 | 4           | 12/24/2003 | 722               | 6525.24                               | 6519.24                               | 6.00          |
|            |         |           |             | 3/4/2004   | 794               | 6525.35                               | 6520.36                               | 4.99          |
|            |         |           |             | 5/21/2004  | 871               | 6525.38                               | 6520.88                               | 4.50          |
|            |         |           |             | 12/15/2004 | 1079              | 6525.26                               | 6521.95                               | 3.31          |
|            |         |           |             | 12/21/2004 | 1085              | 6525.26                               | 6521.98                               | 3.28          |
|            |         |           |             | 2/9/2005   | 1136              | 6525.53                               | 6522.74                               | 2.79          |
|            |         |           |             | 3/23/2005  | 1178              | 6525.41                               | 6522.79                               | 2.62          |
|            |         |           |             | 4/27/2005  | 1213              | 6522.95                               | 6522.83                               | 0.12          |
|            |         |           |             | 5/26/2005  | 1242              | 6519.94                               | 6522.87                               | -2.93         |
|            |         |           |             | 12/3/2005  | 1432              | 6525.04                               | 6523.09                               | 1.95          |
|            |         |           |             | 2/14/2006  | 1506              | 6525.54                               | 6521.41                               | 4.13          |
|            |         |           |             | 6/20/2006  | 1632              | 6520.54                               | 6521.38                               | -0.84         |
|            |         |           |             | 12/19/2006 | 1814              | 6523.04                               | 6521.42                               | 1.62          |
|            |         |           |             | 2/6/2007   | 1863              | 6522.24                               | 6521.87                               | 0.37          |
|            |         |           |             | 5/11/2007  | 1956              | 6521.74                               | 6522.04                               | -0.30         |
|            |         |           |             | 11/14/2007 | 2144              | 6523.13                               | 6522.23                               | 0.90          |
|            |         |           |             | 12/13/2007 | 2172              | 6523.44                               | 6522.25                               | 1.19          |
|            |         |           |             | 2/6/2008   | 2228              | 6523.70                               | 6521.87                               | 1.83          |
|            |         |           |             | 12/6/2008  | 2531              | 6523.29                               | 6521.59                               | 1.70          |
|            |         |           |             | 2/3/2009   | 2591              | 6524.24                               | 6521.98                               | 2.26          |
|            |         |           |             | 6/2/2009   | 2709              | 6523.02                               | 6522.17                               | 0.85          |
|            |         |           |             | 12/11/2009 | 2901              | 6522.82                               | 6522.47                               | 0.35          |
|            |         |           |             | 2/9/2010   | 2961              | 6523.73                               | 6523.02                               | 0.71          |
|            |         |           |             | 6/16/2010  | 3088              | 6524.74                               | 6523.37                               | 1.37          |
|            |         |           |             | 12/16/2010 | 3271              | 6524.33                               | 6523.83                               | 0.50          |
|            |         |           |             | 2/8/2011   | 3326              | 6525.15                               | 6524.74                               | 0.41          |
|            |         |           |             | 6/9/2011   | 3446              | 6525.66                               | 6525.12                               | 0.54          |
|            |         |           |             | 12/7/2011  | 3627              | 6526.39                               | 6525.61                               | 0.78          |
|            |         |           |             | 3/7/2012   | 3718              | 6526.54                               | 6525.46                               | 1.08          |
|            |         |           |             | 6/14/2012  | 3818              | 6527.03                               | 6525.68                               | 1.35          |
|            |         |           |             | 11/15/2012 | 3972              | 6525.59                               | 6525.99                               | -0.40         |
|            |         |           |             | 2/9/2013   | 4057              | 6526.33                               | 6526.42                               | -0.09         |
|            |         |           |             | 7/9/2013   | 4207              | 6525.98                               | 6526.70                               | -0.72         |
| 12/12/2013 | 4363    | 6525.54   | 6527.01     | -1.47      |                   |                                       |                                       |               |
| 2/13/2014  | 4426    | 6524.64   | 6526.81     | -2.17      |                   |                                       |                                       |               |
| 6/17/2014  | 4550    | 6523.22   | 6527.03     | -3.81      |                   |                                       |                                       |               |
| 3/5/2015   | 4811    | 6527.24   | 6528.15     | -0.91      |                   |                                       |                                       |               |
| 7/13/2016  | 5308    | 6528.68   | 6528.12     | 0.56       |                   |                                       |                                       |               |
| 12/14/2016 | 5461    | 6528.18   | 6528.08     | 0.10       |                   |                                       |                                       |               |
| 3/2/2017   | 5539    | 6527.64   | 6527.75     | -0.11      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 6/29/2017  | 5658              | 6525.64                               | 6527.47                               | -1.83         |
|           |         |           |             | 2/6/2018   | 5881              | 6522.68                               | 6526.71                               | -4.03         |
|           |         |           |             | 6/5/2018   | 6000              | 6523.22                               | 6526.35                               | -3.13         |
|           |         |           |             | 12/4/2018  | 6181              | 6522.71                               | 6525.92                               | -3.21         |
|           |         |           |             | 2/6/2019   | 6245              | 6521.82                               | 6526.19                               | -4.37         |
|           |         |           |             | 6/4/2019   | 6363              | 6521.49                               | 6525.81                               | -4.32         |
|           |         |           |             | 12/19/2019 | 6561              | 6521.56                               | 6525.16                               | -3.60         |
| 929       | 495,585 | 1,544,684 | 4           | 2/27/2007  | 1883              | 6533.37                               | 6482.33                               | 51.04         |
|           |         |           |             | 2/28/2007  | 1885              | 6536.48                               | 6482.34                               | 54.14         |
|           |         |           |             | 4/3/2007   | 1919              | 6549.12                               | 6482.94                               | 66.18         |
|           |         |           |             | 5/1/2007   | 1947              | 6547.55                               | 6483.44                               | 64.11         |
|           |         |           |             | 5/30/2007  | 1976              | 6547.12                               | 6483.95                               | 63.17         |
|           |         |           |             | 7/3/2007   | 2010              | 6547.47                               | 6484.23                               | 63.24         |
|           |         |           |             | 7/31/2007  | 2038              | 6549.14                               | 6484.41                               | 64.73         |
|           |         |           |             | 9/5/2007   | 2073              | 6546.02                               | 6484.64                               | 61.38         |
|           |         |           |             | 10/2/2007  | 2101              | 6550.27                               | 6484.81                               | 65.46         |
|           |         |           |             | 10/25/2007 | 2124              | 6539.68                               | 6484.96                               | 54.72         |
|           |         |           |             | 10/30/2007 | 2129              | 6541.77                               | 6484.99                               | 56.78         |
|           |         |           |             | 11/14/2007 | 2144              | 6549.86                               | 6485.07                               | 64.79         |
|           |         |           |             | 12/4/2007  | 2164              | 6550.36                               | 6485.18                               | 65.18         |
|           |         |           |             | 2/3/2009   | 2590              | 6544.97                               | 6486.53                               | 58.44         |
|           |         |           |             | 3/3/2009   | 2619              | 6544.27                               | 6486.70                               | 57.57         |
|           |         |           |             | 3/31/2009  | 2646              | 6543.77                               | 6486.87                               | 56.90         |
|           |         |           |             | 4/29/2009  | 2675              | 6543.67                               | 6487.05                               | 56.62         |
|           |         |           |             | 5/5/2009   | 2681              | 6543.17                               | 6487.09                               | 56.08         |
|           |         |           |             | 6/2/2009   | 2710              | 6545.17                               | 6487.26                               | 57.91         |
|           |         |           |             | 6/24/2009  | 2732              | 6528.57                               | 6487.34                               | 41.23         |
|           |         |           |             | 6/30/2009  | 2738              | 6525.24                               | 6487.36                               | 37.88         |
|           |         |           |             | 8/4/2009   | 2773              | 6536.67                               | 6487.49                               | 49.18         |
|           |         |           |             | 9/1/2009   | 2800              | 6519.77                               | 6487.58                               | 32.19         |
|           |         |           |             | 9/29/2009  | 2829              | 6526.17                               | 6487.68                               | 38.49         |
|           |         |           |             | 11/3/2009  | 2863              | 6516.59                               | 6487.80                               | 28.79         |
|           |         |           |             | 12/1/2009  | 2891              | 6525.31                               | 6487.90                               | 37.41         |
|           |         |           |             | 12/1/2009  | 2892              | 6525.31                               | 6487.90                               | 37.41         |
|           |         |           |             | 12/15/2009 | 2905              | 6530.22                               | 6487.94                               | 42.28         |
|           |         |           |             | 12/29/2009 | 2919              | 6540.05                               | 6487.99                               | 52.06         |
|           |         |           |             | 2/26/2013  | 4074              | 6532.60                               | 6469.87                               | 62.73         |
|           |         |           |             | 2/26/2013  | 4075              | 6532.47                               | 6469.87                               | 62.60         |
|           |         |           |             | 3/26/2013  | 4102              | 6530.99                               | 6470.40                               | 60.59         |
| 4/30/2013 | 4138    | 6534.12   | 6471.07     | 63.05      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 5/29/2013  | 4167              | 6541.65                               | 6471.62                               | 70.03         |
|         |         |           |             | 6/25/2013  | 4194              | 6542.39                               | 6471.93                               | 70.46         |
|         |         |           |             | 1/28/2014  | 4410              | 6525.13                               | 6490.18                               | 34.95         |
|         |         |           |             | 3/1/2014   | 4442              | 6526.22                               | 6490.55                               | 35.67         |
|         |         |           |             | 5/28/2014  | 4530              | 6531.11                               | 6491.04                               | 40.07         |
|         |         |           |             | 6/24/2014  | 4557              | 6540.61                               | 6491.15                               | 49.46         |
|         |         |           |             | 7/29/2014  | 4592              | 6545.37                               | 6491.28                               | 54.09         |
|         |         |           |             | 8/26/2014  | 4620              | 6542.63                               | 6491.38                               | 51.25         |
|         |         |           |             | 9/23/2014  | 4648              | 6544.79                               | 6491.47                               | 53.32         |
|         |         |           |             | 10/28/2014 | 4683              | 6546.27                               | 6491.59                               | 54.68         |
|         |         |           |             | 12/30/2014 | 4746              | 6545.13                               | 6491.81                               | 53.32         |
|         |         |           |             | 7/2/2015   | 4930              | 6536.48                               | 6493.62                               | 42.86         |
|         |         |           |             | 3/1/2016   | 5173              | 6545.62                               | 6493.34                               | 52.28         |
|         |         |           |             | 12/6/2017  | 5818              | 6547.06                               | 6495.75                               | 51.31         |
|         |         |           |             | 2/8/2018   | 5883              | 6531.86                               | 6494.93                               | 36.93         |
|         |         |           |             | 12/19/2019 | 6561              | 6519.95                               | 6496.40                               | 23.55         |
|         |         |           |             | 12/13/2002 | 346               | 6411.81                               | 6432.03                               | -20.22        |
|         |         |           |             | 7/9/2003   | 554               | 6405.36                               | 6436.72                               | -31.36        |
|         |         |           |             | 12/24/2003 | 722               | 6416.72                               | 6436.72                               | -20.00        |
|         |         |           |             | 5/26/2004  | 877               | 6456.51                               | 6425.43                               | 31.08         |
|         |         |           |             | 12/15/2004 | 1079              | 6551.02                               | 6424.98                               | 126.04        |
|         |         |           |             | 12/2/2005  | 1431              | 6477.87                               | 6459.45                               | 18.42         |
|         |         |           |             | 10/25/2007 | 2124              | 6538.33                               | 6485.70                               | 52.63         |
|         |         |           |             | 11/14/2007 | 2144              | 6548.71                               | 6485.83                               | 62.88         |
|         |         |           |             | 6/5/2008   | 2348              | 6537.35                               | 6484.73                               | 52.62         |
|         |         |           |             | 12/5/2008  | 2530              | 6543.79                               | 6485.36                               | 58.43         |
|         |         |           |             | 6/24/2009  | 2732              | 6529.02                               | 6489.31                               | 39.71         |
|         |         |           |             | 12/15/2009 | 2905              | 6529.23                               | 6490.01                               | 39.22         |
|         |         |           |             | 9/25/2010  | 3190              | 6510.55                               | 6478.47                               | 32.08         |
|         |         |           |             | 12/16/2010 | 3271              | 6476.16                               | 6478.71                               | -2.55         |
| 931     | 495,207 | 1,542,461 | 4           | 10/19/2011 | 3579              | 6463.93                               | 6477.88                               | -13.95        |
|         |         |           |             | 12/7/2011  | 3628              | 6500.71                               | 6477.99                               | 22.72         |
|         |         |           |             | 10/25/2012 | 3950              | 6454.07                               | 6476.10                               | -22.03        |
|         |         |           |             | 11/14/2012 | 3970              | 6560.88                               | 6476.13                               | 84.75         |
|         |         |           |             | 12/12/2013 | 4364              | 6534.46                               | 6490.25                               | 44.21         |
|         |         |           |             | 10/3/2014  | 4659              | 6545.55                               | 6492.78                               | 52.77         |
|         |         |           |             | 7/2/2015   | 4930              | 6533.08                               | 6497.06                               | 36.02         |
|         |         |           |             | 12/1/2015  | 5082              | 6547.61                               | 6497.84                               | 49.77         |
|         |         |           |             | 12/13/2016 | 5460              | 6538.07                               | 6495.17                               | 42.90         |
|         |         |           |             | 7/6/2017   | 5666              | 6543.86                               | 6498.60                               | 45.26         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/6/2017  | 5818              | 6545.69                               | 6498.91                               | 46.78         |
|            |         |           |             | 6/13/2018  | 6008              | 6528.10                               | 6496.11                               | 31.99         |
|            |         |           |             | 12/27/2018 | 6204              | 6542.26                               | 6496.34                               | 45.92         |
|            |         |           |             | 10/2/2019  | 6483              | 6519.66                               | 6498.46                               | 21.20         |
|            |         |           |             | 12/19/2019 | 6561              | 6519.07                               | 6498.57                               | 20.50         |
| 933        | 495,231 | 1,540,087 | 4           | 3/7/2008   | 2258              | 6533.63                               | 6489.36                               | 44.27         |
|            |         |           |             | 7/26/2008  | 2398              | 6536.39                               | 6489.78                               | 46.61         |
|            |         |           |             | 10/24/2008 | 2489              | 6538.20                               | 6490.04                               | 48.16         |
|            |         |           |             | 1/29/2009  | 2586              | 6542.01                               | 6491.85                               | 50.16         |
|            |         |           |             | 5/6/2009   | 2682              | 6538.51                               | 6492.27                               | 46.25         |
| 934        | 493,941 | 1,540,629 | 4           | 4/6/2007   | 1922              | 6540.83                               | 6498.94                               | 41.88         |
|            |         |           |             | 8/31/2007  | 2069              | 6544.99                               | 6500.97                               | 44.02         |
|            |         |           |             | 5/17/2008  | 2329              | 6545.34                               | 6497.63                               | 47.71         |
|            |         |           |             | 5/25/2009  | 2701              | 6536.71                               | 6507.38                               | 29.33         |
|            |         |           |             | 10/2/2009  | 2831              | 6524.50                               | 6507.94                               | 16.56         |
|            |         |           |             | 12/15/2009 | 2906              | 6527.68                               | 6508.26                               | 19.42         |
| 944        | 493,091 | 1,539,280 | 4           | 2/27/2007  | 1884              | 6534.39                               | 6520.45                               | 13.94         |
|            |         |           |             | 4/3/2007   | 1919              | 6546.51                               | 6521.16                               | 25.35         |
|            |         |           |             | 5/1/2007   | 1947              | 6546.21                               | 6521.74                               | 24.47         |
|            |         |           |             | 5/30/2007  | 1976              | 6545.91                               | 6522.33                               | 23.58         |
|            |         |           |             | 7/3/2007   | 2010              | 6546.08                               | 6522.62                               | 23.46         |
|            |         |           |             | 7/31/2007  | 2038              | 6550.50                               | 6522.79                               | 27.71         |
|            |         |           |             | 9/5/2007   | 2073              | 6544.83                               | 6523.01                               | 21.82         |
|            |         |           |             | 10/2/2007  | 2101              | 6548.91                               | 6523.18                               | 25.73         |
|            |         |           |             | 10/30/2007 | 2129              | 6540.73                               | 6523.35                               | 17.38         |
|            |         |           |             | 12/4/2007  | 2164              | 6548.91                               | 6523.54                               | 25.37         |
|            |         |           |             | 1/31/2017  | 5509              | 6542.21                               | 6548.86                               | -6.65         |
|            |         |           |             | 2/28/2017  | 5537              | 6544.21                               | 6549.24                               | -5.03         |
|            |         |           |             | 8/29/2017  | 5719              | 6538.51                               | 6549.42                               | -10.91        |
|            |         |           |             | 10/31/2017 | 5782              | 6534.56                               | 6549.39                               | -14.83        |
|            |         |           |             | 11/28/2017 | 5810              | 6542.81                               | 6549.38                               | -6.57         |
|            |         |           |             | 12/27/2017 | 5839              | 6540.01                               | 6549.36                               | -9.35         |
|            |         |           |             | 2/26/2019  | 6265              | 6532.11                               | 6537.38                               | -5.27         |
|            |         |           |             | 3/26/2019  | 6293              | 6529.41                               | 6537.45                               | -8.04         |
|            |         |           |             | 4/30/2019  | 6328              | 6528.72                               | 6537.48                               | -8.76         |
|            |         |           |             | 7/30/2019  | 6419              | 6536.66                               | 6537.43                               | -0.77         |
| 8/27/2019  | 6447    | 6524.34   | 6537.41     | -13.07     |                   |                                       |                                       |               |
| 10/1/2019  | 6482    | 6519.51   | 6537.38     | -17.87     |                   |                                       |                                       |               |
| 10/29/2019 | 6510    | 6522.41   | 6537.35     | -14.94     |                   |                                       |                                       |               |
|            |         |           |             | 6/20/2002  | 170               | 6514.83                               | 6519.13                               | -4.30         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CE1        | 490,434 | 1,542,475 | 4           | 12/13/2002 | 346               | 6519.88                               | 6519.27                               | 0.61          |
|            |         |           |             | 6/27/2003  | 543               | 6515.09                               | 6521.24                               | -6.15         |
|            |         |           |             | 12/24/2003 | 722               | 6516.21                               | 6522.43                               | -6.22         |
|            |         |           |             | 6/2/2004   | 884               | 6514.79                               | 6524.27                               | -9.48         |
|            |         |           |             | 12/15/2004 | 1080              | 6516.16                               | 6526.03                               | -9.87         |
|            |         |           |             | 12/2/2005  | 1431              | 6524.77                               | 6530.56                               | -5.79         |
|            |         |           |             | 12/11/2006 | 1805              | 6527.75                               | 6529.99                               | -2.24         |
|            |         |           |             | 11/13/2007 | 2142              | 6518.99                               | 6529.04                               | -10.05        |
|            |         |           |             | 6/25/2008  | 2368              | 6517.54                               | 6527.47                               | -9.93         |
|            |         |           |             | 12/5/2008  | 2530              | 6517.91                               | 6527.16                               | -9.25         |
|            |         |           |             | 10/17/2009 | 2846              | 6526.08                               | 6528.37                               | -2.29         |
|            |         |           |             | 12/16/2010 | 3271              | 6520.71                               | 6528.42                               | -7.71         |
|            |         |           |             | 11/12/2011 | 3603              | 6529.79                               | 6531.19                               | -1.40         |
|            |         |           |             | 12/6/2011  | 3627              | 6526.09                               | 6531.27                               | -5.18         |
|            |         |           |             | 11/14/2012 | 3971              | 6531.29                               | 6530.85                               | 0.44          |
|            |         |           |             | 12/12/2013 | 4363              | 6544.34                               | 6532.19                               | 12.15         |
|            |         |           |             | 12/1/2015  | 5082              | 6540.31                               | 6537.10                               | 3.21          |
|            |         |           |             | 12/13/2016 | 5460              | 6536.18                               | 6527.13                               | 9.05          |
|            |         |           |             | 7/6/2017   | 5666              | 6527.29                               | 6526.26                               | 1.03          |
|            |         |           |             | 12/6/2017  | 5818              | 6528.12                               | 6525.32                               | 2.80          |
| 6/20/2018  | 6015    | 6539.10   | 6522.57     | 16.53      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6555.90   | 6520.40     | 35.50      |                   |                                       |                                       |               |
| 10/18/2019 | 6499    | 6541.19   | 6524.50     | 16.69      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6510.18   | 6524.61     | -14.43     |                   |                                       |                                       |               |
| CE10       | 490,177 | 1,541,737 | 4           | 9/1/2006   | 1704              | 6520.36                               | 6526.24                               | -5.88         |
|            |         |           |             | 11/14/2007 | 2144              | 6523.51                               | 6522.83                               | 0.68          |
|            |         |           |             | 11/15/2007 | 2144              | 6523.60                               | 6522.82                               | 0.78          |
|            |         |           |             | 10/21/2008 | 2485              | 6518.36                               | 6517.90                               | 0.46          |
|            |         |           |             | 12/5/2008  | 2530              | 6521.99                               | 6517.81                               | 4.18          |
|            |         |           |             | 10/17/2009 | 2846              | 6517.95                               | 6520.00                               | -2.05         |
|            |         |           |             | 12/13/2009 | 2904              | 6521.73                               | 6520.09                               | 1.64          |
|            |         |           |             | 12/11/2010 | 3267              | 6523.53                               | 6517.37                               | 6.16          |
|            |         |           |             | 12/16/2010 | 3271              | 6523.76                               | 6517.38                               | 6.38          |
|            |         |           |             | 11/1/2011  | 3592              | 6526.28                               | 6523.72                               | 2.56          |
|            |         |           |             | 12/6/2011  | 3627              | 6527.81                               | 6523.85                               | 3.96          |
|            |         |           |             | 11/14/2012 | 3970              | 6525.26                               | 6522.61                               | 2.65          |
|            |         |           |             | 9/5/2013   | 4265              | 6527.45                               | 6522.59                               | 4.86          |
|            |         |           |             | 12/12/2013 | 4363              | 6524.76                               | 6522.94                               | 1.82          |
|            |         |           |             | 7/24/2014  | 4587              | 6524.77                               | 6521.27                               | 3.50          |
| 7/17/2015  | 4945    | 6531.33   | 6532.32     | -0.99      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 12/1/2015  | 5082              | 6531.80                               | 6532.81                               | -1.01         |
|           |         |           |             | 12/13/2016 | 5460              | 6530.61                               | 6526.76                               | 3.85          |
|           |         |           |             | 12/6/2017  | 5818              | 6520.22                               | 6521.27                               | -1.05         |
|           |         |           |             | 7/18/2018  | 6042              | 6518.55                               | 6520.60                               | -2.05         |
|           |         |           |             | 12/27/2018 | 6204              | 6521.52                               | 6519.29                               | 2.23          |
|           |         |           |             | 7/12/2019  | 6402              | 6527.32                               | 6522.01                               | 5.31          |
|           |         |           |             | 12/19/2019 | 6561              | 6523.32                               | 6522.00                               | 1.32          |
| CE11      | 490,494 | 1,541,487 | 4           | 1/29/2013  | 4046              | 6518.82                               | 6518.22                               | 0.60          |
|           |         |           |             | 2/26/2013  | 4074              | 6518.08                               | 6518.29                               | -0.21         |
|           |         |           |             | 2/26/2013  | 4075              | 6517.92                               | 6518.29                               | -0.37         |
|           |         |           |             | 3/26/2013  | 4102              | 6517.90                               | 6518.37                               | -0.47         |
|           |         |           |             | 4/30/2013  | 4137              | 6518.30                               | 6518.47                               | -0.17         |
|           |         |           |             | 5/29/2013  | 4166              | 6519.26                               | 6518.55                               | 0.71          |
|           |         |           |             | 6/25/2013  | 4193              | 6514.94                               | 6518.62                               | -3.68         |
|           |         |           |             | 1/28/2014  | 4410              | 6514.69                               | 6516.66                               | -1.97         |
|           |         |           |             | 3/1/2014   | 4442              | 6513.82                               | 6516.68                               | -2.86         |
|           |         |           |             | 3/25/2014  | 4466              | 6513.47                               | 6516.71                               | -3.24         |
|           |         |           |             | 4/29/2014  | 4501              | 6513.36                               | 6516.76                               | -3.40         |
|           |         |           |             | 5/28/2014  | 4530              | 6514.12                               | 6516.79                               | -2.67         |
|           |         |           |             | 6/24/2014  | 4557              | 6514.49                               | 6516.83                               | -2.34         |
|           |         |           |             | 7/29/2014  | 4592              | 6531.17                               | 6516.89                               | 14.28         |
|           |         |           |             | 8/26/2014  | 4620              | 6521.32                               | 6516.93                               | 4.39          |
|           |         |           |             | 10/28/2014 | 4683              | 6526.12                               | 6517.03                               | 9.09          |
|           |         |           |             | 11/25/2014 | 4711              | 6525.77                               | 6517.07                               | 8.70          |
|           |         |           |             | 12/30/2014 | 4746              | 6526.97                               | 6517.13                               | 9.84          |
|           |         |           |             | 7/17/2015  | 4946              | 6531.18                               | 6530.76                               | 0.42          |
|           |         |           |             | 8/6/2015   | 4965              | 6532.79                               | 6530.84                               | 1.95          |
|           |         |           |             | 1/26/2016  | 5138              | 6532.79                               | 6527.44                               | 5.35          |
|           |         |           |             | 3/1/2016   | 5174              | 6533.90                               | 6526.92                               | 6.98          |
|           |         |           |             | 7/19/2016  | 5313              | 6530.26                               | 6525.49                               | 4.77          |
|           |         |           |             | 1/31/2017  | 5509              | 6529.92                               | 6520.89                               | 9.03          |
|           |         |           |             | 2/28/2017  | 5537              | 6531.47                               | 6520.71                               | 10.76         |
|           |         |           |             | 8/29/2017  | 5719              | 6529.62                               | 6519.73                               | 9.89          |
|           |         |           |             | 10/31/2017 | 5782              | 6522.22                               | 6519.42                               | 2.80          |
|           |         |           |             | 7/19/2018  | 6044              | 6464.30                               | 6517.95                               | -53.65        |
|           |         |           |             | 1/29/2019  | 6237              | 6523.01                               | 6521.05                               | 1.96          |
|           |         |           |             | 2/26/2019  | 6265              | 6517.02                               | 6521.12                               | -4.10         |
| 3/26/2019 | 6293    | 6522.12   | 6521.16     | 0.96       |                   |                                       |                                       |               |
| 4/30/2019 | 6328    | 6518.02   | 6521.19     | -3.17      |                   |                                       |                                       |               |
| 5/29/2019 | 6357    | 6521.52   | 6521.18     | 0.34       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 6/25/2019  | 6384              | 6526.32                               | 6521.16                               | 5.16          |
|           |         |           |             | 7/16/2019  | 6405              | 6526.75                               | 6521.15                               | 5.60          |
|           |         |           |             | 7/30/2019  | 6419              | 6526.79                               | 6521.14                               | 5.65          |
|           |         |           |             | 8/27/2019  | 6447              | 6527.03                               | 6521.12                               | 5.91          |
|           |         |           |             | 10/1/2019  | 6482              | 6526.72                               | 6521.09                               | 5.63          |
|           |         |           |             | 10/18/2019 | 6499              | 6526.92                               | 6521.07                               | 5.85          |
|           |         |           |             | 10/29/2019 | 6510              | 6526.52                               | 6521.05                               | 5.47          |
|           |         |           |             | 12/21/2019 | 6563              | 6523.22                               | 6520.98                               | 2.24          |
| CE12      | 489,642 | 1,541,867 | 4           | 3/26/2013  | 4102              | 6525.31                               | 6531.50                               | -6.19         |
|           |         |           |             | 5/29/2013  | 4166              | 6527.71                               | 6531.67                               | -3.96         |
|           |         |           |             | 1/28/2014  | 4410              | 6510.93                               | 6532.26                               | -21.33        |
|           |         |           |             | 2/26/2014  | 4439              | 6515.83                               | 6532.28                               | -16.45        |
|           |         |           |             | 3/1/2014   | 4442              | 6510.76                               | 6532.28                               | -21.52        |
|           |         |           |             | 3/25/2014  | 4466              | 6511.26                               | 6532.30                               | -21.04        |
|           |         |           |             | 9/30/2014  | 4656              | 6511.75                               | 6532.52                               | -20.77        |
|           |         |           |             | 10/28/2014 | 4683              | 6515.23                               | 6532.56                               | -17.33        |
|           |         |           |             | 11/25/2014 | 4711              | 6514.00                               | 6532.60                               | -18.60        |
|           |         |           |             | 7/17/2015  | 4945              | 6535.04                               | 6537.91                               | -2.87         |
|           |         |           |             | 8/6/2015   | 4965              | 6536.22                               | 6538.02                               | -1.80         |
|           |         |           |             | 1/26/2016  | 5138              | 6534.72                               | 6538.03                               | -3.31         |
|           |         |           |             | 3/1/2016   | 5174              | 6538.55                               | 6537.44                               | 1.11          |
|           |         |           |             | 7/19/2016  | 5313              | 6532.83                               | 6535.35                               | -2.52         |
|           |         |           |             | 1/31/2017  | 5509              | 6532.46                               | 6532.22                               | 0.24          |
|           |         |           |             | 2/28/2017  | 5537              | 6540.83                               | 6531.83                               | 9.00          |
|           |         |           |             | 3/22/2017  | 5560              | 6530.68                               | 6531.59                               | -0.91         |
|           |         |           |             | 3/28/2017  | 5565              | 6530.24                               | 6531.54                               | -1.30         |
|           |         |           |             | 4/25/2017  | 5593              | 6529.86                               | 6531.26                               | -1.40         |
|           |         |           |             | 5/31/2017  | 5629              | 6529.08                               | 6530.96                               | -1.88         |
|           |         |           |             | 6/27/2017  | 5656              | 6530.10                               | 6530.75                               | -0.65         |
|           |         |           |             | 8/29/2017  | 5719              | 6531.93                               | 6530.26                               | 1.67          |
|           |         |           |             | 9/26/2017  | 5747              | 6529.11                               | 6530.06                               | -0.95         |
|           |         |           |             | 7/19/2018  | 6043              | 6493.68                               | 6528.36                               | -34.68        |
|           |         |           |             | 1/29/2019  | 6237              | 6529.92                               | 6525.73                               | 4.19          |
|           |         |           |             | 2/26/2019  | 6265              | 6525.73                               | 6525.66                               | 0.07          |
|           |         |           |             | 3/26/2019  | 6293              | 6530.03                               | 6525.66                               | 4.37          |
|           |         |           |             | 4/30/2019  | 6328              | 6531.43                               | 6525.67                               | 5.76          |
| 5/29/2019 | 6357    | 6530.93   | 6525.68     | 5.25       |                   |                                       |                                       |               |
| 6/25/2019 | 6384    | 6530.13   | 6525.68     | 4.45       |                   |                                       |                                       |               |
| 7/11/2019 | 6400    | 6493.57   | 6525.68     | -32.11     |                   |                                       |                                       |               |
| 7/30/2019 | 6419    | 6530.32   | 6525.69     | 4.63       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 8/27/2019  | 6447              | 6530.98                               | 6525.69                               | 5.29          |
|            |         |           |             | 10/1/2019  | 6482              | 6531.43                               | 6525.68                               | 5.75          |
|            |         |           |             | 10/29/2019 | 6510              | 6530.33                               | 6525.67                               | 4.66          |
| CE13       | 490,338 | 1,542,693 | 4           | 9/2/2006   | 1705              | 6530.86                               | 6531.21                               | -0.35         |
|            |         |           |             | 9/22/2006  | 1726              | 6528.40                               | 6531.27                               | -2.87         |
|            |         |           |             | 11/13/2007 | 2143              | 6530.91                               | 6531.25                               | -0.34         |
|            |         |           |             | 11/14/2007 | 2144              | 6527.14                               | 6531.25                               | -4.11         |
|            |         |           |             | 10/21/2008 | 2485              | 6527.75                               | 6530.28                               | -2.53         |
|            |         |           |             | 12/5/2008  | 2530              | 6529.19                               | 6530.20                               | -1.01         |
|            |         |           |             | 8/27/2009  | 2795              | 6530.16                               | 6531.02                               | -0.86         |
|            |         |           |             | 12/13/2009 | 2903              | 6531.13                               | 6531.26                               | -0.13         |
|            |         |           |             | 12/11/2010 | 3267              | 6532.77                               | 6531.61                               | 1.16          |
|            |         |           |             | 12/16/2010 | 3271              | 6533.32                               | 6531.62                               | 1.70          |
|            |         |           |             | 11/12/2011 | 3603              | 6534.65                               | 6532.98                               | 1.67          |
|            |         |           |             | 12/6/2011  | 3627              | 6534.29                               | 6533.06                               | 1.23          |
|            |         |           |             | 11/14/2012 | 3970              | 6533.83                               | 6533.06                               | 0.77          |
|            |         |           |             | 12/12/2013 | 4363              | 6535.40                               | 6534.74                               | 0.66          |
|            |         |           |             | 10/3/2014  | 4658              | 6533.28                               | 6535.04                               | -1.76         |
|            |         |           |             | 7/17/2015  | 4946              | 6534.72                               | 6538.00                               | -3.28         |
|            |         |           |             | 12/1/2015  | 5082              | 6538.57                               | 6538.38                               | 0.19          |
|            |         |           |             | 12/13/2016 | 5460              | 6522.87                               | 6526.82                               | -3.95         |
|            |         |           |             | 12/6/2017  | 5818              | 6526.28                               | 6525.88                               | 0.40          |
|            |         |           |             | 7/18/2018  | 6042              | 6523.25                               | 6522.16                               | 1.09          |
| 12/27/2018 | 6204    | 6528.15   | 6520.09     | 8.06       |                   |                                       |                                       |               |
| 7/16/2019  | 6406    | 6528.41   | 6524.60     | 3.81       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6530.35   | 6525.23     | 5.12       |                   |                                       |                                       |               |
| CE14       | 489,600 | 1,541,326 | 4           | 7/31/2012  | 3864              | 6533.70                               | 6531.44                               | 2.26          |
|            |         |           |             | 3/6/2013   | 4083              | 6534.61                               | 6531.57                               | 3.04          |
|            |         |           |             | 9/5/2013   | 4266              | 6534.15                               | 6532.08                               | 2.07          |
|            |         |           |             | 12/12/2013 | 4363              | 6534.21                               | 6532.40                               | 1.81          |
|            |         |           |             | 10/3/2014  | 4658              | 6533.27                               | 6532.13                               | 1.14          |
|            |         |           |             | 4/1/2015   | 4839              | 6534.65                               | 6535.53                               | -0.88         |
|            |         |           |             | 8/28/2015  | 4988              | 6536.86                               | 6536.42                               | 0.44          |
|            |         |           |             | 12/1/2015  | 5082              | 6536.25                               | 6536.70                               | -0.45         |
|            |         |           |             | 3/19/2016  | 5192              | 6535.32                               | 6535.91                               | -0.59         |
|            |         |           |             | 12/13/2016 | 5460              | 6534.27                               | 6533.64                               | 0.63          |
|            |         |           |             | 3/22/2017  | 5560              | 6532.40                               | 6531.49                               | 0.91          |
|            |         |           |             | 2/14/2018  | 5888              | 6533.37                               | 6528.41                               | 4.96          |
|            |         |           |             | 12/27/2018 | 6204              | 6529.64                               | 6526.34                               | 3.30          |
| 3/29/2019  | 6296    | 6530.45   | 6526.00     | 4.45       |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/19/2019 | 6561              | 6529.96                               | 6525.36                               | 4.60          |
| CE15       | 489,460 | 1,539,507 | 4           | 7/31/2012  | 3865              | 6527.70                               | 6529.23                               | -1.53         |
|            |         |           |             | 3/6/2013   | 4083              | 6527.11                               | 6529.19                               | -2.08         |
|            |         |           |             | 9/5/2013   | 4265              | 6527.48                               | 6529.50                               | -2.02         |
|            |         |           |             | 12/12/2013 | 4363              | 6526.57                               | 6529.71                               | -3.14         |
|            |         |           |             | 10/3/2014  | 4658              | 6527.86                               | 6528.53                               | -0.67         |
|            |         |           |             | 4/1/2015   | 4839              | 6527.59                               | 6532.52                               | -4.93         |
|            |         |           |             | 3/19/2016  | 5192              | 6528.72                               | 6532.22                               | -3.50         |
|            |         |           |             | 12/13/2016 | 5460              | 6529.51                               | 6531.50                               | -1.99         |
|            |         |           |             | 6/6/2018   | 6001              | 6518.73                               | 6519.16                               | -0.43         |
|            |         |           |             | 12/27/2018 | 6204              | 6519.66                               | 6518.39                               | 1.27          |
|            |         |           |             | 1/29/2019  | 6237              | 6520.21                               | 6510.74                               | 9.47          |
|            |         |           |             | 2/26/2019  | 6265              | 6518.18                               | 6510.66                               | 7.52          |
|            |         |           |             | 3/26/2019  | 6293              | 6519.88                               | 6510.58                               | 9.30          |
|            |         |           |             | 4/30/2019  | 6328              | 6518.58                               | 6510.47                               | 8.11          |
|            |         |           |             | 5/29/2019  | 6357              | 6518.93                               | 6510.38                               | 8.55          |
|            |         |           |             | 6/11/2019  | 6370              | 6519.68                               | 6510.34                               | 9.34          |
|            |         |           |             | 6/25/2019  | 6384              | 6520.08                               | 6510.30                               | 9.78          |
|            |         |           |             | 7/30/2019  | 6419              | 6522.23                               | 6510.19                               | 12.04         |
|            |         |           |             | 8/27/2019  | 6447              | 6527.53                               | 6510.10                               | 17.43         |
|            |         |           |             | 10/1/2019  | 6482              | 6522.78                               | 6509.99                               | 12.79         |
| 10/29/2019 | 6510    | 6518.98   | 6509.90     | 9.08       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6520.32   | 6509.74     | 10.58      |                   |                                       |                                       |               |
| CE15A      | 489,459 | 1,539,111 | 4           | 10/28/2016 | 5414              | 6528.63                               | 6531.67                               | -3.04         |
|            |         |           |             | 12/13/2016 | 5460              | 6529.41                               | 6531.58                               | -2.17         |
|            |         |           |             | 12/15/2016 | 5462              | 6529.39                               | 6531.57                               | -2.18         |
|            |         |           |             | 5/3/2018   | 5966              | 6514.88                               | 6523.06                               | -8.18         |
|            |         |           |             | 12/27/2018 | 6204              | 6524.08                               | 6522.21                               | 1.87          |
|            |         |           |             | 1/29/2019  | 6237              | 6524.10                               | 6525.92                               | -1.82         |
|            |         |           |             | 2/26/2019  | 6265              | 6522.46                               | 6525.84                               | -3.38         |
|            |         |           |             | 3/26/2019  | 6293              | 6522.61                               | 6525.76                               | -3.15         |
|            |         |           |             | 5/24/2019  | 6353              | 6523.91                               | 6525.59                               | -1.68         |
|            |         |           |             | 12/19/2019 | 6561              | 6524.59                               | 6524.97                               | -0.38         |
| CE16A      | 491,873 | 1,542,619 | 4           | 12/2/2017  | 5814              | 6530.97                               | 6527.68                               | 3.29          |
|            |         |           |             | 12/6/2017  | 5818              | 6531.02                               | 6527.66                               | 3.36          |
|            |         |           |             | 6/29/2018  | 6023              | 6532.45                               | 6525.45                               | 7.00          |
|            |         |           |             | 10/3/2019  | 6484              | 6532.91                               | 6526.34                               | 6.57          |
| CE18       | 489,048 | 1,541,185 | 4           | 4/8/2014   | 4481              | 6533.09                               | 6535.08                               | -1.99         |
|            |         |           |             | 7/6/2017   | 5665              | 6530.38                               | 6532.89                               | -2.51         |
|            |         |           |             | 6/14/2018  | 6009              | 6531.04                               | 6530.92                               | 0.12          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 10/18/2019 | 6499              | 6529.47                               | 6527.64                               | 1.83          |
|         |         |           |             | 3/1/2002   | 59                | 6525.64                               | 6523.43                               | 2.21          |
|         |         |           |             | 6/19/2002  | 170               | 6526.24                               | 6523.47                               | 2.77          |
|         |         |           |             | 12/13/2002 | 346               | 6526.12                               | 6523.54                               | 2.58          |
|         |         |           |             | 7/9/2003   | 555               | 6525.92                               | 6524.76                               | 1.16          |
|         |         |           |             | 12/24/2003 | 722               | 6526.49                               | 6525.30                               | 1.19          |
|         |         |           |             | 5/26/2004  | 877               | 6526.76                               | 6526.21                               | 0.55          |
|         |         |           |             | 12/15/2004 | 1080              | 6526.65                               | 6527.42                               | -0.77         |
|         |         |           |             | 12/2/2005  | 1431              | 6526.81                               | 6529.87                               | -3.06         |
|         |         |           |             | 12/15/2005 | 1444              | 6527.29                               | 6529.93                               | -2.64         |
|         |         |           |             | 1/29/2013  | 4046              | 6523.48                               | 6520.59                               | 2.89          |
|         |         |           |             | 2/26/2013  | 4074              | 6522.77                               | 6520.67                               | 2.10          |
|         |         |           |             | 2/26/2013  | 4075              | 6522.95                               | 6520.67                               | 2.28          |
|         |         |           |             | 3/26/2013  | 4102              | 6522.90                               | 6520.75                               | 2.15          |
|         |         |           |             | 4/30/2013  | 4137              | 6524.27                               | 6520.85                               | 3.42          |
|         |         |           |             | 5/29/2013  | 4166              | 6524.38                               | 6520.93                               | 3.45          |
|         |         |           |             | 6/25/2013  | 4193              | 6522.83                               | 6521.00                               | 1.83          |
|         |         |           |             | 1/28/2014  | 4410              | 6522.00                               | 6517.53                               | 4.47          |
|         |         |           |             | 3/1/2014   | 4442              | 6520.83                               | 6517.55                               | 3.28          |
|         |         |           |             | 3/25/2014  | 4466              | 6520.73                               | 6517.58                               | 3.15          |
|         |         |           |             | 4/29/2014  | 4501              | 6520.35                               | 6517.63                               | 2.72          |
|         |         |           |             | 5/28/2014  | 4530              | 6520.50                               | 6517.67                               | 2.83          |
|         |         |           |             | 6/24/2014  | 4557              | 6520.93                               | 6517.71                               | 3.22          |
|         |         |           |             | 7/29/2014  | 4592              | 6521.68                               | 6517.76                               | 3.92          |
|         |         |           |             | 10/28/2014 | 4683              | 6522.55                               | 6517.90                               | 4.65          |
| CE5     | 490,695 | 1,541,453 | 4           | 11/25/2014 | 4711              | 6522.93                               | 6517.95                               | 4.98          |
|         |         |           |             | 7/17/2015  | 4946              | 6530.84                               | 6530.80                               | 0.04          |
|         |         |           |             | 1/26/2016  | 5138              | 6529.05                               | 6528.44                               | 0.61          |
|         |         |           |             | 3/1/2016   | 5174              | 6531.37                               | 6527.93                               | 3.44          |
|         |         |           |             | 7/16/2016  | 5311              | 6530.37                               | 6526.60                               | 3.77          |
|         |         |           |             | 1/31/2017  | 5509              | 6529.25                               | 6524.14                               | 5.11          |
|         |         |           |             | 2/11/2017  | 5521              | 6524.58                               | 6524.07                               | 0.51          |
|         |         |           |             | 2/28/2017  | 5537              | 6529.40                               | 6523.97                               | 5.43          |
|         |         |           |             | 4/25/2017  | 5593              | 6526.75                               | 6523.67                               | 3.08          |
|         |         |           |             | 5/31/2017  | 5629              | 6525.25                               | 6523.49                               | 1.76          |
|         |         |           |             | 6/27/2017  | 5656              | 6525.15                               | 6523.36                               | 1.79          |
|         |         |           |             | 8/1/2017   | 5691              | 6526.65                               | 6523.18                               | 3.47          |
|         |         |           |             | 8/29/2017  | 5719              | 6528.22                               | 6523.05                               | 5.17          |
|         |         |           |             | 7/19/2018  | 6044              | 6519.07                               | 6519.36                               | -0.29         |
|         |         |           |             | 1/29/2019  | 6237              | 6522.00                               | 6521.30                               | 0.70          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|           |         |           |             | 2/26/2019  | 6265              | 6520.50                               | 6521.38                               | -0.88         |
|           |         |           |             | 3/26/2019  | 6293              | 6521.45                               | 6521.41                               | 0.04          |
|           |         |           |             | 4/30/2019  | 6328              | 6519.95                               | 6521.44                               | -1.49         |
|           |         |           |             | 5/29/2019  | 6357              | 6519.85                               | 6521.43                               | -1.58         |
|           |         |           |             | 6/25/2019  | 6384              | 6525.55                               | 6521.41                               | 4.14          |
|           |         |           |             | 7/11/2019  | 6400              | 6525.87                               | 6521.40                               | 4.47          |
|           |         |           |             | 7/30/2019  | 6419              | 6527.05                               | 6521.38                               | 5.67          |
|           |         |           |             | 8/27/2019  | 6447              | 6526.41                               | 6521.36                               | 5.05          |
|           |         |           |             | 10/1/2019  | 6482              | 6526.07                               | 6521.33                               | 4.74          |
|           |         |           |             | 10/29/2019 | 6510              | 6526.02                               | 6521.29                               | 4.73          |
| CE6       | 490,433 | 1,541,698 | 4           | 1/29/2013  | 4046              | 6506.74                               | 6507.84                               | -1.10         |
|           |         |           |             | 2/26/2013  | 4074              | 6507.69                               | 6507.92                               | -0.23         |
|           |         |           |             | 2/26/2013  | 4075              | 6506.88                               | 6507.92                               | -1.04         |
|           |         |           |             | 3/26/2013  | 4102              | 6506.39                               | 6508.00                               | -1.61         |
|           |         |           |             | 4/30/2013  | 4137              | 6507.29                               | 6508.10                               | -0.81         |
|           |         |           |             | 5/29/2013  | 4166              | 6511.24                               | 6508.19                               | 3.05          |
|           |         |           |             | 1/28/2014  | 4410              | 6500.60                               | 6503.17                               | -2.57         |
|           |         |           |             | 3/1/2014   | 4442              | 6499.07                               | 6503.19                               | -4.12         |
|           |         |           |             | 3/25/2014  | 4466              | 6497.44                               | 6503.22                               | -5.78         |
|           |         |           |             | 4/29/2014  | 4501              | 6496.81                               | 6503.27                               | -6.46         |
|           |         |           |             | 5/28/2014  | 4530              | 6500.66                               | 6503.31                               | -2.65         |
|           |         |           |             | 6/24/2014  | 4557              | 6500.72                               | 6503.34                               | -2.62         |
|           |         |           |             | 7/29/2014  | 4592              | 6498.81                               | 6503.39                               | -4.58         |
|           |         |           |             | 8/26/2014  | 4620              | 6499.76                               | 6503.44                               | -3.68         |
|           |         |           |             | 9/23/2014  | 4648              | 6497.49                               | 6503.48                               | -5.99         |
|           |         |           |             | 9/30/2014  | 4656              | 6497.34                               | 6503.49                               | -6.15         |
|           |         |           |             | 10/28/2014 | 4683              | 6498.89                               | 6503.54                               | -4.65         |
|           |         |           |             | 11/25/2014 | 4711              | 6497.80                               | 6503.58                               | -5.78         |
|           |         |           |             | 12/30/2014 | 4746              | 6521.36                               | 6503.64                               | 17.72         |
|           |         |           |             | 7/17/2015  | 4946              | 6531.53                               | 6524.52                               | 7.01          |
|           |         |           |             | 1/26/2016  | 5138              | 6534.06                               | 6521.93                               | 12.13         |
|           |         |           |             | 3/1/2016   | 5174              | 6535.88                               | 6521.30                               | 14.58         |
|           |         |           |             | 7/19/2016  | 5313              | 6531.24                               | 6519.58                               | 11.66         |
| 1/31/2017 | 5509    | 6530.04   | 6512.38     | 17.66      |                   |                                       |                                       |               |
| 2/11/2017 | 5521    | 6533.79   | 6512.29     | 21.50      |                   |                                       |                                       |               |
| 2/28/2017 | 5537    | 6530.34   | 6512.18     | 18.16      |                   |                                       |                                       |               |
| 8/1/2017  | 5691    | 6526.89   | 6511.27     | 15.62      |                   |                                       |                                       |               |
| 8/29/2017 | 5719    | 6529.29   | 6511.11     | 18.18      |                   |                                       |                                       |               |
| 7/19/2018 | 6044    | 6467.37   | 6512.02     | -44.65     |                   |                                       |                                       |               |
| 1/29/2019 | 6237    | 6522.44   | 6517.04     | 5.40       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 2/26/2019  | 6265              | 6482.39                               | 6517.15                               | -34.76        |
|         |         |          |             | 3/26/2019  | 6293              | 6480.69                               | 6517.22                               | -36.53        |
|         |         |          |             | 4/30/2019  | 6328              | 6468.64                               | 6517.28                               | -48.64        |
|         |         |          |             | 5/29/2019  | 6357              | 6477.39                               | 6517.30                               | -39.91        |
|         |         |          |             | 6/25/2019  | 6384              | 6525.89                               | 6517.30                               | 8.59          |
|         |         |          |             | 7/11/2019  | 6400              | 6526.83                               | 6517.30                               | 9.53          |
|         |         |          |             | 7/30/2019  | 6419              | 6527.25                               | 6517.30                               | 9.95          |
|         |         |          |             | 8/27/2019  | 6447              | 6527.40                               | 6517.30                               | 10.10         |
|         |         |          |             | 10/1/2019  | 6482              | 6526.59                               | 6517.29                               | 9.30          |
|         |         |          |             | 10/29/2019 | 6510              | 6526.64                               | 6517.27                               | 9.37          |
|         |         |          |             | 7/21/2006  | 1663              | 6532.00                               | 6530.98                               | 1.02          |
|         |         |          |             | 2/1/2007   | 1857              | 6532.29                               | 6531.24                               | 1.05          |
|         |         |          |             | 2/8/2007   | 1864              | 6532.01                               | 6531.22                               | 0.79          |
|         |         |          |             | 2/27/2007  | 1883              | 6531.89                               | 6531.18                               | 0.71          |
|         |         |          |             | 4/3/2007   | 1918              | 6532.54                               | 6531.11                               | 1.43          |
|         |         |          |             | 5/1/2007   | 1946              | 6532.94                               | 6531.05                               | 1.89          |
|         |         |          |             | 5/30/2007  | 1975              | 6530.51                               | 6530.99                               | -0.48         |
|         |         |          |             | 7/3/2007   | 2009              | 6530.89                               | 6530.93                               | -0.04         |
|         |         |          |             | 7/31/2007  | 2037              | 6530.30                               | 6530.88                               | -0.58         |
|         |         |          |             | 9/5/2007   | 2073              | 6530.92                               | 6530.81                               | 0.11          |
|         |         |          |             | 10/2/2007  | 2100              | 6532.19                               | 6530.76                               | 1.43          |
|         |         |          |             | 10/30/2007 | 2128              | 6529.39                               | 6530.71                               | -1.32         |
|         |         |          |             | 11/13/2007 | 2143              | 6532.59                               | 6530.69                               | 1.90          |
|         |         |          |             | 11/14/2007 | 2144              | 6532.89                               | 6530.69                               | 2.20          |
|         |         |          |             | 12/4/2007  | 2163              | 6532.26                               | 6530.65                               | 1.61          |
|         |         |          |             | 1/3/2008   | 2193              | 6532.29                               | 6530.60                               | 1.69          |
|         |         |          |             | 2/5/2008   | 2226              | 6532.68                               | 6530.46                               | 2.22          |
|         |         |          |             | 2/7/2008   | 2229              | 6532.28                               | 6530.45                               | 1.83          |
|         |         |          |             | 3/4/2008   | 2254              | 6532.18                               | 6530.37                               | 1.81          |
|         |         |          |             | 4/1/2008   | 2282              | 6533.89                               | 6530.28                               | 3.61          |
|         |         |          |             | 5/6/2008   | 2317              | 6529.24                               | 6530.17                               | -0.93         |
|         |         |          |             | 6/3/2008   | 2345              | 6526.39                               | 6530.09                               | -3.70         |
|         |         |          |             | 7/1/2008   | 2373              | 6531.19                               | 6530.03                               | 1.16          |
|         |         |          |             | 8/5/2008   | 2408              | 6525.79                               | 6529.96                               | -4.17         |
|         |         |          |             | 9/3/2008   | 2437              | 6529.65                               | 6529.90                               | -0.25         |
|         |         |          |             | 9/30/2008  | 2464              | 6531.59                               | 6529.85                               | 1.74          |
|         |         |          |             | 10/21/2008 | 2485              | 6529.58                               | 6529.81                               | -0.23         |
|         |         |          |             | 10/28/2008 | 2492              | 6531.19                               | 6529.80                               | 1.39          |
|         |         |          |             | 12/2/2008  | 2527              | 6529.34                               | 6529.74                               | -0.40         |
|         |         |          |             | 12/5/2008  | 2530              | 6529.74                               | 6529.73                               | 0.01          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CE7        | 490,079 | 1,542,652 | 4           | 12/30/2008 | 2555              | 6530.29                               | 6529.69                               | 0.60          |
|            |         |           |             | 2/3/2009   | 2590              | 6531.99                               | 6529.93                               | 2.06          |
|            |         |           |             | 3/3/2009   | 2618              | 6526.99                               | 6530.02                               | -3.03         |
|            |         |           |             | 3/31/2009  | 2647              | 6530.18                               | 6530.11                               | 0.07          |
|            |         |           |             | 5/5/2009   | 2681              | 6532.99                               | 6530.23                               | 2.76          |
|            |         |           |             | 6/2/2009   | 2709              | 6529.59                               | 6530.32                               | -0.73         |
|            |         |           |             | 6/30/2009  | 2737              | 6530.41                               | 6530.39                               | 0.02          |
|            |         |           |             | 8/4/2009   | 2773              | 6534.39                               | 6530.47                               | 3.92          |
|            |         |           |             | 8/27/2009  | 2795              | 6530.62                               | 6530.52                               | 0.10          |
|            |         |           |             | 9/1/2009   | 2800              | 6532.19                               | 6530.53                               | 1.66          |
|            |         |           |             | 9/29/2009  | 2828              | 6530.94                               | 6530.60                               | 0.34          |
|            |         |           |             | 11/3/2009  | 2863              | 6531.29                               | 6530.68                               | 0.61          |
|            |         |           |             | 12/1/2009  | 2892              | 6531.71                               | 6530.73                               | 0.98          |
|            |         |           |             | 12/13/2009 | 2903              | 6531.93                               | 6530.76                               | 1.17          |
|            |         |           |             | 12/29/2009 | 2919              | 6531.89                               | 6530.79                               | 1.10          |
|            |         |           |             | 2/2/2010   | 2954              | 6532.79                               | 6530.81                               | 1.98          |
|            |         |           |             | 3/2/2010   | 2982              | 6531.95                               | 6530.81                               | 1.14          |
|            |         |           |             | 3/30/2010  | 3010              | 6532.43                               | 6530.82                               | 1.61          |
|            |         |           |             | 5/4/2010   | 3045              | 6532.49                               | 6530.87                               | 1.62          |
|            |         |           |             | 6/2/2010   | 3075              | 6534.04                               | 6530.90                               | 3.14          |
|            |         |           |             | 6/29/2010  | 3101              | 6532.64                               | 6530.94                               | 1.70          |
|            |         |           |             | 8/3/2010   | 3136              | 6534.45                               | 6530.98                               | 3.47          |
|            |         |           |             | 8/31/2010  | 3164              | 6533.14                               | 6531.02                               | 2.12          |
|            |         |           |             | 9/8/2010   | 3172              | 6533.19                               | 6531.04                               | 2.15          |
|            |         |           |             | 9/14/2010  | 3179              | 6532.62                               | 6531.05                               | 1.57          |
|            |         |           |             | 9/21/2010  | 3185              | 6533.89                               | 6531.06                               | 2.83          |
|            |         |           |             | 9/28/2010  | 3192              | 6533.09                               | 6531.07                               | 2.02          |
|            |         |           |             | 10/5/2010  | 3200              | 6532.54                               | 6531.08                               | 1.46          |
|            |         |           |             | 10/12/2010 | 3206              | 6533.29                               | 6531.10                               | 2.19          |
|            |         |           |             | 11/9/2010  | 3234              | 6535.19                               | 6531.14                               | 4.05          |
|            |         |           |             | 11/16/2010 | 3241              | 6537.69                               | 6531.16                               | 6.53          |
|            |         |           |             | 11/23/2010 | 3249              | 6533.88                               | 6531.17                               | 2.71          |
|            |         |           |             | 11/30/2010 | 3256              | 6533.74                               | 6531.18                               | 2.56          |
|            |         |           |             | 12/11/2010 | 3267              | 6534.68                               | 6531.20                               | 3.48          |
| 12/16/2010 | 3271    | 6535.37   | 6531.21     | 4.16       |                   |                                       |                                       |               |
| 12/28/2010 | 3283    | 6535.79   | 6531.23     | 4.56       |                   |                                       |                                       |               |
| 1/31/2017  | 5509    | 6530.09   | 6527.41     | 2.68       |                   |                                       |                                       |               |
| 2/28/2017  | 5537    | 6527.79   | 6527.44     | 0.35       |                   |                                       |                                       |               |
| 3/28/2017  | 5565    | 6530.09   | 6527.35     | 2.74       |                   |                                       |                                       |               |
| 4/25/2017  | 5593    | 6528.61   | 6527.24     | 1.37       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 5/31/2017  | 5629              | 6527.82                               | 6527.05                               | 0.77          |
|         |         |           |             | 6/27/2017  | 5656              | 6532.56                               | 6526.88                               | 5.68          |
|         |         |           |             | 8/29/2017  | 5719              | 6533.65                               | 6526.49                               | 7.16          |
|         |         |           |             | 9/26/2017  | 5747              | 6529.01                               | 6526.31                               | 2.70          |
|         |         |           |             | 10/31/2017 | 5782              | 6526.79                               | 6526.08                               | 0.71          |
|         |         |           |             | 11/28/2017 | 5810              | 6525.86                               | 6525.89                               | -0.03         |
|         |         |           |             | 12/6/2017  | 5818              | 6527.09                               | 6525.84                               | 1.25          |
|         |         |           |             | 12/27/2017 | 5839              | 6526.39                               | 6525.70                               | 0.69          |
|         |         |           |             | 7/26/2018  | 6051              | 6531.67                               | 6521.68                               | 9.99          |
|         |         |           |             | 12/27/2018 | 6204              | 6529.44                               | 6519.71                               | 9.73          |
|         |         |           |             | 1/29/2019  | 6237              | 6530.19                               | 6522.03                               | 8.16          |
|         |         |           |             | 2/26/2019  | 6265              | 6533.29                               | 6522.84                               | 10.45         |
|         |         |           |             | 4/30/2019  | 6328              | 6534.29                               | 6523.86                               | 10.43         |
|         |         |           |             | 5/29/2019  | 6357              | 6534.09                               | 6524.11                               | 9.98          |
|         |         |           |             | 6/25/2019  | 6384              | 6531.59                               | 6524.27                               | 7.32          |
|         |         |           |             | 7/11/2019  | 6400              | 6530.93                               | 6524.37                               | 6.56          |
|         |         |           |             | 7/30/2019  | 6419              | 6530.60                               | 6524.49                               | 6.11          |
|         |         |           |             | 8/27/2019  | 6447              | 6534.27                               | 6524.66                               | 9.61          |
|         |         |           |             | 10/1/2019  | 6482              | 6532.57                               | 6524.81                               | 7.76          |
|         |         |           |             | 10/18/2019 | 6499              | 6531.19                               | 6524.85                               | 6.34          |
|         |         |           |             | 10/29/2019 | 6510              | 6529.19                               | 6524.88                               | 4.31          |
|         |         |           |             | 11/15/2019 | 6527              | 6521.39                               | 6524.92                               | -3.53         |
|         |         |           |             | 12/19/2019 | 6561              | 6530.98                               | 6525.01                               | 5.97          |
|         |         |           |             | 9/21/2006  | 1725              | 6525.49                               | 6526.22                               | -0.73         |
|         |         |           |             | 9/21/2006  | 1725              | 6525.49                               | 6526.22                               | -0.73         |
|         |         |           |             | 2/28/2007  | 1885              | 6527.94                               | 6523.67                               | 4.27          |
|         |         |           |             | 11/13/2007 | 2143              | 6530.18                               | 6523.42                               | 6.76          |
|         |         |           |             | 10/21/2008 | 2485              | 6521.79                               | 6519.81                               | 1.98          |
|         |         |           |             | 12/5/2008  | 2530              | 6525.89                               | 6519.75                               | 6.14          |
|         |         |           |             | 10/20/2009 | 2849              | 6518.43                               | 6521.35                               | -2.92         |
|         |         |           |             | 12/13/2009 | 2903              | 6524.86                               | 6521.42                               | 3.44          |
|         |         |           |             | 9/21/2010  | 3186              | 6522.57                               | 6520.43                               | 2.14          |
|         |         |           |             | 12/16/2010 | 3271              | 6524.00                               | 6520.54                               | 3.46          |
|         |         |           |             | 3/3/2011   | 3348              | 6527.44                               | 6527.23                               | 0.21          |
|         |         |           |             | 12/6/2011  | 3627              | 6527.45                               | 6528.11                               | -0.66         |
|         |         |           |             | 11/14/2012 | 3971              | 6524.39                               | 6526.07                               | -1.68         |
| CE8     | 491,556 | 1,540,704 | 4           | 2/28/2013  | 4077              | 6528.64                               | 6524.84                               | 3.80          |
|         |         |           |             | 9/5/2013   | 4265              | 6529.55                               | 6525.35                               | 4.20          |
|         |         |           |             | 12/12/2013 | 4363              | 6526.77                               | 6525.62                               | 1.15          |
|         |         |           |             | 7/24/2014  | 4588              | 6528.64                               | 6522.96                               | 5.68          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/30/2014 | 4746              | 6516.30                               | 6523.20                               | -6.90         |
|            |         |           |             | 3/20/2015  | 4826              | 6530.36                               | 6532.06                               | -1.70         |
|            |         |           |             | 8/19/2015  | 4978              | 6534.04                               | 6532.83                               | 1.21          |
|            |         |           |             | 9/26/2015  | 5016              | 6534.20                               | 6532.95                               | 1.25          |
|            |         |           |             | 12/1/2015  | 5082              | 6532.91                               | 6533.13                               | -0.22         |
|            |         |           |             | 2/11/2016  | 5155              | 6531.99                               | 6530.61                               | 1.38          |
|            |         |           |             | 6/6/2018   | 6000              | 6524.94                               | 6522.51                               | 2.43          |
|            |         |           |             | 12/27/2018 | 6204              | 6525.88                               | 6521.36                               | 4.52          |
|            |         |           |             | 6/7/2019   | 6366              | 6524.80                               | 6523.18                               | 1.62          |
|            |         |           |             | 12/19/2019 | 6561              | 6524.34                               | 6522.90                               | 1.44          |
| CE9        | 489,458 | 1,538,203 | 4           | 10/27/2006 | 1760              | 6523.18                               | 6527.51                               | -4.33         |
|            |         |           |             | 12/13/2006 | 1807              | 6524.42                               | 6527.57                               | -3.15         |
|            |         |           |             | 11/14/2007 | 2144              | 6524.97                               | 6527.62                               | -2.65         |
|            |         |           |             | 10/21/2008 | 2486              | 6519.82                               | 6526.52                               | -6.70         |
|            |         |           |             | 12/6/2008  | 2531              | 6524.72                               | 6526.45                               | -1.73         |
|            |         |           |             | 4/21/2009  | 2668              | 6525.85                               | 6526.70                               | -0.85         |
|            |         |           |             | 10/14/2009 | 2843              | 6519.40                               | 6526.90                               | -7.50         |
|            |         |           |             | 12/13/2009 | 2903              | 6524.51                               | 6526.96                               | -2.45         |
|            |         |           |             | 10/23/2010 | 3218              | 6522.70                               | 6526.79                               | -4.09         |
|            |         |           |             | 12/16/2010 | 3272              | 6525.88                               | 6526.85                               | -0.97         |
|            |         |           |             | 3/3/2011   | 3348              | 6526.86                               | 6528.76                               | -1.90         |
|            |         |           |             | 10/12/2011 | 3572              | 6528.06                               | 6529.47                               | -1.41         |
|            |         |           |             | 12/7/2011  | 3627              | 6528.52                               | 6529.63                               | -1.11         |
|            |         |           |             | 5/3/2012   | 3776              | 6527.41                               | 6529.38                               | -1.97         |
|            |         |           |             | 10/6/2012  | 3932              | 6526.78                               | 6529.66                               | -2.88         |
|            |         |           |             | 11/16/2012 | 3973              | 6527.22                               | 6529.74                               | -2.52         |
|            |         |           |             | 2/28/2013  | 4077              | 6527.61                               | 6529.68                               | -2.07         |
|            |         |           |             | 12/12/2013 | 4363              | 6526.97                               | 6530.12                               | -3.15         |
|            |         |           |             | 10/11/2014 | 4666              | 6527.21                               | 6529.17                               | -1.96         |
|            |         |           |             | 8/19/2015  | 4979              | 6532.06                               | 6532.79                               | -0.73         |
|            |         |           |             | 12/2/2015  | 5083              | 6530.09                               | 6533.12                               | -3.03         |
|            |         |           |             | 12/14/2016 | 5461              | 6529.97                               | 6531.62                               | -1.65         |
|            |         |           |             | 6/6/2018   | 6001              | 6527.10                               | 6528.10                               | -1.00         |
| 7/26/2018  | 6051    | 6524.48   | 6527.94     | -3.46      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6524.57   | 6527.47     | -2.90      |                   |                                       |                                       |               |
| 6/7/2019   | 6367    | 6525.27   | 6527.32     | -2.05      |                   |                                       |                                       |               |
| 7/16/2019  | 6405    | 6526.28   | 6527.20     | -0.92      |                   |                                       |                                       |               |
| 8/28/2019  | 6448    | 6526.68   | 6527.07     | -0.39      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6525.14   | 6526.72     | -1.58      |                   |                                       |                                       |               |
|            |         |           |             | 7/10/2012  | 3843              | 6534.92                               | 6535.58                               | -0.66         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CF1     | 491,868 | 1,544,456 | 4           | 3/5/2013   | 4082              | 6534.47                               | 6535.84                               | -1.37         |
|         |         |           |             | 10/1/2014  | 4657              | 6535.41                               | 6536.97                               | -1.56         |
|         |         |           |             | 7/1/2017   | 5660              | 6533.03                               | 6536.12                               | -3.09         |
|         |         |           |             | 6/8/2018   | 6003              | 6533.90                               | 6533.96                               | -0.06         |
|         |         |           |             | 10/26/2019 | 6508              | 6534.00                               | 6533.81                               | 0.19          |
| CF3     | 491,918 | 1,545,099 | 4           | 8/8/2014   | 4603              | 6537.65                               | 6539.72                               | -2.07         |
|         |         |           |             | 12/13/2016 | 5460              | 6537.45                               | 6540.21                               | -2.76         |
|         |         |           |             | 7/6/2017   | 5666              | 6536.19                               | 6539.16                               | -2.97         |
|         |         |           |             | 12/6/2017  | 5818              | 6535.15                               | 6538.69                               | -3.54         |
|         |         |           |             | 6/20/2018  | 6015              | 6536.35                               | 6537.36                               | -1.01         |
|         |         |           |             | 12/27/2018 | 6204              | 6536.81                               | 6536.35                               | 0.46          |
|         |         |           |             | 10/25/2019 | 6507              | 6536.78                               | 6536.95                               | -0.17         |
| CF4     | 490,520 | 1,543,680 | 4           | 12/19/2019 | 6561              | 6536.16                               | 6536.92                               | -0.76         |
|         |         |           |             | 8/9/2014   | 4603              | 6540.88                               | 6540.06                               | 0.82          |
|         |         |           |             | 12/13/2016 | 5460              | 6535.54                               | 6534.96                               | 0.58          |
|         |         |           |             | 6/8/2018   | 6002              | 6538.38                               | 6530.46                               | 7.92          |
|         |         |           |             | 12/27/2018 | 6204              | 6593.87                               | 6528.32                               | 65.55         |
|         |         |           |             | 12/19/2019 | 6561              | 6602.28                               | 6531.52                               | 70.76         |
| CF5     | 491,463 | 1,544,013 | 4           | 12/20/2019 | 6562              | 6602.31                               | 6531.52                               | 70.79         |
|         |         |           |             | 8/8/2014   | 4602              | 6538.88                               | 6535.71                               | 3.17          |
|         |         |           |             | 7/1/2017   | 5661              | 6535.96                               | 6534.48                               | 1.48          |
|         |         |           |             | 6/19/2018  | 6014              | 6534.06                               | 6531.89                               | 2.17          |
|         |         |           |             | 12/20/2019 | 6562              | 6534.36                               | 6532.05                               | 2.31          |
| CF6     | 490,759 | 1,544,040 | 4           | 12/21/2019 | 6563              | 6561.94                               | 6533.24                               | 28.70         |
|         |         |           |             | 8/8/2014   | 4602              | 6549.60                               | 6540.15                               | 9.45          |
|         |         |           |             | 7/1/2017   | 5661              | 6551.43                               | 6536.22                               | 15.21         |
|         |         |           |             | 6/8/2018   | 6003              | 6551.48                               | 6533.07                               | 18.41         |
| CF7A    | 491,371 | 1,543,500 | 4           | 12/13/2016 | 5460              | 6535.35                               | 6533.32                               | 2.03          |
|         |         |           |             | 12/6/2017  | 5818              | 6532.20                               | 6531.12                               | 1.08          |
|         |         |           |             | 6/19/2018  | 6014              | 6532.74                               | 6528.90                               | 3.84          |
|         |         |           |             | 12/27/2018 | 6204              | 6528.63                               | 6527.47                               | 1.16          |
|         |         |           |             | 10/26/2019 | 6508              | 6534.86                               | 6529.47                               | 5.39          |
|         |         |           |             | 12/19/2019 | 6561              | 6533.18                               | 6529.47                               | 3.71          |
|         |         |           |             | 1/4/2006   | 1465              | 6526.88                               | 6520.10                               | 6.78          |
|         |         |           |             | 1/31/2006  | 1491              | 6527.85                               | 6518.80                               | 9.05          |
|         |         |           |             | 2/28/2006  | 1519              | 6523.90                               | 6518.56                               | 5.34          |
|         |         |           |             | 5/2/2006   | 1582              | 6492.77                               | 6518.51                               | -25.74        |
|         |         |           |             | 5/31/2006  | 1611              | 6467.73                               | 6518.50                               | -50.77        |
|         |         |           |             | 6/27/2006  | 1638              | 6528.68                               | 6518.50                               | 10.18         |
|         |         |           |             | 8/1/2006   | 1673              | 6555.08                               | 6518.49                               | 36.59         |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 8/29/2006  | 1702              | 6566.43                               | 6518.50                               | 47.93         |
|         |         |          |             | 9/26/2006  | 1730              | 6541.08                               | 6518.51                               | 22.57         |
|         |         |          |             | 10/31/2006 | 1765              | 6554.66                               | 6518.53                               | 36.13         |
|         |         |          |             | 11/23/2006 | 1787              | 6520.98                               | 6518.54                               | 2.44          |
|         |         |          |             | 11/29/2006 | 1794              | 6532.18                               | 6518.54                               | 13.64         |
|         |         |          |             | 12/28/2006 | 1823              | 6517.03                               | 6518.55                               | -1.52         |
|         |         |          |             | 1/30/2007  | 1856              | 6502.98                               | 6522.96                               | -19.98        |
|         |         |          |             | 2/27/2007  | 1884              | 6560.78                               | 6523.12                               | 37.66         |
|         |         |          |             | 2/27/2007  | 1884              | 6560.91                               | 6523.12                               | 37.79         |
|         |         |          |             | 4/3/2007   | 1919              | 6553.48                               | 6523.30                               | 30.18         |
|         |         |          |             | 5/1/2007   | 1947              | 6558.58                               | 6523.44                               | 35.14         |
|         |         |          |             | 5/30/2007  | 1976              | 6558.68                               | 6523.59                               | 35.09         |
|         |         |          |             | 7/3/2007   | 2010              | 6558.68                               | 6523.65                               | 35.03         |
|         |         |          |             | 7/31/2007  | 2038              | 6563.88                               | 6523.69                               | 40.19         |
|         |         |          |             | 9/5/2007   | 2074              | 6557.28                               | 6523.74                               | 33.54         |
|         |         |          |             | 10/2/2007  | 2101              | 6563.58                               | 6523.78                               | 39.80         |
|         |         |          |             | 10/30/2007 | 2129              | 6550.65                               | 6523.82                               | 26.83         |
|         |         |          |             | 11/1/2007  | 2130              | 6551.18                               | 6523.82                               | 27.36         |
|         |         |          |             | 11/14/2007 | 2143              | 6563.16                               | 6523.84                               | 39.32         |
|         |         |          |             | 12/4/2007  | 2164              | 6563.03                               | 6523.86                               | 39.17         |
|         |         |          |             | 1/3/2008   | 2193              | 6563.63                               | 6524.76                               | 38.87         |
|         |         |          |             | 2/5/2008   | 2227              | 6563.72                               | 6526.40                               | 37.32         |
|         |         |          |             | 3/4/2008   | 2255              | 6563.23                               | 6526.42                               | 36.81         |
|         |         |          |             | 4/1/2008   | 2282              | 6556.38                               | 6526.44                               | 29.94         |
|         |         |          |             | 4/16/2008  | 2298              | 6550.96                               | 6526.45                               | 24.51         |
|         |         |          |             | 5/6/2008   | 2318              | 6550.78                               | 6526.47                               | 24.31         |
|         |         |          |             | 6/3/2008   | 2345              | 6532.87                               | 6526.49                               | 6.38          |
|         |         |          |             | 6/18/2008  | 2361              | 6546.08                               | 6526.48                               | 19.60         |
|         |         |          |             | 7/1/2008   | 2374              | 6542.62                               | 6526.47                               | 16.15         |
|         |         |          |             | 8/5/2008   | 2409              | 6562.18                               | 6526.44                               | 35.74         |
|         |         |          |             | 9/3/2008   | 2437              | 6546.03                               | 6526.42                               | 19.61         |
|         |         |          |             | 9/30/2008  | 2464              | 6539.33                               | 6526.40                               | 12.93         |
|         |         |          |             | 10/28/2008 | 2493              | 6550.06                               | 6526.38                               | 23.68         |
|         |         |          |             | 12/2/2008  | 2527              | 6553.28                               | 6526.36                               | 26.92         |
|         |         |          |             | 12/5/2008  | 2530              | 6553.08                               | 6526.36                               | 26.72         |
|         |         |          |             | 12/30/2008 | 2555              | 6553.38                               | 6526.34                               | 27.04         |
|         |         |          |             | 2/3/2009   | 2590              | 6552.58                               | 6525.01                               | 27.57         |
|         |         |          |             | 3/3/2009   | 2619              | 6551.20                               | 6525.05                               | 26.15         |
|         |         |          |             | 3/31/2009  | 2647              | 6550.81                               | 6525.09                               | 25.72         |
|         |         |          |             | 4/21/2009  | 2667              | 6550.52                               | 6525.12                               | 25.40         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW18      | 491,378 | 1,535,924 | 4           | 5/5/2009   | 2682              | 6552.63                               | 6525.14                               | 27.49         |
|           |         |           |             | 6/2/2009   | 2709              | 6552.18                               | 6525.18                               | 27.00         |
|           |         |           |             | 6/24/2009  | 2731              | 6529.84                               | 6525.22                               | 4.62          |
|           |         |           |             | 6/30/2009  | 2738              | 6524.78                               | 6525.23                               | -0.45         |
|           |         |           |             | 8/4/2009   | 2773              | 6544.58                               | 6525.30                               | 19.28         |
|           |         |           |             | 9/1/2009   | 2801              | 6519.18                               | 6525.35                               | -6.17         |
|           |         |           |             | 9/29/2009  | 2829              | 6521.61                               | 6525.40                               | -3.79         |
|           |         |           |             | 11/3/2009  | 2864              | 6518.78                               | 6525.47                               | -6.69         |
|           |         |           |             | 12/1/2009  | 2891              | 6529.62                               | 6525.52                               | 4.10          |
|           |         |           |             | 12/1/2009  | 2891              | 6529.62                               | 6525.52                               | 4.10          |
|           |         |           |             | 12/15/2009 | 2906              | 6536.53                               | 6525.54                               | 10.99         |
|           |         |           |             | 12/29/2009 | 2920              | 6534.83                               | 6525.57                               | 9.26          |
|           |         |           |             | 2/2/2010   | 2955              | 6542.07                               | 6524.29                               | 17.78         |
|           |         |           |             | 3/2/2010   | 2983              | 6544.03                               | 6524.24                               | 19.79         |
|           |         |           |             | 3/30/2010  | 3011              | 6542.44                               | 6524.24                               | 18.20         |
|           |         |           |             | 5/4/2010   | 3046              | 6543.83                               | 6524.32                               | 19.51         |
|           |         |           |             | 6/2/2010   | 3075              | 6499.18                               | 6524.39                               | -25.21        |
|           |         |           |             | 6/29/2010  | 3101              | 6457.98                               | 6524.45                               | -66.47        |
|           |         |           |             | 8/31/2010  | 3165              | 6518.98                               | 6524.60                               | -5.62         |
|           |         |           |             | 9/8/2010   | 3173              | 6512.53                               | 6524.62                               | -12.09        |
|           |         |           |             | 9/14/2010  | 3179              | 6509.53                               | 6524.64                               | -15.11        |
|           |         |           |             | 9/21/2010  | 3185              | 6508.79                               | 6524.66                               | -15.87        |
|           |         |           |             | 9/28/2010  | 3192              | 6509.95                               | 6524.67                               | -14.72        |
|           |         |           |             | 9/28/2010  | 3193              | 6509.75                               | 6524.67                               | -14.92        |
|           |         |           |             | 10/5/2010  | 3200              | 6509.59                               | 6524.69                               | -15.10        |
|           |         |           |             | 10/12/2010 | 3207              | 6508.53                               | 6524.71                               | -16.18        |
|           |         |           |             | 10/19/2010 | 3214              | 6525.28                               | 6524.72                               | 0.56          |
|           |         |           |             | 10/26/2010 | 3221              | 6513.98                               | 6524.74                               | -10.76        |
|           |         |           |             | 11/2/2010  | 3228              | 6490.08                               | 6524.76                               | -34.68        |
|           |         |           |             | 11/9/2010  | 3234              | 6495.78                               | 6524.78                               | -29.00        |
|           |         |           |             | 11/16/2010 | 3242              | 6500.96                               | 6524.79                               | -23.83        |
|           |         |           |             | 11/30/2010 | 3255              | 6501.39                               | 6524.83                               | -23.44        |
|           |         |           |             | 12/16/2010 | 3271              | 6501.23                               | 6524.87                               | -23.64        |
|           |         |           |             | 12/28/2010 | 3284              | 6524.50                               | 6524.89                               | -0.39         |
| 2/15/2011 | 3333    | 6533.04   | 6524.22     | 8.82       |                   |                                       |                                       |               |
| 3/1/2011  | 3347    | 6534.78   | 6524.24     | 10.54      |                   |                                       |                                       |               |
| 4/5/2011  | 3381    | 6531.13   | 6524.28     | 6.85       |                   |                                       |                                       |               |
| 4/26/2011 | 3403    | 6532.50   | 6524.31     | 8.19       |                   |                                       |                                       |               |
| 5/24/2011 | 3431    | 6508.18   | 6524.34     | -16.16     |                   |                                       |                                       |               |
| 6/15/2011 | 3453    | 6492.68   | 6524.38     | -31.70     |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 6/28/2011  | 3466              | 6498.78                               | 6524.40                               | -25.62        |
|         |         |          |             | 9/27/2011  | 3556              | 6510.23                               | 6524.58                               | -14.35        |
|         |         |          |             | 10/25/2011 | 3585              | 6483.98                               | 6524.64                               | -40.66        |
|         |         |          |             | 11/22/2011 | 3613              | 6500.38                               | 6524.69                               | -24.31        |
|         |         |          |             | 12/8/2011  | 3628              | 6516.57                               | 6524.72                               | -8.15         |
|         |         |          |             | 1/24/2012  | 3676              | 6548.91                               | 6526.17                               | 22.74         |
|         |         |          |             | 2/28/2012  | 3711              | 6553.40                               | 6526.37                               | 27.03         |
|         |         |          |             | 4/24/2012  | 3766              | 6551.15                               | 6526.53                               | 24.62         |
|         |         |          |             | 5/24/2012  | 3797              | 6543.84                               | 6526.62                               | 17.22         |
|         |         |          |             | 5/30/2012  | 3803              | 6551.15                               | 6526.63                               | 24.52         |
|         |         |          |             | 6/26/2012  | 3830              | 6529.84                               | 6526.69                               | 3.15          |
|         |         |          |             | 8/28/2012  | 3893              | 6463.31                               | 6526.82                               | -63.51        |
|         |         |          |             | 10/23/2012 | 3948              | 6481.21                               | 6526.93                               | -45.72        |
|         |         |          |             | 11/14/2012 | 3970              | 6488.68                               | 6526.97                               | -38.29        |
|         |         |          |             | 11/27/2012 | 3983              | 6516.74                               | 6527.00                               | -10.26        |
|         |         |          |             | 12/27/2012 | 4013              | 6504.13                               | 6527.05                               | -22.92        |
|         |         |          |             | 1/29/2013  | 4047              | 6516.50                               | 6526.61                               | -10.11        |
|         |         |          |             | 2/26/2013  | 4075              | 6541.65                               | 6526.66                               | 14.99         |
|         |         |          |             | 2/26/2013  | 4075              | 6541.58                               | 6526.66                               | 14.92         |
|         |         |          |             | 3/26/2013  | 4103              | 6537.80                               | 6526.72                               | 11.08         |
|         |         |          |             | 4/30/2013  | 4137              | 6541.56                               | 6526.79                               | 14.77         |
|         |         |          |             | 5/29/2013  | 4167              | 6550.88                               | 6526.85                               | 24.03         |
|         |         |          |             | 6/25/2013  | 4194              | 6552.06                               | 6526.89                               | 25.17         |
|         |         |          |             | 12/12/2013 | 4364              | 6535.13                               | 6527.24                               | 7.89          |
|         |         |          |             | 3/1/2014   | 4442              | 6529.33                               | 6525.91                               | 3.42          |
|         |         |          |             | 4/29/2014  | 4501              | 6494.28                               | 6525.89                               | -31.61        |
|         |         |          |             | 5/28/2014  | 4530              | 6536.16                               | 6525.88                               | 10.28         |
|         |         |          |             | 6/24/2014  | 4557              | 6548.05                               | 6525.89                               | 22.16         |
|         |         |          |             | 8/26/2014  | 4620              | 6550.90                               | 6525.93                               | 24.97         |
|         |         |          |             | 10/4/2014  | 4659              | 6554.18                               | 6525.96                               | 28.22         |
|         |         |          |             | 10/28/2014 | 4683              | 6555.08                               | 6525.98                               | 29.10         |
|         |         |          |             | 11/25/2014 | 4711              | 6552.35                               | 6526.01                               | 26.34         |
|         |         |          |             | 12/30/2014 | 4746              | 6552.78                               | 6526.04                               | 26.74         |
|         |         |          |             | 3/31/2015  | 4838              | 6496.68                               | 6527.09                               | -30.41        |
|         |         |          |             | 12/1/2015  | 5082              | 6555.58                               | 6528.03                               | 27.55         |
|         |         |          |             | 8/25/2016  | 5351              | 6553.73                               | 6525.72                               | 28.01         |
|         |         |          |             | 12/13/2016 | 5460              | 6550.96                               | 6525.79                               | 25.17         |
|         |         |          |             | 1/31/2017  | 5509              | 6546.78                               | 6526.02                               | 20.76         |
|         |         |          |             | 2/28/2017  | 5537              | 6554.40                               | 6526.04                               | 28.36         |
|         |         |          |             | 3/21/2017  | 5559              | 6532.73                               | 6526.03                               | 6.70          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 3/28/2017  | 5565              | 6544.62                               | 6526.02                               | 18.60         |
|            |         |           |             | 4/25/2017  | 5593              | 6548.98                               | 6525.99                               | 22.99         |
|            |         |           |             | 5/31/2017  | 5629              | 6545.58                               | 6525.93                               | 19.65         |
|            |         |           |             | 6/27/2017  | 5656              | 6551.92                               | 6525.88                               | 26.04         |
|            |         |           |             | 8/29/2017  | 5719              | 6493.68                               | 6525.77                               | -32.09        |
|            |         |           |             | 9/26/2017  | 5747              | 6527.65                               | 6525.72                               | 1.93          |
|            |         |           |             | 10/31/2017 | 5782              | 6539.88                               | 6525.65                               | 14.23         |
|            |         |           |             | 11/28/2017 | 5810              | 6552.54                               | 6525.60                               | 26.94         |
|            |         |           |             | 12/6/2017  | 5818              | 6554.37                               | 6525.58                               | 28.79         |
|            |         |           |             | 12/27/2017 | 5839              | 6534.31                               | 6525.54                               | 8.77          |
|            |         |           |             | 6/6/2018   | 6000              | 6533.14                               | 6524.48                               | 8.66          |
|            |         |           |             | 12/27/2018 | 6204              | 6549.20                               | 6524.10                               | 25.10         |
|            |         |           |             | 1/29/2019  | 6237              | 6526.16                               | 6524.64                               | 1.52          |
|            |         |           |             | 2/26/2019  | 6265              | 6533.55                               | 6524.64                               | 8.91          |
|            |         |           |             | 3/26/2019  | 6293              | 6531.95                               | 6524.61                               | 7.34          |
|            |         |           |             | 4/30/2019  | 6328              | 6531.00                               | 6524.55                               | 6.45          |
|            |         |           |             | 5/29/2019  | 6357              | 6531.55                               | 6524.49                               | 7.06          |
|            |         |           |             | 6/7/2019   | 6366              | 6530.25                               | 6524.46                               | 5.79          |
|            |         |           |             | 6/25/2019  | 6384              | 6532.00                               | 6524.42                               | 7.58          |
|            |         |           |             | 8/27/2019  | 6447              | 6523.73                               | 6524.27                               | -0.54         |
|            |         |           |             | 10/1/2019  | 6482              | 6519.05                               | 6524.18                               | -5.13         |
|            |         |           |             | 10/29/2019 | 6510              | 6523.29                               | 6524.11                               | -0.82         |
| 12/19/2019 | 6561    | 6518.98   | 6523.97     | -4.99      |                   |                                       |                                       |               |
| CW2-1      | 491,302 | 1,545,212 | 4           | 12/13/2002 | 346               | 6521.05                               | 6527.22                               | -6.17         |
|            |         |           |             | 12/24/2003 | 722               | 6522.78                               | 6529.05                               | -6.27         |
|            |         |           |             | 12/15/2004 | 1079              | 6522.12                               | 6530.34                               | -8.22         |
|            |         |           |             | 12/2/2005  | 1432              | 6531.13                               | 6528.80                               | 2.33          |
|            |         |           |             | 12/22/2006 | 1816              | 6530.02                               | 6531.51                               | -1.49         |
|            |         |           |             | 11/14/2007 | 2143              | 6534.89                               | 6536.91                               | -2.02         |
|            |         |           |             | 12/5/2008  | 2530              | 6535.76                               | 6536.86                               | -1.10         |
|            |         |           |             | 12/10/2009 | 2900              | 6536.36                               | 6537.44                               | -1.08         |
|            |         |           |             | 12/7/2011  | 3628              | 6539.46                               | 6539.50                               | -0.04         |
|            |         |           |             | 11/14/2012 | 3971              | 6539.57                               | 6539.55                               | 0.02          |
|            |         |           |             | 12/12/2013 | 4363              | 6541.11                               | 6541.31                               | -0.20         |
|            |         |           |             | 12/2/2015  | 5083              | 6543.83                               | 6544.30                               | -0.47         |
|            |         |           |             | 12/14/2016 | 5461              | 6540.46                               | 6541.81                               | -1.35         |
|            |         |           |             | 12/6/2017  | 5818              | 6539.08                               | 6540.40                               | -1.32         |
|            |         |           |             | 12/27/2018 | 6204              | 6490.82                               | 6538.11                               | -47.29        |
|            |         |           |             | 12/19/2019 | 6561              | 6539.64                               | 6538.42                               | 1.22          |
|            |         |           |             | 2/27/2007  | 1883              | 6529.51                               | 6530.90                               | -1.39         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 4/3/2007   | 1919              | 6529.07                               | 6531.11                               | -2.04         |
|         |         |          |             | 5/1/2007   | 1947              | 6528.23                               | 6531.27                               | -3.04         |
|         |         |          |             | 5/30/2007  | 1976              | 6528.48                               | 6531.45                               | -2.97         |
|         |         |          |             | 6/28/2007  | 2005              | 6527.68                               | 6531.52                               | -3.84         |
|         |         |          |             | 7/3/2007   | 2009              | 6527.87                               | 6531.53                               | -3.66         |
|         |         |          |             | 7/31/2007  | 2038              | 6527.88                               | 6531.58                               | -3.70         |
|         |         |          |             | 9/5/2007   | 2073              | 6529.66                               | 6531.65                               | -1.99         |
|         |         |          |             | 10/2/2007  | 2101              | 6529.20                               | 6531.70                               | -2.50         |
|         |         |          |             | 10/30/2007 | 2129              | 6529.28                               | 6531.75                               | -2.47         |
|         |         |          |             | 11/14/2007 | 2143              | 6529.88                               | 6531.78                               | -1.90         |
|         |         |          |             | 12/4/2007  | 2164              | 6529.83                               | 6531.80                               | -1.97         |
|         |         |          |             | 1/3/2008   | 2193              | 6529.88                               | 6533.18                               | -3.30         |
|         |         |          |             | 2/5/2008   | 2227              | 6529.89                               | 6534.44                               | -4.55         |
|         |         |          |             | 2/5/2008   | 2227              | 6530.10                               | 6534.44                               | -4.34         |
|         |         |          |             | 3/4/2008   | 2254              | 6529.83                               | 6534.41                               | -4.58         |
|         |         |          |             | 4/1/2008   | 2282              | 6529.28                               | 6534.38                               | -5.10         |
|         |         |          |             | 5/6/2008   | 2317              | 6529.43                               | 6534.35                               | -4.92         |
|         |         |          |             | 6/3/2008   | 2345              | 6527.63                               | 6534.32                               | -6.69         |
|         |         |          |             | 6/5/2008   | 2347              | 6528.10                               | 6534.32                               | -6.22         |
|         |         |          |             | 7/1/2008   | 2373              | 6527.63                               | 6534.32                               | -6.69         |
|         |         |          |             | 8/5/2008   | 2408              | 6529.08                               | 6534.32                               | -5.24         |
|         |         |          |             | 9/3/2008   | 2437              | 6528.20                               | 6534.32                               | -6.12         |
|         |         |          |             | 9/30/2008  | 2464              | 6527.63                               | 6534.32                               | -6.69         |
|         |         |          |             | 10/28/2008 | 2493              | 6529.13                               | 6534.32                               | -5.19         |
|         |         |          |             | 12/2/2008  | 2527              | 6529.68                               | 6534.32                               | -4.64         |
|         |         |          |             | 12/30/2008 | 2555              | 6530.03                               | 6534.33                               | -4.30         |
|         |         |          |             | 2/3/2009   | 2590              | 6530.68                               | 6534.82                               | -4.14         |
|         |         |          |             | 3/3/2009   | 2618              | 6530.43                               | 6534.87                               | -4.44         |
|         |         |          |             | 3/31/2009  | 2647              | 6530.25                               | 6534.92                               | -4.67         |
|         |         |          |             | 4/29/2009  | 2676              | 6532.08                               | 6534.98                               | -2.90         |
|         |         |          |             | 5/5/2009   | 2681              | 6530.83                               | 6534.99                               | -4.16         |
|         |         |          |             | 6/2/2009   | 2709              | 6530.38                               | 6535.04                               | -4.66         |
|         |         |          |             | 6/30/2009  | 2738              | 6528.35                               | 6535.07                               | -6.72         |
|         |         |          |             | 8/4/2009   | 2773              | 6528.36                               | 6535.11                               | -6.75         |
|         |         |          |             | 9/1/2009   | 2800              | 6527.28                               | 6535.14                               | -7.86         |
|         |         |          |             | 9/22/2009  | 2822              | 6527.50                               | 6535.16                               | -7.66         |
|         |         |          |             | 9/29/2009  | 2829              | 6527.28                               | 6535.16                               | -7.88         |
|         |         |          |             | 11/3/2009  | 2863              | 6526.38                               | 6535.20                               | -8.82         |
|         |         |          |             | 12/1/2009  | 2892              | 6529.38                               | 6535.23                               | -5.85         |
|         |         |          |             | 12/29/2009 | 2919              | 6527.19                               | 6535.25                               | -8.06         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW3        | 493,496 | 1,545,200 | 4           | 2/2/2010   | 2955              | 6530.93                               | 6533.99                               | -3.06         |
|            |         |           |             | 3/2/2010   | 2982              | 6531.20                               | 6534.16                               | -2.96         |
|            |         |           |             | 3/2/2010   | 2982              | 6530.78                               | 6534.16                               | -3.38         |
|            |         |           |             | 3/30/2010  | 3011              | 6531.03                               | 6534.29                               | -3.26         |
|            |         |           |             | 5/4/2010   | 3045              | 6531.20                               | 6534.37                               | -3.17         |
|            |         |           |             | 6/2/2010   | 3075              | 6530.23                               | 6534.45                               | -4.22         |
|            |         |           |             | 6/29/2010  | 3102              | 6529.58                               | 6534.51                               | -4.93         |
|            |         |           |             | 8/3/2010   | 3136              | 6530.78                               | 6534.60                               | -3.82         |
|            |         |           |             | 8/31/2010  | 3164              | 6530.98                               | 6534.66                               | -3.68         |
|            |         |           |             | 9/8/2010   | 3172              | 6528.59                               | 6534.67                               | -6.08         |
|            |         |           |             | 9/14/2010  | 3179              | 6530.01                               | 6534.68                               | -4.67         |
|            |         |           |             | 9/21/2010  | 3185              | 6528.46                               | 6534.70                               | -6.24         |
|            |         |           |             | 9/28/2010  | 3192              | 6528.46                               | 6534.71                               | -6.25         |
|            |         |           |             | 10/5/2010  | 3200              | 6530.09                               | 6534.72                               | -4.63         |
|            |         |           |             | 10/12/2010 | 3207              | 6528.88                               | 6534.74                               | -5.86         |
|            |         |           |             | 10/19/2010 | 3214              | 6528.08                               | 6534.75                               | -6.67         |
|            |         |           |             | 10/26/2010 | 3221              | 6528.98                               | 6534.76                               | -5.78         |
|            |         |           |             | 11/2/2010  | 3227              | 6528.13                               | 6534.78                               | -6.65         |
|            |         |           |             | 11/9/2010  | 3234              | 6529.95                               | 6534.79                               | -4.84         |
|            |         |           |             | 11/16/2010 | 3241              | 6530.36                               | 6534.80                               | -4.44         |
|            |         |           |             | 11/30/2010 | 3255              | 6530.73                               | 6534.83                               | -4.10         |
|            |         |           |             | 12/28/2010 | 3283              | 6531.33                               | 6534.88                               | -3.55         |
|            |         |           |             | 2/1/2011   | 3318              | 6533.53                               | 6537.38                               | -3.85         |
|            |         |           |             | 2/1/2011   | 3318              | 6533.53                               | 6537.38                               | -3.85         |
|            |         |           |             | 3/1/2011   | 3346              | 6532.38                               | 6537.37                               | -4.99         |
|            |         |           |             | 4/5/2011   | 3381              | 6532.68                               | 6537.37                               | -4.69         |
|            |         |           |             | 4/26/2011  | 3403              | 6532.23                               | 6537.36                               | -5.13         |
|            |         |           |             | 5/24/2011  | 3431              | 6532.05                               | 6537.35                               | -5.30         |
|            |         |           |             | 6/28/2011  | 3465              | 6532.10                               | 6537.38                               | -5.28         |
|            |         |           |             | 7/26/2011  | 3493              | 6530.81                               | 6537.41                               | -6.60         |
|            |         |           |             | 8/11/2011  | 3509              | 6531.20                               | 6537.43                               | -6.23         |
|            |         |           |             | 8/30/2011  | 3528              | 6531.63                               | 6537.45                               | -5.82         |
| 9/27/2011  | 3557    | 6532.58   | 6537.48     | -4.90      |                   |                                       |                                       |               |
| 10/25/2011 | 3585    | 6532.46   | 6537.52     | -5.06      |                   |                                       |                                       |               |
| 11/22/2011 | 3613    | 6532.73   | 6537.55     | -4.82      |                   |                                       |                                       |               |
| 12/20/2011 | 3640    | 6533.58   | 6537.59     | -4.01      |                   |                                       |                                       |               |
| 1/24/2012  | 3675    | 6533.78   | 6537.14     | -3.36      |                   |                                       |                                       |               |
| 2/28/2012  | 3711    | 6533.68   | 6537.19     | -3.51      |                   |                                       |                                       |               |
| 3/27/2012  | 3738    | 6533.56   | 6537.23     | -3.67      |                   |                                       |                                       |               |
| 4/24/2012  | 3766    | 6532.93   | 6537.28     | -4.35      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 5/30/2012  | 3802              | 6532.81                               | 6537.34                               | -4.53         |
|         |         |          |             | 6/26/2012  | 3829              | 6533.97                               | 6537.36                               | -3.39         |
|         |         |          |             | 7/24/2012  | 3857              | 6532.53                               | 6537.39                               | -4.86         |
|         |         |          |             | 8/7/2012   | 3872              | 6532.37                               | 6537.41                               | -5.04         |
|         |         |          |             | 8/28/2012  | 3892              | 6531.48                               | 6537.43                               | -5.95         |
|         |         |          |             | 9/25/2012  | 3921              | 6530.73                               | 6537.45                               | -6.72         |
|         |         |          |             | 10/23/2012 | 3949              | 6531.23                               | 6537.48                               | -6.25         |
|         |         |          |             | 11/27/2012 | 3983              | 6532.58                               | 6537.51                               | -4.93         |
|         |         |          |             | 12/27/2012 | 4013              | 6532.48                               | 6537.54                               | -5.06         |
|         |         |          |             | 1/29/2013  | 4046              | 6532.88                               | 6537.73                               | -4.85         |
|         |         |          |             | 2/26/2013  | 4074              | 6533.34                               | 6537.90                               | -4.56         |
|         |         |          |             | 2/28/2013  | 4077              | 6533.26                               | 6537.91                               | -4.65         |
|         |         |          |             | 3/26/2013  | 4102              | 6533.13                               | 6538.06                               | -4.93         |
|         |         |          |             | 4/30/2013  | 4138              | 6533.86                               | 6538.25                               | -4.39         |
|         |         |          |             | 5/29/2013  | 4167              | 6534.18                               | 6538.42                               | -4.24         |
|         |         |          |             | 6/25/2013  | 4193              | 6533.66                               | 6538.54                               | -4.88         |
|         |         |          |             | 12/12/2013 | 4363              | 6533.39                               | 6539.17                               | -5.78         |
|         |         |          |             | 1/28/2014  | 4410              | 6533.63                               | 6538.78                               | -5.15         |
|         |         |          |             | 3/1/2014   | 4442              | 6535.48                               | 6538.89                               | -3.41         |
|         |         |          |             | 4/29/2014  | 4501              | 6530.23                               | 6539.08                               | -8.85         |
|         |         |          |             | 5/28/2014  | 4530              | 6533.27                               | 6539.17                               | -5.90         |
|         |         |          |             | 6/24/2014  | 4557              | 6534.10                               | 6539.25                               | -5.15         |
|         |         |          |             | 7/29/2014  | 4592              | 6533.76                               | 6539.34                               | -5.58         |
|         |         |          |             | 8/26/2014  | 4620              | 6531.63                               | 6539.41                               | -7.78         |
|         |         |          |             | 9/23/2014  | 4648              | 6533.58                               | 6539.47                               | -5.89         |
|         |         |          |             | 10/3/2014  | 4659              | 6535.58                               | 6539.49                               | -3.91         |
|         |         |          |             | 10/28/2014 | 4683              | 6534.88                               | 6539.55                               | -4.67         |
|         |         |          |             | 12/30/2014 | 4746              | 6535.91                               | 6539.69                               | -3.78         |
|         |         |          |             | 7/2/2015   | 4930              | 6535.49                               | 6542.40                               | -6.91         |
|         |         |          |             | 12/2/2015  | 5083              | 6537.66                               | 6542.71                               | -5.05         |
|         |         |          |             | 12/14/2016 | 5461              | 6534.77                               | 6540.29                               | -5.52         |
|         |         |          |             | 11/29/2017 | 5811              | 6530.62                               | 6538.91                               | -8.29         |
|         |         |          |             | 12/6/2017  | 5818              | 6531.38                               | 6538.89                               | -7.51         |
|         |         |          |             | 2/16/2018  | 5890              | 6532.98                               | 6538.37                               | -5.39         |
|         |         |          |             | 6/7/2018   | 6001              | 6534.97                               | 6537.80                               | -2.83         |
|         |         |          |             | 12/4/2018  | 6181              | 6530.64                               | 6536.97                               | -6.33         |
|         |         |          |             | 4/19/2019  | 6317              | 6531.06                               | 6537.46                               | -6.40         |
|         |         |          |             | 6/11/2019  | 6370              | 6531.73                               | 6537.47                               | -5.74         |
|         |         |          |             | 12/19/2019 | 6561              | 6530.93                               | 6537.39                               | -6.46         |
|         |         |          |             | 3/29/2002  | 88                | 6522.13                               | 6507.65                               | 14.48         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW40       | 491,819 | 1,537,624 | 4           | 7/24/2002  | 204               | 6545.56                               | 6507.65                               | 37.91         |
|            |         |           |             | 7/8/2003   | 554               | 6490.38                               | 6500.65                               | -10.27        |
|            |         |           |             | 12/24/2003 | 722               | 6474.16                               | 6500.75                               | -26.59        |
|            |         |           |             | 5/28/2004  | 879               | 6544.64                               | 6510.15                               | 34.49         |
|            |         |           |             | 12/15/2004 | 1079              | 6564.02                               | 6510.73                               | 53.29         |
|            |         |           |             | 5/27/2005  | 1243              | 6520.63                               | 6537.51                               | -16.88        |
|            |         |           |             | 12/13/2006 | 1808              | 6485.48                               | 6521.25                               | -35.77        |
|            |         |           |             | 10/26/2007 | 2125              | 6549.04                               | 6539.65                               | 9.39          |
|            |         |           |             | 11/14/2007 | 2143              | 6563.43                               | 6539.69                               | 23.74         |
|            |         |           |             | 10/16/2008 | 2481              | 6533.94                               | 6551.16                               | -17.22        |
|            |         |           |             | 12/5/2008  | 2530              | 6553.09                               | 6551.16                               | 1.93          |
|            |         |           |             | 12/15/2009 | 2906              | 6536.26                               | 6545.05                               | -8.79         |
|            |         |           |             | 12/16/2010 | 3271              | 6501.09                               | 6538.40                               | -37.31        |
|            |         |           |             | 12/8/2011  | 3628              | 6516.44                               | 6534.51                               | -18.07        |
|            |         |           |             | 11/14/2012 | 3970              | 6488.49                               | 6542.12                               | -53.63        |
|            |         |           |             | 12/12/2013 | 4364              | 6534.17                               | 6540.30                               | -6.13         |
|            |         |           |             | 12/2/2015  | 5083              | 6556.81                               | 6538.81                               | 18.00         |
|            |         |           |             | 12/13/2016 | 5460              | 6551.07                               | 6530.63                               | 20.44         |
|            |         |           |             | 7/1/2017   | 5660              | 6551.94                               | 6531.08                               | 20.86         |
|            |         |           |             | 12/6/2017  | 5818              | 6554.29                               | 6530.79                               | 23.50         |
| 6/20/2018  | 6015    | 6529.90   | 6528.82     | 1.08       |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6550.14   | 6528.44     | 21.70      |                   |                                       |                                       |               |
| 10/24/2019 | 6505    | 6522.34   | 6529.22     | -6.88      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6519.03   | 6529.10     | -10.07     |                   |                                       |                                       |               |
|            |         |           |             | 5/30/2003  | 515               | 6523.95                               | 6533.77                               | -9.82         |
|            |         |           |             | 6/25/2003  | 541               | 6523.85                               | 6533.83                               | -9.98         |
|            |         |           |             | 7/2/2003   | 547               | 6523.77                               | 6533.85                               | -10.08        |
|            |         |           |             | 8/15/2003  | 592               | 6523.52                               | 6533.95                               | -10.43        |
|            |         |           |             | 12/24/2003 | 722               | 6523.41                               | 6534.24                               | -10.83        |
|            |         |           |             | 3/17/2004  | 807               | 6520.43                               | 6534.24                               | -13.81        |
|            |         |           |             | 8/31/2004  | 974               | 6521.95                               | 6535.10                               | -13.15        |
|            |         |           |             | 12/15/2004 | 1079              | 6521.82                               | 6535.60                               | -13.78        |
|            |         |           |             | 12/2/2005  | 1431              | 6527.60                               | 6536.10                               | -8.50         |
|            |         |           |             | 12/13/2005 | 1442              | 6524.05                               | 6536.15                               | -12.10        |
|            |         |           |             | 12/22/2006 | 1816              | 6527.24                               | 6537.52                               | -10.28        |
|            |         |           |             | 5/5/2007   | 1951              | 6533.04                               | 6540.46                               | -7.42         |
|            |         |           |             | 8/29/2007  | 2067              | 6533.40                               | 6540.86                               | -7.46         |
|            |         |           |             | 11/14/2007 | 2143              | 6534.05                               | 6541.08                               | -7.03         |
|            |         |           |             | 10/14/2008 | 2479              | 6534.28                               | 6541.67                               | -7.39         |
|            |         |           |             | 12/5/2008  | 2530              | 6534.70                               | 6541.73                               | -7.03         |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW50       | 491,159 | 1,546,687 | 4           | 9/16/2009  | 2815              | 6534.49                               | 6541.61                               | -7.12         |
|            |         |           |             | 12/10/2009 | 2900              | 6535.80                               | 6541.64                               | -5.84         |
|            |         |           |             | 12/9/2010  | 3265              | 6537.10                               | 6542.57                               | -5.47         |
|            |         |           |             | 12/17/2010 | 3272              | 6537.35                               | 6542.59                               | -5.24         |
|            |         |           |             | 3/2/2011   | 3348              | 6537.70                               | 6542.74                               | -5.04         |
|            |         |           |             | 12/7/2011  | 3628              | 6538.38                               | 6542.91                               | -4.53         |
|            |         |           |             | 10/25/2012 | 3951              | 6538.38                               | 6543.27                               | -4.89         |
|            |         |           |             | 11/15/2012 | 3971              | 6538.48                               | 6543.29                               | -4.81         |
|            |         |           |             | 11/27/2013 | 4349              | 6540.26                               | 6545.59                               | -5.33         |
|            |         |           |             | 12/12/2013 | 4363              | 6540.13                               | 6545.65                               | -5.52         |
|            |         |           |             | 10/1/2014  | 4657              | 6541.96                               | 6546.56                               | -4.60         |
|            |         |           |             | 3/11/2015  | 4817              | 6542.41                               | 6547.35                               | -4.94         |
|            |         |           |             | 8/19/2015  | 4979              | 6543.92                               | 6547.77                               | -3.85         |
|            |         |           |             | 12/2/2015  | 5083              | 6542.90                               | 6547.98                               | -5.08         |
|            |         |           |             | 3/17/2016  | 5189              | 6541.76                               | 6547.89                               | -6.13         |
|            |         |           |             | 12/14/2016 | 5461              | 6539.75                               | 6547.38                               | -7.63         |
|            |         |           |             | 3/21/2017  | 5558              | 6539.41                               | 6547.09                               | -7.68         |
|            |         |           |             | 8/12/2017  | 5702              | 6538.86                               | 6546.80                               | -7.94         |
|            |         |           |             | 12/6/2017  | 5818              | 6538.36                               | 6546.57                               | -8.21         |
|            |         |           |             | 3/7/2018   | 5910              | 6541.65                               | 6546.31                               | -4.66         |
| 12/27/2018 | 6204    | 6541.06   | 6545.35     | -4.29      |                   |                                       |                                       |               |
| 4/19/2019  | 6317    | 6539.71   | 6545.21     | -5.50      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6540.20   | 6544.93     | -4.73      |                   |                                       |                                       |               |
| CW52       | 491,887 | 1,548,171 | 4           | 6/25/2003  | 541               | 6500.96                               | 6534.37                               | -33.41        |
|            |         |           |             | 7/2/2003   | 547               | 6504.02                               | 6534.38                               | -30.36        |
|            |         |           |             | 8/15/2003  | 592               | 6510.36                               | 6534.45                               | -24.09        |
|            |         |           |             | 12/24/2003 | 722               | 6507.60                               | 6534.65                               | -27.05        |
|            |         |           |             | 3/17/2004  | 807               | 6507.71                               | 6533.96                               | -26.25        |
|            |         |           |             | 8/31/2004  | 974               | 6509.99                               | 6534.44                               | -24.45        |
|            |         |           |             | 12/15/2004 | 1079              | 6511.72                               | 6534.78                               | -23.06        |
|            |         |           |             | 12/2/2005  | 1431              | 6512.96                               | 6532.57                               | -19.61        |
|            |         |           |             | 12/12/2005 | 1442              | 6513.13                               | 6532.61                               | -19.48        |
|            |         |           |             | 11/16/2006 | 1781              | 6515.84                               | 6535.18                               | -19.34        |
|            |         |           |             | 12/22/2006 | 1816              | 6515.46                               | 6535.24                               | -19.78        |
|            |         |           |             | 5/5/2007   | 1951              | 6517.60                               | 6540.43                               | -22.83        |
|            |         |           |             | 8/29/2007  | 2067              | 6518.12                               | 6540.83                               | -22.71        |
|            |         |           |             | 11/14/2007 | 2143              | 6518.65                               | 6541.03                               | -22.38        |
|            |         |           |             | 10/14/2008 | 2478              | 6519.95                               | 6541.39                               | -21.44        |
|            |         |           |             | 12/5/2008  | 2530              | 6520.15                               | 6541.43                               | -21.28        |
| 9/16/2009  | 2815    | 6519.30   | 6541.89     | -22.59     |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/10/2009 | 2900              | 6520.08                               | 6541.95                               | -21.87        |
|            |         |           |             | 12/9/2010  | 3265              | 6518.29                               | 6542.90                               | -24.61        |
|            |         |           |             | 12/17/2010 | 3272              | 6518.30                               | 6542.91                               | -24.61        |
|            |         |           |             | 3/2/2011   | 3348              | 6519.49                               | 6543.14                               | -23.65        |
|            |         |           |             | 12/7/2011  | 3628              | 6519.90                               | 6543.20                               | -23.30        |
|            |         |           |             | 10/25/2012 | 3951              | 6520.13                               | 6543.57                               | -23.44        |
|            |         |           |             | 11/15/2012 | 3971              | 6520.49                               | 6543.59                               | -23.10        |
|            |         |           |             | 12/12/2013 | 4363              | 6523.86                               | 6545.32                               | -21.46        |
|            |         |           |             | 12/2/2015  | 5083              | 6523.35                               | 6547.66                               | -24.31        |
|            |         |           |             | 12/14/2016 | 5461              | 6522.68                               | 6547.16                               | -24.48        |
|            |         |           |             | 12/27/2018 | 6204              | 6553.87                               | 6545.70                               | 8.17          |
| 12/19/2019 | 6561    | 6553.89   | 6545.53     | 8.36       |                   |                                       |                                       |               |
| CW53       | 490,262 | 1,536,668 | 4           | 6/29/2004  | 911               | 6533.33                               | 6519.86                               | 13.47         |
|            |         |           |             | 6/15/2005  | 1262              | 6510.10                               | 6523.57                               | -13.47        |
|            |         |           |             | 12/3/2005  | 1432              | 6501.64                               | 6523.85                               | -22.21        |
|            |         |           |             | 12/13/2005 | 1442              | 6509.64                               | 6523.87                               | -14.23        |
|            |         |           |             | 3/2/2011   | 3347              | 6531.09                               | 6525.32                               | 5.77          |
|            |         |           |             | 12/7/2011  | 3627              | 6511.36                               | 6526.08                               | -14.72        |
|            |         |           |             | 11/15/2013 | 4337              | 6486.59                               | 6527.47                               | -40.88        |
|            |         |           |             | 12/12/2013 | 4363              | 6531.77                               | 6527.52                               | 4.25          |
|            |         |           |             | 4/16/2014  | 4489              | 6531.22                               | 6526.57                               | 4.65          |
|            |         |           |             | 9/11/2014  | 4637              | 6549.03                               | 6526.74                               | 22.29         |
|            |         |           |             | 12/2/2015  | 5083              | 6552.91                               | 6529.64                               | 23.27         |
|            |         |           |             | 12/14/2016 | 5461              | 6544.58                               | 6524.67                               | 19.91         |
|            |         |           |             | 5/4/2017   | 5603              | 6548.94                               | 6527.14                               | 21.80         |
|            |         |           |             | 12/6/2017  | 5818              | 6550.44                               | 6526.58                               | 23.86         |
|            |         |           |             | 12/27/2018 | 6204              | 6547.17                               | 6522.06                               | 25.11         |
|            |         |           |             | 2/26/2019  | 6265              | 6532.24                               | 6525.80                               | 6.44          |
|            |         |           |             | 3/26/2019  | 6293              | 6530.10                               | 6525.73                               | 4.37          |
|            |         |           |             | 4/30/2019  | 6328              | 6528.64                               | 6525.63                               | 3.01          |
| 6/4/2019   | 6364    | 6528.26   | 6525.53     | 2.73       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6517.47   | 6524.92     | -7.45      |                   |                                       |                                       |               |
|            |         |           |             | 6/23/2004  | 904               | 6520.85                               | 6520.80                               | 0.05          |
|            |         |           |             | 12/2/2005  | 1431              | 6530.93                               | 6522.24                               | 8.69          |
|            |         |           |             | 12/15/2005 | 1444              | 6531.13                               | 6522.25                               | 8.88          |
|            |         |           |             | 12/11/2006 | 1806              | 6523.14                               | 6522.19                               | 0.95          |
|            |         |           |             | 11/14/2007 | 2144              | 6530.95                               | 6522.54                               | 8.41          |
|            |         |           |             | 11/14/2007 | 2144              | 6530.93                               | 6522.54                               | 8.39          |
|            |         |           |             | 11/20/2007 | 2149              | 6530.89                               | 6522.54                               | 8.35          |
|            |         |           |             | 10/21/2008 | 2486              | 6528.16                               | 6523.63                               | 4.53          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW54       | 488,675 | 1,536,645 | 4           | 12/6/2008  | 2531              | 6530.05                               | 6523.62                               | 6.43          |
|            |         |           |             | 10/21/2009 | 2851              | 6524.45                               | 6523.81                               | 0.64          |
|            |         |           |             | 12/13/2009 | 2903              | 6524.51                               | 6523.86                               | 0.65          |
|            |         |           |             | 10/20/2010 | 3215              | 6529.01                               | 6524.41                               | 4.60          |
|            |         |           |             | 12/16/2010 | 3272              | 6529.90                               | 6524.53                               | 5.37          |
|            |         |           |             | 12/8/2011  | 3628              | 6530.30                               | 6525.20                               | 5.10          |
|            |         |           |             | 11/13/2012 | 3969              | 6531.60                               | 6526.05                               | 5.55          |
|            |         |           |             | 12/12/2013 | 4363              | 6532.15                               | 6527.36                               | 4.79          |
|            |         |           |             | 12/3/2015  | 5084              | 6532.35                               | 6528.92                               | 3.43          |
|            |         |           |             | 12/14/2016 | 5461              | 6524.09                               | 6529.09                               | -5.00         |
|            |         |           |             | 6/30/2017  | 5659              | 6522.75                               | 6528.91                               | -6.16         |
|            |         |           |             | 12/6/2017  | 5818              | 6521.86                               | 6528.65                               | -6.79         |
|            |         |           |             | 12/27/2018 | 6204              | 6527.03                               | 6527.63                               | -0.60         |
| 12/19/2019 | 6561    | 6518.83   | 6525.90     | -7.07      |                   |                                       |                                       |               |
| CW73       | 489,450 | 1,535,670 | 4           | 12/21/2013 | 4372              | 6512.00                               | 6522.92                               | -10.92        |
|            |         |           |             | 10/3/2014  | 4659              | 6509.55                               | 6522.83                               | -13.28        |
|            |         |           |             | 10/16/2014 | 4671              | 6509.33                               | 6522.84                               | -13.51        |
|            |         |           |             | 10/18/2014 | 4673              | 6509.32                               | 6522.84                               | -13.52        |
|            |         |           |             | 11/6/2014  | 4692              | 6508.97                               | 6522.84                               | -13.87        |
|            |         |           |             | 11/14/2014 | 4700              | 6508.89                               | 6522.84                               | -13.95        |
|            |         |           |             | 12/2/2014  | 4718              | 6507.97                               | 6522.84                               | -14.87        |
|            |         |           |             | 9/1/2015   | 4991              | 6514.97                               | 6523.85                               | -8.88         |
|            |         |           |             | 12/2/2015  | 5083              | 6515.43                               | 6524.34                               | -8.91         |
|            |         |           |             | 12/13/2016 | 5460              | 6512.48                               | 6523.78                               | -11.30        |
|            |         |           |             | 12/20/2016 | 5468              | 6511.94                               | 6523.78                               | -11.84        |
|            |         |           |             | 11/29/2017 | 5811              | 6512.40                               | 6522.78                               | -10.38        |
|            |         |           |             | 12/6/2017  | 5818              | 6512.20                               | 6522.76                               | -10.56        |
|            |         |           |             | 5/4/2018   | 5967              | 6511.64                               | 6522.11                               | -10.47        |
|            |         |           |             | 12/27/2018 | 6204              | 6512.02                               | 6521.75                               | -9.73         |
| 6/6/2019   | 6365    | 6511.68   | 6521.43     | -9.75      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6511.57   | 6520.74     | -9.17      |                   |                                       |                                       |               |
| CW78       | 490,080 | 1,536,319 | 4           | 12/3/2015  | 5084              | 6549.15                               | 6528.02                               | 21.13         |
|            |         |           |             | 12/14/2016 | 5461              | 6548.24                               | 6526.10                               | 22.14         |
|            |         |           |             | 5/4/2017   | 5603              | 6543.24                               | 6526.42                               | 16.82         |
|            |         |           |             | 12/6/2017  | 5818              | 6553.75                               | 6525.88                               | 27.87         |
|            |         |           |             | 5/4/2018   | 5967              | 6535.03                               | 6524.47                               | 10.56         |
|            |         |           |             | 12/27/2018 | 6204              | 6549.41                               | 6523.94                               | 25.47         |
|            |         |           |             | 6/4/2019   | 6364              | 6529.51                               | 6524.66                               | 4.85          |
|            |         |           |             | 12/19/2019 | 6561              | 6519.89                               | 6524.04                               | -4.15         |
|            |         |           |             | 4/23/2003  | 478               | 6527.27                               | 6468.92                               | 58.35         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 434        | 489,420 | 1,538,370 | 6           | 5/5/2004   | 856               | 6527.58                               | 6469.31                               | 58.27         |
|            |         |           |             | 4/13/2005  | 1199              | 6527.48                               | 6469.76                               | 57.72         |
|            |         |           |             | 11/9/2005  | 1409              | 6526.78                               | 6470.38                               | 56.40         |
|            |         |           |             | 1/10/2006  | 1471              | 6527.54                               | 6468.39                               | 59.15         |
|            |         |           |             | 4/11/2006  | 1562              | 6526.26                               | 6467.34                               | 58.92         |
|            |         |           |             | 10/27/2006 | 1760              | 6524.07                               | 6466.89                               | 57.18         |
|            |         |           |             | 10/5/2007  | 2103              | 6524.17                               | 6476.33                               | 47.84         |
| 481        | 490,209 | 1,536,820 | 6           | 5/11/2013  | 4149              | 6473.40                               | 6490.86                               | -17.46        |
|            |         |           |             | 6/12/2014  | 4545              | 6490.35                               | 6488.98                               | 1.37          |
|            |         |           |             | 6/28/2019  | 6387              | 6496.00                               | 6492.20                               | 3.80          |
| 482        | 489,579 | 1,536,981 | 6           | 7/26/2002  | 206               | 6522.86                               | 6471.18                               | 51.68         |
|            |         |           |             | 12/13/2003 | 711               | 6522.66                               | 6470.52                               | 52.14         |
|            |         |           |             | 5/15/2014  | 4517              | 6516.06                               | 6489.52                               | 26.54         |
| 493        | 489,492 | 1,536,702 | 6           | 3/28/2002  | 86                | 6460.99                               | 6471.63                               | -10.64        |
|            |         |           |             | 3/29/2002  | 88                | 6460.56                               | 6471.63                               | -11.07        |
|            |         |           |             | 6/12/2002  | 163               | 6449.02                               | 6471.61                               | -22.59        |
|            |         |           |             | 12/13/2002 | 346               | 6447.88                               | 6471.54                               | -23.66        |
|            |         |           |             | 3/21/2003  | 444               | 6452.58                               | 6470.53                               | -17.95        |
|            |         |           |             | 6/5/2003   | 520               | 6444.88                               | 6470.62                               | -25.74        |
|            |         |           |             | 12/24/2003 | 722               | 6447.78                               | 6470.92                               | -23.14        |
|            |         |           |             | 3/12/2004  | 801               | 6459.90                               | 6472.03                               | -12.13        |
|            |         |           |             | 12/15/2004 | 1079              | 6455.11                               | 6472.79                               | -17.68        |
|            |         |           |             | 12/21/2004 | 1085              | 6455.11                               | 6472.80                               | -17.69        |
|            |         |           |             | 2/9/2005   | 1136              | 6457.58                               | 6469.85                               | -12.27        |
|            |         |           |             | 3/23/2005  | 1178              | 6456.87                               | 6470.03                               | -13.16        |
|            |         |           |             | 5/26/2005  | 1242              | 6449.94                               | 6470.31                               | -20.37        |
|            |         |           |             | 12/3/2005  | 1432              | 6453.25                               | 6470.97                               | -17.72        |
|            |         |           |             | 2/14/2006  | 1506              | 6448.08                               | 6471.05                               | -22.97        |
|            |         |           |             | 6/20/2006  | 1632              | 6444.55                               | 6470.62                               | -26.07        |
|            |         |           |             | 12/19/2006 | 1814              | 6441.78                               | 6470.30                               | -28.52        |
|            |         |           |             | 2/6/2007   | 1863              | 6452.87                               | 6476.12                               | -23.25        |
|            |         |           |             | 5/11/2007  | 1956              | 6451.50                               | 6477.52                               | -26.02        |
|            |         |           |             | 11/14/2007 | 2144              | 6454.71                               | 6478.91                               | -24.20        |
|            |         |           |             | 12/13/2007 | 2172              | 6460.14                               | 6479.05                               | -18.91        |
|            |         |           |             | 2/8/2011   | 3326              | 6457.07                               | 6486.82                               | -29.75        |
|            |         |           |             | 6/9/2011   | 3446              | 6453.20                               | 6486.68                               | -33.48        |
|            |         |           |             | 12/7/2011  | 3627              | 6467.38                               | 6487.05                               | -19.67        |
| 2/9/2013   | 4057    | 6470.02   | 6491.14     | -21.12     |                   |                                       |                                       |               |
| 7/9/2013   | 4207    | 6491.96   | 6492.36     | -0.40      |                   |                                       |                                       |               |
| 12/12/2013 | 4363    | 6490.98   | 6493.00     | -2.02      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 2/13/2014  | 4426              | 6490.38                               | 6489.93                               | 0.45          |
|         |         |           |             | 6/17/2014  | 4550              | 6489.05                               | 6489.68                               | -0.63         |
|         |         |           |             | 10/16/2014 | 4671              | 6478.65                               | 6489.61                               | -10.96        |
|         |         |           |             | 10/18/2014 | 4673              | 6477.97                               | 6489.61                               | -11.64        |
|         |         |           |             | 11/6/2014  | 4692              | 6475.43                               | 6489.61                               | -14.18        |
|         |         |           |             | 11/14/2014 | 4700              | 6475.79                               | 6489.61                               | -13.82        |
|         |         |           |             | 12/2/2014  | 4718              | 6475.09                               | 6489.61                               | -14.52        |
|         |         |           |             | 3/5/2015   | 4811              | 6489.82                               | 6492.02                               | -2.20         |
|         |         |           |             | 12/2/2015  | 5083              | 6492.26                               | 6494.20                               | -1.94         |
|         |         |           |             | 2/16/2016  | 5160              | 6491.33                               | 6495.71                               | -4.38         |
|         |         |           |             | 7/12/2016  | 5306              | 6495.44                               | 6495.85                               | -0.41         |
|         |         |           |             | 12/14/2016 | 5461              | 6488.60                               | 6496.00                               | -7.40         |
|         |         |           |             | 3/2/2017   | 5539              | 6490.95                               | 6493.99                               | -3.04         |
|         |         |           |             | 12/6/2017  | 5818              | 6477.88                               | 6493.15                               | -15.27        |
|         |         |           |             | 6/5/2018   | 6000              | 6468.67                               | 6495.32                               | -26.65        |
|         |         |           |             | 12/4/2018  | 6181              | 6490.05                               | 6495.65                               | -5.60         |
|         |         |           |             | 1/29/2019  | 6237              | 6481.30                               | 6493.85                               | -12.55        |
|         |         |           |             | 2/26/2019  | 6265              | 6489.68                               | 6493.61                               | -3.93         |
|         |         |           |             | 3/26/2019  | 6293              | 6494.67                               | 6493.44                               | 1.23          |
|         |         |           |             | 4/30/2019  | 6328              | 6522.68                               | 6493.26                               | 29.42         |
|         |         |           |             | 6/4/2019   | 6363              | 6498.18                               | 6493.12                               | 5.06          |
|         |         |           |             | 12/19/2019 | 6561              | 6494.34                               | 6492.48                               | 1.86          |
| 546     | 487,560 | 1,536,330 | 6           | 3/19/2009  | 2634              | 6479.44                               | 6480.86                               | -1.42         |
|         |         |           |             | 4/8/2009   | 2655              | 6479.22                               | 6480.96                               | -1.74         |
|         |         |           |             | 5/5/2009   | 2682              | 6480.86                               | 6481.11                               | -0.25         |
|         |         |           |             | 7/20/2010  | 3123              | 6486.50                               | 6487.45                               | -0.95         |
|         |         |           |             | 3/29/2002  | 88                | 6475.14                               | 6474.77                               | 0.37          |
|         |         |           |             | 6/25/2002  | 176               | 6474.70                               | 6474.77                               | -0.07         |
|         |         |           |             | 12/13/2002 | 346               | 6474.42                               | 6474.76                               | -0.34         |
|         |         |           |             | 7/11/2003  | 557               | 6474.41                               | 6475.31                               | -0.90         |
|         |         |           |             | 12/24/2003 | 723               | 6474.26                               | 6476.10                               | -1.84         |
|         |         |           |             | 5/27/2004  | 878               | 6474.47                               | 6479.12                               | -4.65         |
|         |         |           |             | 12/15/2004 | 1080              | 6475.27                               | 6480.57                               | -5.30         |
|         |         |           |             | 12/2/2005  | 1431              | 6476.31                               | 6482.47                               | -6.16         |
|         |         |           |             | 12/11/2006 | 1806              | 6480.61                               | 6480.91                               | -0.30         |
|         |         |           |             | 11/14/2007 | 2144              | 6479.31                               | 6484.42                               | -5.11         |
|         |         |           |             | 12/5/2008  | 2531              | 6479.36                               | 6484.69                               | -5.33         |
|         |         |           |             | 12/11/2009 | 2901              | 6479.05                               | 6486.22                               | -7.17         |
|         |         |           |             | 9/22/2010  | 3186              | 6482.71                               | 6489.46                               | -6.75         |
|         |         |           |             | 12/16/2010 | 3271              | 6485.57                               | 6490.20                               | -4.63         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 859     | 487,426 | 1,534,549 | 6           | 12/6/2011  | 3627              | 6482.71                               | 6491.65                               | -8.94         |
|         |         |           |             | 11/13/2012 | 3970              | 6484.60                               | 6493.06                               | -8.46         |
|         |         |           |             | 11/20/2013 | 4341              | 6491.47                               | 6495.29                               | -3.82         |
|         |         |           |             | 12/12/2013 | 4363              | 6491.61                               | 6495.40                               | -3.79         |
|         |         |           |             | 6/19/2014  | 4553              | 6489.26                               | 6494.56                               | -5.30         |
|         |         |           |             | 10/8/2014  | 4663              | 6488.71                               | 6494.28                               | -5.57         |
|         |         |           |             | 10/10/2014 | 4665              | 6488.52                               | 6494.28                               | -5.76         |
|         |         |           |             | 10/14/2014 | 4669              | 6487.95                               | 6494.27                               | -6.32         |
|         |         |           |             | 10/16/2014 | 4671              | 6487.57                               | 6494.27                               | -6.70         |
|         |         |           |             | 10/18/2014 | 4673              | 6487.16                               | 6494.27                               | -7.11         |
|         |         |           |             | 11/6/2014  | 4692              | 6484.78                               | 6494.23                               | -9.45         |
|         |         |           |             | 11/14/2014 | 4700              | 6484.62                               | 6494.22                               | -9.60         |
|         |         |           |             | 12/2/2014  | 4718              | 6484.13                               | 6494.19                               | -10.06        |
|         |         |           |             | 12/2/2015  | 5083              | 6494.26                               | 6500.16                               | -5.90         |
|         |         |           |             | 12/13/2016 | 5460              | 6487.67                               | 6498.72                               | -11.05        |
|         |         |           |             | 12/6/2017  | 5818              | 6486.98                               | 6497.25                               | -10.27        |
|         |         |           |             | 6/13/2018  | 6007              | 6482.05                               | 6498.25                               | -16.20        |
|         |         |           |             | 12/27/2018 | 6204              | 6492.11                               | 6499.32                               | -7.21         |
|         |         |           |             | 10/3/2019  | 6484              | 6492.97                               | 6496.90                               | -3.93         |
|         |         |           |             | 12/18/2019 | 6560              | 6492.67                               | 6496.41                               | -3.74         |
| 930     | 494,997 | 1,542,848 | 6           | 12/12/2002 | 345               | 6464.94                               | 6464.50                               | 0.44          |
|         |         |           |             | 7/9/2003   | 554               | 6462.36                               | 6463.94                               | -1.58         |
|         |         |           |             | 12/15/2004 | 1079              | 6466.99                               | 6462.08                               | 4.91          |
|         |         |           |             | 5/26/2005  | 1242              | 6462.44                               | 6463.89                               | -1.45         |
|         |         |           |             | 12/2/2005  | 1431              | 6460.29                               | 6464.05                               | -3.76         |
|         |         |           |             | 11/18/2006 | 1783              | 6466.30                               | 6464.21                               | 2.09          |
|         |         |           |             | 10/25/2007 | 2124              | 6472.68                               | 6466.53                               | 6.15          |
|         |         |           |             | 11/14/2007 | 2144              | 6472.69                               | 6466.55                               | 6.14          |
|         |         |           |             | 6/5/2008   | 2348              | 6471.35                               | 6465.79                               | 5.56          |
|         |         |           |             | 12/5/2008  | 2530              | 6469.89                               | 6465.36                               | 4.53          |
|         |         |           |             | 6/24/2009  | 2732              | 6466.45                               | 6464.90                               | 1.55          |
|         |         |           |             | 9/25/2010  | 3189              | 6476.01                               | 6464.94                               | 11.07         |
|         |         |           |             | 12/16/2010 | 3271              | 6462.54                               | 6464.98                               | -2.44         |
|         |         |           |             | 10/19/2011 | 3579              | 6475.88                               | 6464.55                               | 11.33         |
|         |         |           |             | 12/7/2011  | 3628              | 6477.54                               | 6464.53                               | 13.01         |
|         |         |           |             | 11/14/2012 | 3970              | 6478.50                               | 6464.61                               | 13.89         |
|         |         |           |             | 12/12/2013 | 4364              | 6488.41                               | 6466.41                               | 22.00         |
|         |         |           |             | 10/4/2014  | 4659              | 6488.54                               | 6466.68                               | 21.86         |
|         |         |           |             | 7/1/2015   | 4930              | 6485.43                               | 6467.09                               | 18.34         |
|         |         |           |             | 12/13/2016 | 5460              | 6491.96                               | 6467.19                               | 24.77         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 7/6/2017   | 5666              | 6484.74                               | 6467.24                               | 17.50         |
|            |         |           |             | 12/6/2017  | 5818              | 6490.76                               | 6467.15                               | 23.61         |
|            |         |           |             | 6/13/2018  | 6008              | 6488.35                               | 6466.98                               | 21.37         |
|            |         |           |             | 12/27/2018 | 6204              | 6491.54                               | 6466.99                               | 24.55         |
|            |         |           |             | 10/2/2019  | 6483              | 6494.16                               | 6466.95                               | 27.21         |
|            |         |           |             | 12/19/2019 | 6561              | 6493.96                               | 6466.92                               | 27.04         |
| ACW        | 488,070 | 1,540,235 | 6           | 6/30/2004  | 912               | 6443.10                               | 6464.22                               | -21.12        |
|            |         |           |             | 12/2/2005  | 1431              | 6446.79                               | 6465.65                               | -18.86        |
|            |         |           |             | 11/29/2006 | 1794              | 6432.70                               | 6460.82                               | -28.12        |
|            |         |           |             | 11/14/2007 | 2144              | 6447.78                               | 6471.06                               | -23.28        |
|            |         |           |             | 11/15/2007 | 2145              | 6448.30                               | 6471.07                               | -22.77        |
|            |         |           |             | 9/25/2008  | 2460              | 6447.10                               | 6467.35                               | -20.25        |
|            |         |           |             | 12/5/2008  | 2530              | 6429.60                               | 6467.23                               | -37.63        |
|            |         |           |             | 10/14/2009 | 2843              | 6442.87                               | 6471.04                               | -28.17        |
|            |         |           |             | 12/15/2009 | 2905              | 6444.06                               | 6471.11                               | -27.05        |
|            |         |           |             | 9/28/2010  | 3193              | 6476.19                               | 6480.04                               | -3.85         |
|            |         |           |             | 12/16/2010 | 3272              | 6458.26                               | 6480.42                               | -22.16        |
|            |         |           |             | 3/1/2011   | 3347              | 6449.30                               | 6475.68                               | -26.38        |
|            |         |           |             | 11/13/2012 | 3969              | 6467.19                               | 6478.41                               | -11.22        |
|            |         |           |             | 12/10/2013 | 4362              | 6489.40                               | 6486.09                               | 3.31          |
|            |         |           |             | 12/12/2013 | 4363              | 6489.24                               | 6486.10                               | 3.14          |
|            |         |           |             | 10/11/2014 | 4666              | 6482.62                               | 6486.71                               | -4.09         |
|            |         |           |             | 12/2/2015  | 5083              | 6489.87                               | 6489.28                               | 0.59          |
|            |         |           |             | 12/14/2016 | 5461              | 6485.45                               | 6490.53                               | -5.08         |
|            |         |           |             | 12/20/2016 | 5467              | 6484.02                               | 6490.54                               | -6.52         |
|            |         |           |             | 12/1/2017  | 5813              | 6484.97                               | 6488.57                               | -3.60         |
|            |         |           |             | 12/6/2017  | 5818              | 6478.60                               | 6488.56                               | -9.96         |
|            |         |           |             | 6/7/2018   | 6001              | 6472.29                               | 6489.95                               | -17.66        |
|            |         |           |             | 12/27/2018 | 6204              | 6490.07                               | 6490.15                               | -0.08         |
| 6/6/2019   | 6365    | 6497.80   | 6488.13     | 9.67       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6494.70   | 6487.69     | 7.01       |                   |                                       |                                       |               |
|            |         |           |             | 1/29/2013  | 4046              | 6464.24                               | 6471.88                               | -7.64         |
|            |         |           |             | 2/26/2013  | 4074              | 6462.85                               | 6472.58                               | -9.73         |
|            |         |           |             | 2/28/2013  | 4077              | 6462.59                               | 6472.62                               | -10.03        |
|            |         |           |             | 3/26/2013  | 4102              | 6463.99                               | 6473.04                               | -9.05         |
|            |         |           |             | 4/30/2013  | 4138              | 6468.94                               | 6473.63                               | -4.69         |
|            |         |           |             | 5/29/2013  | 4167              | 6484.89                               | 6474.11                               | 10.78         |
|            |         |           |             | 6/25/2013  | 4193              | 6490.70                               | 6474.38                               | 16.32         |
|            |         |           |             | 1/28/2014  | 4410              | 6488.24                               | 6481.96                               | 6.28          |
|            |         |           |             | 3/1/2014   | 4442              | 6489.87                               | 6482.34                               | 7.53          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW1        | 490,295 | 1,545,235 | 6           | 3/25/2014  | 4466              | 6488.18                               | 6482.46                               | 5.72          |
|            |         |           |             | 4/29/2014  | 4501              | 6488.47                               | 6482.64                               | 5.83          |
|            |         |           |             | 5/28/2014  | 4530              | 6486.24                               | 6482.78                               | 3.46          |
|            |         |           |             | 6/24/2014  | 4557              | 6486.56                               | 6482.86                               | 3.70          |
|            |         |           |             | 7/29/2014  | 4592              | 6486.25                               | 6482.89                               | 3.36          |
|            |         |           |             | 8/26/2014  | 4620              | 6486.75                               | 6482.91                               | 3.84          |
|            |         |           |             | 9/23/2014  | 4648              | 6485.48                               | 6482.93                               | 2.55          |
|            |         |           |             | 10/28/2014 | 4683              | 6475.92                               | 6482.95                               | -7.03         |
|            |         |           |             | 12/30/2014 | 4746              | 6475.22                               | 6482.99                               | -7.77         |
|            |         |           |             | 7/2/2015   | 4930              | 6479.62                               | 6484.16                               | -4.54         |
|            |         |           |             | 1/26/2016  | 5138              | 6488.52                               | 6485.20                               | 3.32          |
|            |         |           |             | 12/6/2017  | 5818              | 6477.96                               | 6483.99                               | -6.03         |
|            |         |           |             | 4/19/2019  | 6317              | 6496.98                               | 6483.65                               | 13.33         |
|            |         |           |             | 10/18/2019 | 6499              | 6556.22                               | 6483.36                               | 72.86         |
| 12/19/2019 | 6561    | 6495.19   | 6483.28     | 11.91      |                   |                                       |                                       |               |
| CW15       | 485,961 | 1,536,259 | 6           | 7/15/2003  | 560               | 6469.96                               | 6478.84                               | -8.88         |
|            |         |           |             | 5/27/2004  | 878               | 6464.32                               | 6479.22                               | -14.90        |
|            |         |           |             | 12/15/2004 | 1080              | 6458.66                               | 6479.65                               | -20.99        |
|            |         |           |             | 12/2/2005  | 1431              | 6454.49                               | 6480.19                               | -25.70        |
|            |         |           |             | 12/15/2005 | 1444              | 6454.88                               | 6480.22                               | -25.34        |
|            |         |           |             | 11/29/2006 | 1794              | 6449.50                               | 6479.70                               | -30.20        |
|            |         |           |             | 9/27/2007  | 2095              | 6450.43                               | 6482.75                               | -32.32        |
|            |         |           |             | 11/14/2007 | 2144              | 6450.49                               | 6483.13                               | -32.64        |
|            |         |           |             | 10/15/2008 | 2480              | 6448.68                               | 6483.42                               | -34.74        |
|            |         |           |             | 12/5/2008  | 2531              | 6446.60                               | 6483.44                               | -36.84        |
|            |         |           |             | 8/20/2009  | 2789              | 6451.48                               | 6484.44                               | -32.96        |
|            |         |           |             | 12/13/2009 | 2903              | 6446.25                               | 6484.80                               | -38.55        |
|            |         |           |             | 9/22/2010  | 3186              | 6453.44                               | 6488.26                               | -34.82        |
|            |         |           |             | 12/16/2010 | 3272              | 6454.62                               | 6488.96                               | -34.34        |
|            |         |           |             | 11/8/2011  | 3598              | 6452.94                               | 6489.78                               | -36.84        |
|            |         |           |             | 12/7/2011  | 3628              | 6453.37                               | 6489.87                               | -36.50        |
|            |         |           |             | 10/23/2012 | 3949              | 6454.93                               | 6491.24                               | -36.31        |
|            |         |           |             | 11/13/2012 | 3969              | 6455.60                               | 6491.31                               | -35.71        |
|            |         |           |             | 12/12/2013 | 4363              | 6463.16                               | 6494.41                               | -31.25        |
|            |         |           |             | 10/2/2014  | 4658              | 6458.98                               | 6494.12                               | -35.14        |
| 7/1/2015   | 4929    | 6454.26   | 6495.58     | -41.32     |                   |                                       |                                       |               |
| 12/3/2015  | 5084    | 6456.07   | 6496.67     | -40.60     |                   |                                       |                                       |               |
| 12/14/2016 | 5461    | 6459.79   | 6498.55     | -38.76     |                   |                                       |                                       |               |
| 7/1/2017   | 5660    | 6453.92   | 6498.19     | -44.27     |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6455.57   | 6498.17     | -42.60     |                   |                                       |                                       |               |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 6/15/2018  | 6009              | 6454.97                               | 6498.99                               | -44.02        |
|            |         |           |             | 12/27/2018 | 6204              | 6479.62                               | 6499.45                               | -19.83        |
|            |         |           |             | 10/19/2019 | 6500              | 6494.72                               | 6498.56                               | -3.84         |
|            |         |           |             | 12/18/2019 | 6560              | 6495.20                               | 6498.47                               | -3.27         |
| CW17       | 487,771 | 1,545,279 | 6           | 6/28/2002  | 179               | 6526.02                               | 6533.63                               | -7.61         |
|            |         |           |             | 7/11/2003  | 556               | 6526.73                               | 6533.44                               | -6.71         |
|            |         |           |             | 12/24/2003 | 722               | 6525.57                               | 6533.36                               | -7.79         |
|            |         |           |             | 6/2/2004   | 883               | 6527.32                               | 6532.90                               | -5.58         |
|            |         |           |             | 12/15/2004 | 1079              | 6528.26                               | 6532.51                               | -4.25         |
|            |         |           |             | 12/2/2005  | 1432              | 6530.41                               | 6531.18                               | -0.77         |
|            |         |           |             | 12/12/2005 | 1441              | 6530.48                               | 6531.15                               | -0.67         |
|            |         |           |             | 11/16/2006 | 1781              | 6534.02                               | 6531.03                               | 2.99          |
|            |         |           |             | 11/14/2007 | 2143              | 6534.83                               | 6530.10                               | 4.73          |
|            |         |           |             | 10/11/2008 | 2476              | 6535.29                               | 6529.56                               | 5.73          |
|            |         |           |             | 12/5/2008  | 2530              | 6535.40                               | 6529.50                               | 5.90          |
|            |         |           |             | 9/16/2009  | 2815              | 6535.46                               | 6529.32                               | 6.14          |
|            |         |           |             | 12/15/2009 | 2906              | 6535.81                               | 6529.28                               | 6.53          |
|            |         |           |             | 12/9/2010  | 3264              | 6535.80                               | 6529.39                               | 6.41          |
|            |         |           |             | 12/17/2010 | 3272              | 6535.92                               | 6529.40                               | 6.52          |
|            |         |           |             | 11/8/2011  | 3599              | 6536.98                               | 6530.12                               | 6.86          |
|            |         |           |             | 12/7/2011  | 3628              | 6537.02                               | 6530.20                               | 6.82          |
|            |         |           |             | 9/15/2012  | 3911              | 6537.72                               | 6531.10                               | 6.62          |
|            |         |           |             | 11/15/2012 | 3971              | 6537.94                               | 6531.28                               | 6.66          |
|            |         |           |             | 6/25/2013  | 4193              | 6538.35                               | 6531.94                               | 6.41          |
|            |         |           |             | 11/27/2013 | 4349              | 6538.68                               | 6532.51                               | 6.17          |
|            |         |           |             | 12/12/2013 | 4363              | 6538.63                               | 6532.57                               | 6.06          |
|            |         |           |             | 10/1/2014  | 4657              | 6539.17                               | 6533.16                               | 6.01          |
|            |         |           |             | 7/2/2015   | 4931              | 6538.91                               | 6533.37                               | 5.54          |
|            |         |           |             | 12/2/2015  | 5083              | 6539.38                               | 6533.39                               | 5.99          |
|            |         |           |             | 12/14/2016 | 5461              | 6536.22                               | 6527.44                               | 8.78          |
|            |         |           |             | 12/17/2016 | 5465              | 6536.62                               | 6527.42                               | 9.20          |
|            |         |           |             | 6/15/2018  | 6009              | 6531.12                               | 6523.95                               | 7.17          |
|            |         |           |             | 7/13/2018  | 6037              | 6531.13                               | 6523.80                               | 7.33          |
|            |         |           |             | 12/27/2018 | 6204              | 6527.48                               | 6522.97                               | 4.51          |
|            |         |           |             | 7/31/2019  | 6420              | 6525.21                               | 6521.20                               | 4.01          |
|            |         |           |             | 10/3/2019  | 6485              | 6524.95                               | 6520.69                               | 4.26          |
| 12/19/2019 | 6561    | 6523.96   | 6520.10     | 3.86       |                   |                                       |                                       |               |
|            |         |           |             | 5/29/2013  | 4167              | 6483.98                               | 6467.98                               | 16.00         |
|            |         |           |             | 6/25/2013  | 4193              | 6489.60                               | 6468.25                               | 21.35         |
|            |         |           |             | 11/5/2013  | 4327              | 6477.18                               | 6468.73                               | 8.45          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW2        | 491,302 | 1,545,212 | 6           | 1/28/2014  | 4410              | 6487.12                               | 6481.81                               | 5.31          |
|            |         |           |             | 3/1/2014   | 4442              | 6487.96                               | 6482.21                               | 5.75          |
|            |         |           |             | 3/25/2014  | 4466              | 6487.03                               | 6482.34                               | 4.69          |
|            |         |           |             | 4/29/2014  | 4501              | 6486.38                               | 6482.53                               | 3.85          |
|            |         |           |             | 5/28/2014  | 4530              | 6485.15                               | 6482.68                               | 2.47          |
|            |         |           |             | 6/24/2014  | 4557              | 6485.49                               | 6482.76                               | 2.73          |
|            |         |           |             | 7/29/2014  | 4592              | 6484.04                               | 6482.80                               | 1.24          |
|            |         |           |             | 8/26/2014  | 4620              | 6482.30                               | 6482.81                               | -0.51         |
|            |         |           |             | 9/5/2014   | 4631              | 6485.40                               | 6482.82                               | 2.58          |
|            |         |           |             | 9/23/2014  | 4648              | 6485.04                               | 6482.83                               | 2.21          |
|            |         |           |             | 10/28/2014 | 4683              | 6474.98                               | 6482.85                               | -7.87         |
|            |         |           |             | 12/30/2014 | 4746              | 6474.25                               | 6482.89                               | -8.64         |
|            |         |           |             | 7/2/2015   | 4930              | 6478.01                               | 6484.02                               | -6.01         |
|            |         |           |             | 8/7/2015   | 4967              | 6487.80                               | 6484.15                               | 3.65          |
|            |         |           |             | 1/26/2016  | 5138              | 6487.37                               | 6485.01                               | 2.36          |
|            |         |           |             | 2/11/2016  | 5155              | 6488.77                               | 6485.05                               | 3.72          |
|            |         |           |             | 9/27/2016  | 5383              | 6498.93                               | 6485.09                               | 13.84         |
|            |         |           |             | 3/22/2017  | 5560              | 6488.68                               | 6484.32                               | 4.36          |
|            |         |           |             | 8/11/2017  | 5701              | 6477.08                               | 6484.02                               | -6.94         |
|            |         |           |             | 12/6/2017  | 5818              | 6476.95                               | 6483.83                               | -6.88         |
| 8/3/2018   | 6059    | 6462.29   | 6484.45     | -22.16     |                   |                                       |                                       |               |
| 8/21/2019  | 6441    | 6495.20   | 6483.29     | 11.91      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6495.23   | 6483.13     | 12.10      |                   |                                       |                                       |               |
| CW24       | 487,760 | 1,545,773 | 6           | 7/11/2003  | 557               | 6528.41                               | 6531.39                               | -2.98         |
|            |         |           |             | 12/24/2003 | 722               | 6528.37                               | 6531.30                               | -2.93         |
|            |         |           |             | 7/28/2004  | 940               | 6528.84                               | 6530.82                               | -1.98         |
|            |         |           |             | 12/15/2004 | 1079              | 6528.88                               | 6530.57                               | -1.69         |
|            |         |           |             | 12/2/2005  | 1432              | 6530.13                               | 6529.39                               | 0.74          |
|            |         |           |             | 12/12/2005 | 1442              | 6530.07                               | 6529.36                               | 0.71          |
|            |         |           |             | 11/16/2006 | 1781              | 6531.87                               | 6529.14                               | 2.73          |
|            |         |           |             | 11/14/2007 | 2143              | 6533.50                               | 6528.35                               | 5.15          |
|            |         |           |             | 10/11/2008 | 2476              | 6534.74                               | 6527.78                               | 6.96          |
|            |         |           |             | 12/5/2008  | 2530              | 6534.70                               | 6527.71                               | 6.99          |
|            |         |           |             | 9/16/2009  | 2816              | 6535.42                               | 6527.50                               | 7.92          |
|            |         |           |             | 12/15/2009 | 2906              | 6535.39                               | 6527.45                               | 7.94          |
|            |         |           |             | 12/17/2010 | 3272              | 6536.81                               | 6527.54                               | 9.27          |
|            |         |           |             | 12/7/2011  | 3628              | 6537.76                               | 6528.21                               | 9.55          |
|            |         |           |             | 11/15/2012 | 3971              | 6536.92                               | 6529.20                               | 7.72          |
|            |         |           |             | 12/12/2013 | 4363              | 6539.71                               | 6530.44                               | 9.27          |
| 8/7/2015   | 4966    | 6542.24   | 6531.41     | 10.83      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 12/2/2015  | 5083              | 6541.62                               | 6531.47                               | 10.15         |
|         |         |           |             | 12/14/2016 | 5461              | 6539.90                               | 6526.88                               | 13.02         |
|         |         |           |             | 12/6/2017  | 5818              | 6538.19                               | 6524.53                               | 13.66         |
|         |         |           |             | 6/15/2018  | 6009              | 6538.36                               | 6523.46                               | 14.90         |
|         |         |           |             | 12/27/2018 | 6204              | 6539.78                               | 6522.45                               | 17.33         |
|         |         |           |             | 12/19/2019 | 6561              | 6538.40                               | 6519.77                               | 18.63         |
|         |         |           |             | 12/21/2019 | 6564              | 6538.35                               | 6519.75                               | 18.60         |
| CW27    | 489,600 | 1,534,109 | 6           | 3/29/2002  | 88                | 6491.57                               | 6483.41                               | 8.16          |
|         |         |           |             | 6/27/2002  | 178               | 6488.33                               | 6483.40                               | 4.93          |
|         |         |           |             | 12/13/2002 | 346               | 6486.96                               | 6483.38                               | 3.58          |
|         |         |           |             | 1/3/2003   | 368               | 6487.25                               | 6483.24                               | 4.01          |
|         |         |           |             | 7/17/2003  | 563               | 6485.14                               | 6482.65                               | 2.49          |
|         |         |           |             | 12/24/2003 | 723               | 6487.03                               | 6482.93                               | 4.10          |
|         |         |           |             | 5/28/2004  | 878               | 6486.72                               | 6484.03                               | 2.69          |
|         |         |           |             | 12/15/2004 | 1079              | 6495.10                               | 6484.99                               | 10.11         |
|         |         |           |             | 12/2/2005  | 1431              | 6490.61                               | 6487.17                               | 3.44          |
|         |         |           |             | 12/13/2005 | 1443              | 6490.03                               | 6487.23                               | 2.80          |
|         |         |           |             | 11/23/2006 | 1788              | 6486.05                               | 6489.28                               | -3.23         |
|         |         |           |             | 11/14/2007 | 2143              | 6492.62                               | 6493.76                               | -1.14         |
|         |         |           |             | 11/20/2007 | 2149              | 6492.68                               | 6493.81                               | -1.13         |
|         |         |           |             | 10/15/2008 | 2479              | 6486.37                               | 6494.07                               | -7.70         |
|         |         |           |             | 12/5/2008  | 2531              | 6490.48                               | 6494.07                               | -3.59         |
|         |         |           |             | 12/15/2009 | 2906              | 6490.47                               | 6493.44                               | -2.97         |
|         |         |           |             | 12/16/2010 | 3271              | 6494.11                               | 6497.52                               | -3.41         |
|         |         |           |             | 12/8/2011  | 3628              | 6496.68                               | 6500.09                               | -3.41         |
|         |         |           |             | 11/14/2012 | 3970              | 6497.07                               | 6501.57                               | -4.50         |
|         |         |           |             | 12/12/2013 | 4364              | 6500.85                               | 6503.17                               | -2.32         |
|         |         |           |             | 1/30/2007  | 1856              | 6471.88                               | 6473.85                               | -1.97         |
|         |         |           |             | 2/27/2007  | 1884              | 6472.45                               | 6474.19                               | -1.74         |
|         |         |           |             | 4/3/2007   | 1919              | 6474.63                               | 6474.58                               | 0.05          |
|         |         |           |             | 5/1/2007   | 1947              | 6476.08                               | 6474.90                               | 1.18          |
|         |         |           |             | 5/30/2007  | 1976              | 6474.63                               | 6475.22                               | -0.59         |
|         |         |           |             | 7/3/2007   | 2010              | 6475.58                               | 6475.43                               | 0.15          |
|         |         |           |             | 7/31/2007  | 2038              | 6474.05                               | 6475.57                               | -1.52         |
|         |         |           |             | 10/2/2007  | 2101              | 6476.03                               | 6475.89                               | 0.14          |
|         |         |           |             | 10/30/2007 | 2129              | 6475.01                               | 6476.03                               | -1.02         |
|         |         |           |             | 11/1/2007  | 2130              | 6475.25                               | 6476.04                               | -0.79         |
|         |         |           |             | 11/14/2007 | 2143              | 6475.82                               | 6476.10                               | -0.28         |
|         |         |           |             | 12/4/2007  | 2164              | 6475.05                               | 6476.18                               | -1.13         |
|         |         |           |             | 1/3/2008   | 2194              | 6478.43                               | 6476.09                               | 2.34          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW28       | 491,008 | 1,535,112 | 6           | 2/5/2008   | 2227              | 6476.92                               | 6475.63                               | 1.29          |
|            |         |           |             | 3/4/2008   | 2255              | 6476.98                               | 6475.58                               | 1.40          |
|            |         |           |             | 4/1/2008   | 2283              | 6478.10                               | 6475.53                               | 2.57          |
|            |         |           |             | 4/16/2008  | 2298              | 6476.25                               | 6475.51                               | 0.74          |
|            |         |           |             | 5/6/2008   | 2318              | 6474.58                               | 6475.47                               | -0.89         |
|            |         |           |             | 6/3/2008   | 2345              | 6471.68                               | 6475.42                               | -3.74         |
|            |         |           |             | 6/18/2008  | 2361              | 6472.55                               | 6475.41                               | -2.86         |
|            |         |           |             | 7/1/2008   | 2374              | 6472.26                               | 6475.40                               | -3.14         |
|            |         |           |             | 8/5/2008   | 2409              | 6478.38                               | 6475.37                               | 3.01          |
|            |         |           |             | 9/3/2008   | 2437              | 6473.72                               | 6475.34                               | -1.62         |
|            |         |           |             | 9/30/2008  | 2464              | 6474.83                               | 6475.32                               | -0.49         |
|            |         |           |             | 10/28/2008 | 2493              | 6472.03                               | 6475.29                               | -3.26         |
|            |         |           |             | 12/2/2008  | 2527              | 6470.28                               | 6475.26                               | -4.98         |
|            |         |           |             | 12/5/2008  | 2531              | 6470.66                               | 6475.26                               | -4.60         |
|            |         |           |             | 12/30/2008 | 2555              | 6471.13                               | 6475.24                               | -4.11         |
|            |         |           |             | 2/15/2011  | 3333              | 6477.67                               | 6479.00                               | -1.33         |
|            |         |           |             | 3/1/2011   | 3347              | 6477.88                               | 6479.04                               | -1.16         |
|            |         |           |             | 4/5/2011   | 3381              | 6478.01                               | 6479.14                               | -1.13         |
|            |         |           |             | 4/26/2011  | 3403              | 6478.33                               | 6479.20                               | -0.87         |
|            |         |           |             | 5/24/2011  | 3431              | 6476.05                               | 6479.29                               | -3.24         |
|            |         |           |             | 6/15/2011  | 3453              | 6476.53                               | 6479.34                               | -2.81         |
|            |         |           |             | 6/28/2011  | 3466              | 6475.30                               | 6479.37                               | -4.07         |
|            |         |           |             | 7/26/2011  | 3493              | 6481.83                               | 6479.44                               | 2.39          |
|            |         |           |             | 8/30/2011  | 3529              | 6479.83                               | 6479.52                               | 0.31          |
|            |         |           |             | 9/27/2011  | 3557              | 6483.73                               | 6479.59                               | 4.14          |
|            |         |           |             | 10/25/2011 | 3585              | 6482.35                               | 6479.65                               | 2.70          |
|            |         |           |             | 11/22/2011 | 3613              | 6485.29                               | 6479.72                               | 5.57          |
|            |         |           |             | 1/24/2012  | 3676              | 6486.28                               | 6479.99                               | 6.29          |
|            |         |           |             | 2/28/2012  | 3711              | 6486.13                               | 6480.14                               | 5.99          |
|            |         |           |             | 4/24/2012  | 3766              | 6485.43                               | 6480.31                               | 5.12          |
|            |         |           |             | 5/24/2012  | 3797              | 6485.66                               | 6480.41                               | 5.25          |
|            |         |           |             | 5/30/2012  | 3803              | 6485.43                               | 6480.43                               | 5.00          |
| 6/26/2012  | 3830    | 6485.47   | 6480.49     | 4.98       |                   |                                       |                                       |               |
| 7/24/2012  | 3858    | 6483.53   | 6480.55     | 2.98       |                   |                                       |                                       |               |
| 8/28/2012  | 3893    | 6482.35   | 6480.62     | 1.73       |                   |                                       |                                       |               |
| 9/25/2012  | 3921    | 6484.98   | 6480.68     | 4.30       |                   |                                       |                                       |               |
| 10/23/2012 | 3948    | 6485.98   | 6480.73     | 5.25       |                   |                                       |                                       |               |
| 11/27/2012 | 3983    | 6486.43   | 6480.80     | 5.63       |                   |                                       |                                       |               |
| 12/27/2012 | 4013    | 6487.03   | 6480.86     | 6.17       |                   |                                       |                                       |               |
| 1/29/2013  | 4046    | 6486.38   | 6481.48     | 4.90       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 2/26/2013  | 4075              | 6487.61                               | 6481.64                               | 5.97          |
|         |         |          |             | 2/26/2013  | 4075              | 6488.05                               | 6481.64                               | 6.41          |
|         |         |          |             | 3/26/2013  | 4103              | 6488.74                               | 6481.77                               | 6.97          |
|         |         |          |             | 4/30/2013  | 4137              | 6490.31                               | 6481.94                               | 8.37          |
|         |         |          |             | 5/29/2013  | 4167              | 6492.69                               | 6482.08                               | 10.61         |
|         |         |          |             | 6/25/2013  | 4194              | 6492.86                               | 6482.18                               | 10.68         |
|         |         |          |             | 12/12/2013 | 4364              | 6494.85                               | 6482.70                               | 12.15         |
|         |         |          |             | 1/28/2014  | 4410              | 6494.78                               | 6481.65                               | 13.13         |
|         |         |          |             | 3/1/2014   | 4442              | 6494.73                               | 6481.59                               | 13.14         |
|         |         |          |             | 3/25/2014  | 4466              | 6494.66                               | 6481.56                               | 13.10         |
|         |         |          |             | 5/28/2014  | 4530              | 6494.69                               | 6481.47                               | 13.22         |
|         |         |          |             | 6/24/2014  | 4557              | 6494.93                               | 6481.44                               | 13.49         |
|         |         |          |             | 8/26/2014  | 4620              | 6493.21                               | 6481.42                               | 11.79         |
|         |         |          |             | 10/4/2014  | 4659              | 6495.28                               | 6481.43                               | 13.85         |
|         |         |          |             | 10/28/2014 | 4683              | 6493.91                               | 6481.43                               | 12.48         |
|         |         |          |             | 11/25/2014 | 4711              | 6493.33                               | 6481.43                               | 11.90         |
|         |         |          |             | 7/2/2015   | 4931              | 6492.95                               | 6482.86                               | 10.09         |
|         |         |          |             | 12/1/2015  | 5082              | 6500.58                               | 6483.53                               | 17.05         |
|         |         |          |             | 1/26/2016  | 5139              | 6499.07                               | 6484.00                               | 15.07         |
|         |         |          |             | 12/13/2016 | 5460              | 6497.82                               | 6484.45                               | 13.37         |
|         |         |          |             | 1/31/2017  | 5509              | 6496.99                               | 6483.87                               | 13.12         |
|         |         |          |             | 2/28/2017  | 5537              | 6498.63                               | 6483.79                               | 14.84         |
|         |         |          |             | 3/28/2017  | 5565              | 6497.78                               | 6483.73                               | 14.05         |
|         |         |          |             | 4/25/2017  | 5593              | 6497.63                               | 6483.67                               | 13.96         |
|         |         |          |             | 6/27/2017  | 5656              | 6491.83                               | 6483.56                               | 8.27          |
|         |         |          |             | 8/29/2017  | 5719              | 6496.33                               | 6483.46                               | 12.87         |
|         |         |          |             | 9/26/2017  | 5747              | 6494.83                               | 6483.41                               | 11.42         |
|         |         |          |             | 10/31/2017 | 5782              | 6498.73                               | 6483.36                               | 15.37         |
|         |         |          |             | 11/28/2017 | 5810              | 6496.70                               | 6483.32                               | 13.38         |
|         |         |          |             | 12/1/2017  | 5813              | 6497.03                               | 6483.31                               | 13.72         |
|         |         |          |             | 12/6/2017  | 5818              | 6495.60                               | 6483.31                               | 12.29         |
|         |         |          |             | 12/13/2017 | 5826              | 6493.55                               | 6483.30                               | 10.25         |
|         |         |          |             | 12/27/2017 | 5839              | 6493.09                               | 6483.28                               | 9.81          |
|         |         |          |             | 2/9/2018   | 5883              | 6498.81                               | 6483.79                               | 15.02         |
|         |         |          |             | 7/12/2018  | 6036              | 6497.87                               | 6483.96                               | 13.91         |
|         |         |          |             | 12/27/2018 | 6204              | 6498.18                               | 6484.06                               | 14.12         |
|         |         |          |             | 1/29/2019  | 6237              | 6496.56                               | 6483.56                               | 13.00         |
|         |         |          |             | 2/26/2019  | 6265              | 6498.38                               | 6483.47                               | 14.91         |
|         |         |          |             | 3/26/2019  | 6293              | 6498.63                               | 6483.39                               | 15.24         |
|         |         |          |             | 4/10/2019  | 6309              | 6500.03                               | 6483.35                               | 16.68         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 4/30/2019  | 6328              | 6499.98                               | 6483.31                               | 16.67         |
|            |         |           |             | 5/29/2019  | 6357              | 6500.38                               | 6483.24                               | 17.14         |
|            |         |           |             | 6/25/2019  | 6384              | 6499.53                               | 6483.19                               | 16.34         |
|            |         |           |             | 8/2/2019   | 6422              | 6500.07                               | 6483.11                               | 16.96         |
|            |         |           |             | 8/27/2019  | 6447              | 6500.24                               | 6483.06                               | 17.18         |
|            |         |           |             | 10/1/2019  | 6482              | 6500.03                               | 6482.99                               | 17.04         |
|            |         |           |             | 10/29/2019 | 6510              | 6500.97                               | 6482.94                               | 18.03         |
|            |         |           |             | 12/19/2019 | 6561              | 6499.86                               | 6482.84                               | 17.02         |
| CW35       | 488,794 | 1,547,001 | 6           | 6/28/2002  | 179               | 6529.88                               | 6517.07                               | 12.81         |
|            |         |           |             | 7/11/2003  | 557               | 6530.27                               | 6516.99                               | 13.28         |
|            |         |           |             | 12/24/2003 | 722               | 6539.32                               | 6516.93                               | 22.39         |
|            |         |           |             | 6/2/2004   | 883               | 6530.59                               | 6516.75                               | 13.84         |
|            |         |           |             | 12/15/2004 | 1079              | 6530.79                               | 6516.55                               | 14.24         |
|            |         |           |             | 12/2/2005  | 1432              | 6531.97                               | 6515.98                               | 15.99         |
|            |         |           |             | 12/12/2005 | 1442              | 6531.92                               | 6515.96                               | 15.96         |
|            |         |           |             | 10/25/2006 | 1759              | 6533.57                               | 6515.65                               | 17.92         |
|            |         |           |             | 11/14/2007 | 2143              | 6535.19                               | 6515.27                               | 19.92         |
|            |         |           |             | 10/14/2008 | 2478              | 6536.16                               | 6514.79                               | 21.37         |
|            |         |           |             | 12/5/2008  | 2530              | 6536.46                               | 6514.72                               | 21.74         |
|            |         |           |             | 9/22/2009  | 2821              | 6537.14                               | 6514.44                               | 22.70         |
|            |         |           |             | 12/15/2009 | 2906              | 6537.31                               | 6514.36                               | 22.95         |
|            |         |           |             | 12/15/2010 | 3270              | 6538.13                               | 6514.37                               | 23.76         |
|            |         |           |             | 12/17/2010 | 3272              | 6539.21                               | 6514.38                               | 24.83         |
|            |         |           |             | 8/9/2011   | 3507              | 6538.63                               | 6514.39                               | 24.24         |
|            |         |           |             | 12/7/2011  | 3628              | 6538.95                               | 6514.45                               | 24.50         |
|            |         |           |             | 8/8/2012   | 3873              | 6539.73                               | 6514.66                               | 25.07         |
|            |         |           |             | 11/15/2012 | 3971              | 6539.84                               | 6514.75                               | 25.09         |
|            |         |           |             | 12/12/2013 | 4363              | 6540.78                               | 6515.36                               | 25.42         |
|            |         |           |             | 10/3/2014  | 4659              | 6541.80                               | 6515.77                               | 26.03         |
|            |         |           |             | 7/2/2015   | 4930              | 6542.50                               | 6516.11                               | 26.39         |
|            |         |           |             | 10/24/2015 | 5045              | 6543.97                               | 6516.29                               | 27.68         |
|            |         |           |             | 12/2/2015  | 5083              | 6542.92                               | 6516.34                               | 26.58         |
|            |         |           |             | 12/14/2016 | 5461              | 6540.53                               | 6514.65                               | 25.88         |
|            |         |           |             | 12/6/2017  | 5818              | 6539.66                               | 6513.45                               | 26.21         |
|            |         |           |             | 3/8/2018   | 5911              | 6540.76                               | 6513.13                               | 27.63         |
|            |         |           |             | 12/27/2018 | 6204              | 6540.46                               | 6512.15                               | 28.31         |
| 4/19/2019  | 6317    | 6539.15   | 6511.73     | 27.42      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6539.14   | 6510.75     | 28.39      |                   |                                       |                                       |               |
|            |         |           |             | 3/29/2002  | 88                | 6505.15                               | 6475.00                               | 30.15         |
|            |         |           |             | 10/3/2002  | 275               | 6499.50                               | 6474.95                               | 24.55         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW45       | 489,494 | 1,535,036 | 6           | 12/13/2002 | 346               | 6502.15                               | 6474.93                               | 27.22         |
|            |         |           |             | 12/13/2002 | 346               | 6502.17                               | 6474.93                               | 27.24         |
|            |         |           |             | 7/17/2003  | 563               | 6498.68                               | 6474.48                               | 24.20         |
|            |         |           |             | 12/24/2003 | 723               | 6503.26                               | 6474.87                               | 28.39         |
|            |         |           |             | 5/27/2010  | 3068              | 6502.97                               | 6490.40                               | 12.57         |
|            |         |           |             | 12/16/2010 | 3271              | 6504.75                               | 6492.07                               | 12.68         |
|            |         |           |             | 4/19/2011  | 3395              | 6505.98                               | 6492.82                               | 13.16         |
|            |         |           |             | 8/10/2011  | 3509              | 6505.61                               | 6493.07                               | 12.54         |
|            |         |           |             | 12/7/2011  | 3627              | 6506.43                               | 6493.40                               | 13.03         |
|            |         |           |             | 5/8/2012   | 3780              | 6506.68                               | 6494.28                               | 12.40         |
|            |         |           |             | 11/15/2012 | 3971              | 6506.11                               | 6494.88                               | 11.23         |
|            |         |           |             | 3/7/2013   | 4083              | 6506.23                               | 6495.83                               | 10.40         |
|            |         |           |             | 6/18/2013  | 4186              | 6507.19                               | 6496.46                               | 10.73         |
|            |         |           |             | 12/12/2013 | 4363              | 6507.45                               | 6497.17                               | 10.28         |
|            |         |           |             | 10/10/2014 | 4665              | 6502.70                               | 6492.05                               | 10.65         |
|            |         |           |             | 10/14/2014 | 4669              | 6502.52                               | 6492.05                               | 10.47         |
|            |         |           |             | 10/16/2014 | 4671              | 6501.86                               | 6492.05                               | 9.81          |
|            |         |           |             | 10/18/2014 | 4673              | 6501.73                               | 6492.05                               | 9.68          |
|            |         |           |             | 11/6/2014  | 4692              | 6501.15                               | 6492.04                               | 9.11          |
|            |         |           |             | 11/14/2014 | 4700              | 6501.28                               | 6492.03                               | 9.25          |
|            |         |           |             | 11/14/2014 | 4701              | 6501.28                               | 6492.03                               | 9.25          |
|            |         |           |             | 12/24/2014 | 4740              | 6501.22                               | 6492.01                               | 9.21          |
|            |         |           |             | 4/1/2015   | 4838              | 6505.83                               | 6496.11                               | 9.72          |
|            |         |           |             | 4/1/2015   | 4838              | 6505.83                               | 6496.11                               | 9.72          |
|            |         |           |             | 8/20/2015  | 4979              | 6509.10                               | 6497.51                               | 11.59         |
|            |         |           |             | 12/2/2015  | 5083              | 6510.66                               | 6498.28                               | 12.38         |
|            |         |           |             | 3/5/2016   | 5177              | 6510.78                               | 6499.55                               | 11.23         |
|            |         |           |             | 8/27/2016  | 5353              | 6498.49                               | 6499.75                               | -1.26         |
|            |         |           |             | 12/13/2016 | 5460              | 6503.18                               | 6499.86                               | 3.32          |
|            |         |           |             | 3/25/2017  | 5563              | 6506.96                               | 6497.57                               | 9.39          |
|            |         |           |             | 12/6/2017  | 5818              | 6505.56                               | 6496.66                               | 8.90          |
|            |         |           |             | 3/23/2018  | 5925              | 6507.01                               | 6498.53                               | 8.48          |
| 8/2/2018   | 6057    | 6502.55   | 6498.92     | 3.63       |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6506.52   | 6499.17     | 7.35       |                   |                                       |                                       |               |
| 1/29/2019  | 6237    | 6504.38   | 6498.00     | 6.38       |                   |                                       |                                       |               |
| 2/26/2019  | 6265    | 6504.45   | 6497.74     | 6.71       |                   |                                       |                                       |               |
| 3/6/2019   | 6273    | 6503.59   | 6497.67     | 5.92       |                   |                                       |                                       |               |
| 3/26/2019  | 6293    | 6505.64   | 6497.55     | 8.09       |                   |                                       |                                       |               |
| 8/21/2019  | 6441    | 6504.37   | 6496.84     | 7.53       |                   |                                       |                                       |               |
| 11/6/2019  | 6518    | 6507.35   | 6496.54     | 10.81      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/19/2019 | 6561              | 6505.90                               | 6496.39                               | 9.51          |
| CW55       | 489,471 | 1,538,283 | 6           | 10/27/2006 | 1760              | 6522.05                               | 6467.10                               | 54.95         |
|            |         |           |             | 12/13/2006 | 1807              | 6529.46                               | 6467.03                               | 62.43         |
|            |         |           |             | 10/2/2007  | 2101              | 6520.79                               | 6476.43                               | 44.36         |
|            |         |           |             | 11/14/2007 | 2144              | 6520.65                               | 6476.67                               | 43.98         |
|            |         |           |             | 10/21/2008 | 2486              | 6520.35                               | 6473.95                               | 46.40         |
|            |         |           |             | 12/6/2008  | 2531              | 6520.91                               | 6473.90                               | 47.01         |
|            |         |           |             | 4/21/2009  | 2668              | 6520.62                               | 6476.18                               | 44.44         |
|            |         |           |             | 12/13/2009 | 2903              | 6520.44                               | 6476.79                               | 43.65         |
|            |         |           |             | 10/23/2010 | 3218              | 6521.18                               | 6484.78                               | 36.40         |
|            |         |           |             | 12/16/2010 | 3272              | 6521.30                               | 6485.09                               | 36.21         |
|            |         |           |             | 10/12/2011 | 3571              | 6509.90                               | 6482.61                               | 27.29         |
|            |         |           |             | 12/7/2011  | 3627              | 6509.96                               | 6482.71                               | 27.25         |
|            |         |           |             | 10/6/2012  | 3932              | 6503.60                               | 6484.50                               | 19.10         |
|            |         |           |             | 11/16/2012 | 3973              | 6504.68                               | 6484.60                               | 20.08         |
|            |         |           |             | 12/4/2013  | 4355              | 6508.86                               | 6490.56                               | 18.30         |
|            |         |           |             | 12/12/2013 | 4363              | 6507.21                               | 6490.59                               | 16.62         |
|            |         |           |             | 10/11/2014 | 4667              | 6507.99                               | 6488.89                               | 19.10         |
|            |         |           |             | 7/30/2015  | 4959              | 6509.61                               | 6491.49                               | 18.12         |
|            |         |           |             | 12/2/2015  | 5083              | 6511.89                               | 6492.23                               | 19.66         |
|            |         |           |             | 12/14/2016 | 5461              | 6507.94                               | 6493.87                               | 14.07         |
|            |         |           |             | 12/6/2017  | 5818              | 6505.86                               | 6491.40                               | 14.46         |
|            |         |           |             | 12/13/2017 | 5826              | 6504.00                               | 6491.38                               | 12.62         |
| 7/12/2018  | 6036    | 6495.95   | 6493.33     | 2.62       |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6507.20   | 6493.56     | 13.64      |                   |                                       |                                       |               |
| 7/31/2019  | 6421    | 6509.38   | 6490.83     | 18.55      |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6510.28   | 6490.46     | 19.82      |                   |                                       |                                       |               |
| CW56       | 488,115 | 1,545,279 | 6           | 10/15/2012 | 3941              | 6539.37                               | 6530.11                               | 9.26          |
|            |         |           |             | 5/2/2013   | 4139              | 6539.83                               | 6530.68                               | 9.15          |
|            |         |           |             | 8/8/2013   | 4238              | 6539.76                               | 6530.99                               | 8.77          |
|            |         |           |             | 10/1/2014  | 4657              | 6540.36                               | 6532.05                               | 8.31          |
|            |         |           |             | 2/21/2015  | 4800              | 6541.23                               | 6532.29                               | 8.94          |
|            |         |           |             | 8/28/2015  | 4988              | 6542.34                               | 6532.30                               | 10.04         |
|            |         |           |             | 12/17/2016 | 5465              | 6537.04                               | 6526.45                               | 10.59         |
|            |         |           |             | 8/30/2018  | 6085              | 6520.02                               | 6522.68                               | -2.66         |
|            |         |           |             | 8/30/2019  | 6451              | 6530.79                               | 6520.17                               | 10.62         |
|            |         |           |             | 10/13/2012 | 3939              | 6536.71                               | 6528.80                               | 7.91          |
|            |         |           |             | 5/11/2013  | 4148              | 6536.99                               | 6529.38                               | 7.61          |
|            |         |           |             | 10/1/2014  | 4656              | 6533.41                               | 6530.71                               | 2.70          |
|            |         |           |             | 2/21/2015  | 4799              | 6539.22                               | 6530.96                               | 8.26          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW57       | 488,070 | 1,545,654 | 6           | 9/1/2015   | 4991              | 6540.73                               | 6531.01                               | 9.72          |
|            |         |           |             | 12/14/2016 | 5461              | 6538.07                               | 6526.01                               | 12.06         |
|            |         |           |             | 10/25/2017 | 5776              | 6536.57                               | 6523.96                               | 12.61         |
|            |         |           |             | 12/6/2017  | 5818              | 6536.33                               | 6523.71                               | 12.62         |
|            |         |           |             | 12/27/2018 | 6204              | 6536.97                               | 6521.74                               | 15.23         |
|            |         |           |             | 12/19/2019 | 6561              | 6535.52                               | 6519.10                               | 16.42         |
| CW58       | 489,520 | 1,536,230 | 6           | 10/8/2014  | 4663              | 6487.20                               | 6490.16                               | -2.96         |
|            |         |           |             | 10/10/2014 | 4665              | 6481.53                               | 6490.16                               | -8.63         |
|            |         |           |             | 10/14/2014 | 4669              | 6479.07                               | 6490.16                               | -11.09        |
|            |         |           |             | 10/16/2014 | 4671              | 6478.21                               | 6490.16                               | -11.95        |
|            |         |           |             | 10/18/2014 | 4673              | 6477.62                               | 6490.16                               | -12.54        |
|            |         |           |             | 11/6/2014  | 4692              | 6475.14                               | 6490.15                               | -15.01        |
|            |         |           |             | 11/14/2014 | 4700              | 6475.42                               | 6490.15                               | -14.73        |
|            |         |           |             | 12/2/2014  | 4718              | 6474.62                               | 6490.15                               | -15.53        |
|            |         |           |             | 12/14/2016 | 5461              | 6481.76                               | 6496.69                               | -14.93        |
|            |         |           |             | 12/21/2016 | 5469              | 6478.88                               | 6496.69                               | -17.81        |
|            |         |           |             | 12/6/2017  | 5818              | 6477.00                               | 6493.69                               | -16.69        |
|            |         |           |             | 5/2/2018   | 5965              | 6509.02                               | 6495.84                               | 13.18         |
|            |         |           |             | 12/27/2018 | 6204              | 6490.21                               | 6496.31                               | -6.10         |
|            |         |           |             | 5/30/2019  | 6358              | 6497.60                               | 6493.98                               | 3.62          |
| 12/19/2019 | 6561    | 6493.77   | 6493.28     | 0.49       |                   |                                       |                                       |               |
| CW6        | 488,301 | 1,542,588 | 6           | 12/13/2002 | 346               | 6447.50                               | 6458.79                               | -11.29        |
|            |         |           |             | 12/24/2003 | 722               | 6452.74                               | 6459.91                               | -7.17         |
|            |         |           |             | 12/15/2004 | 1080              | 6457.22                               | 6456.58                               | 0.64          |
|            |         |           |             | 12/2/2005  | 1431              | 6457.15                               | 6457.60                               | -0.45         |
|            |         |           |             | 12/21/2006 | 1815              | 6453.84                               | 6451.49                               | 2.35          |
|            |         |           |             | 11/14/2007 | 2144              | 6465.24                               | 6463.21                               | 2.03          |
|            |         |           |             | 12/5/2008  | 2530              | 6453.16                               | 6457.32                               | -4.16         |
|            |         |           |             | 12/10/2009 | 2901              | 6462.36                               | 6462.88                               | -0.52         |
|            |         |           |             | 12/16/2010 | 3271              | 6466.54                               | 6474.71                               | -8.17         |
|            |         |           |             | 12/6/2011  | 3627              | 6478.09                               | 6465.82                               | 12.27         |
|            |         |           |             | 11/14/2012 | 3971              | 6486.40                               | 6470.97                               | 15.43         |
|            |         |           |             | 12/12/2013 | 4363              | 6503.64                               | 6481.22                               | 22.42         |
|            |         |           |             | 10/1/2014  | 4656              | 6500.92                               | 6484.39                               | 16.53         |
|            |         |           |             | 12/1/2015  | 5082              | 6504.46                               | 6486.52                               | 17.94         |
|            |         |           |             | 12/13/2016 | 5460              | 6498.46                               | 6487.40                               | 11.06         |
|            |         |           |             | 12/6/2017  | 5818              | 6490.09                               | 6485.79                               | 4.30          |
|            |         |           |             | 12/27/2018 | 6204              | 6499.54                               | 6486.86                               | 12.68         |
| 12/19/2019 | 6561    | 6535.24   | 6484.99     | 50.25      |                   |                                       |                                       |               |
|            |         |           |             | 9/19/2012  | 3915              | 6538.50                               | 6529.06                               | 9.44          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW60       | 488,262 | 1,545,470 | 6           | 5/11/2013  | 4148              | 6538.95                               | 6529.72                               | 9.23          |
|            |         |           |             | 10/1/2014  | 4656              | 6540.45                               | 6531.05                               | 9.40          |
|            |         |           |             | 2/21/2015  | 4799              | 6540.82                               | 6531.29                               | 9.53          |
|            |         |           |             | 9/1/2015   | 4991              | 6541.45                               | 6531.33                               | 10.12         |
|            |         |           |             | 12/14/2016 | 5461              | 6538.98                               | 6526.10                               | 12.88         |
|            |         |           |             | 10/25/2017 | 5776              | 6540.25                               | 6524.03                               | 16.22         |
|            |         |           |             | 12/6/2017  | 5818              | 6536.98                               | 6523.77                               | 13.21         |
|            |         |           |             | 8/30/2018  | 6085              | 6538.76                               | 6522.39                               | 16.37         |
|            |         |           |             | 12/27/2018 | 6204              | 6538.40                               | 6521.80                               | 16.60         |
|            |         |           |             | 8/31/2019  | 6451              | 6537.70                               | 6519.93                               | 17.77         |
|            |         |           |             | 12/19/2019 | 6561              | 6537.09                               | 6519.13                               | 17.96         |
| CW61       | 487,779 | 1,544,927 | 6           | 10/14/2012 | 3940              | 6538.67                               | 6532.72                               | 5.95          |
|            |         |           |             | 5/11/2013  | 4148              | 6539.24                               | 6533.37                               | 5.87          |
|            |         |           |             | 10/1/2014  | 4656              | 6540.03                               | 6534.70                               | 5.33          |
|            |         |           |             | 4/1/2015   | 4838              | 6539.92                               | 6534.84                               | 5.08          |
|            |         |           |             | 8/29/2015  | 4989              | 6541.13                               | 6534.74                               | 6.39          |
|            |         |           |             | 12/13/2016 | 5460              | 6536.90                               | 6523.95                               | 12.95         |
|            |         |           |             | 12/17/2016 | 5464              | 6537.36                               | 6523.93                               | 13.43         |
|            |         |           |             | 8/30/2018  | 6085              | 6530.40                               | 6520.21                               | 10.19         |
|            |         |           |             | 12/27/2018 | 6204              | 6525.81                               | 6519.67                               | 6.14          |
|            |         |           |             | 8/30/2019  | 6451              | 6531.73                               | 6517.61                               | 14.12         |
|            |         |           |             | 12/19/2019 | 6561              | 6521.71                               | 6516.80                               | 4.91          |
| CW62       | 487,847 | 1,544,555 | 6           | 9/20/2012  | 3915              | 6540.06                               | 6533.77                               | 6.29          |
|            |         |           |             | 5/15/2013  | 4152              | 6540.55                               | 6534.61                               | 5.94          |
|            |         |           |             | 10/1/2014  | 4656              | 6541.52                               | 6535.93                               | 5.59          |
|            |         |           |             | 8/29/2015  | 4989              | 6543.11                               | 6535.45                               | 7.66          |
|            |         |           |             | 12/1/2015  | 5082              | 6541.65                               | 6535.30                               | 6.35          |
|            |         |           |             | 5/19/2016  | 5252              | 6540.96                               | 6464.64                               | 76.32         |
|            |         |           |             | 2/14/2018  | 5888              | 6484.66                               | 6463.40                               | 21.26         |
|            |         |           |             | 7/10/2018  | 6035              | 6500.56                               | 6463.22                               | 37.34         |
|            |         |           |             | 1/29/2019  | 6237              | 6460.01                               | 6462.85                               | -2.84         |
|            |         |           |             | 2/26/2019  | 6265              | 6483.26                               | 6462.75                               | 20.51         |
|            |         |           |             | 3/26/2019  | 6293              | 6529.51                               | 6462.66                               | 66.85         |
|            |         |           |             | 4/30/2019  | 6328              | 6502.66                               | 6462.56                               | 40.10         |
|            |         |           |             | 5/29/2019  | 6357              | 6519.06                               | 6462.48                               | 56.58         |
|            |         |           |             | 7/20/2019  | 6410              | 6458.29                               | 6462.35                               | -4.06         |
|            |         |           |             | 8/27/2019  | 6447              | 6529.47                               | 6462.25                               | 67.22         |
| 8/30/2019  | 6450    | 6530.71   | 6462.25     | 68.46      |                   |                                       |                                       |               |
| 10/1/2019  | 6482    | 6520.76   | 6462.17     | 58.59      |                   |                                       |                                       |               |
| 10/29/2019 | 6510    | 6486.81   | 6462.11     | 24.70      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/19/2019 | 6561              | 6458.27                               | 6462.00                               | -3.73         |
| CW72       | 488,229 | 1,545,034 | 6           | 4/15/2014  | 4487              | 6540.99                               | 6482.93                               | 58.06         |
|            |         |           |             | 12/1/2015  | 5082              | 6541.65                               | 6485.08                               | 56.57         |
|            |         |           |             | 12/13/2016 | 5460              | 6536.83                               | 6485.76                               | 51.07         |
|            |         |           |             | 12/17/2016 | 5465              | 6537.75                               | 6485.77                               | 51.98         |
|            |         |           |             | 9/21/2018  | 6107              | 6520.13                               | 6485.18                               | 34.95         |
|            |         |           |             | 12/27/2018 | 6204              | 6509.31                               | 6485.19                               | 24.12         |
|            |         |           |             | 10/18/2019 | 6500              | 6498.93                               | 6483.79                               | 15.14         |
|            |         |           |             | 12/19/2019 | 6561              | 6496.68                               | 6483.70                               | 12.98         |
| CW74       | 487,376 | 1,535,188 | 6           | 5/15/2015  | 4883              | 6480.20                               | 6494.90                               | -14.70        |
|            |         |           |             | 12/3/2015  | 5084              | 6487.81                               | 6497.02                               | -9.21         |
|            |         |           |             | 12/14/2016 | 5461              | 6483.66                               | 6498.03                               | -14.37        |
|            |         |           |             | 5/5/2017   | 5604              | 6494.40                               | 6496.71                               | -2.31         |
|            |         |           |             | 12/6/2017  | 5818              | 6481.45                               | 6496.00                               | -14.55        |
|            |         |           |             | 5/4/2018   | 5967              | 6489.29                               | 6497.35                               | -8.06         |
|            |         |           |             | 12/27/2018 | 6204              | 6487.36                               | 6498.16                               | -10.80        |
|            |         |           |             | 5/30/2019  | 6358              | 6494.66                               | 6496.50                               | -1.84         |
| 12/18/2019 | 6560    | 6495.16   | 6495.58     | -0.42      |                   |                                       |                                       |               |
| CW75       | 487,376 | 1,536,012 | 6           | 12/2/2015  | 5083              | 6483.46                               | 6495.47                               | -12.01        |
|            |         |           |             | 12/14/2016 | 5461              | 6481.37                               | 6497.29                               | -15.92        |
|            |         |           |             | 5/5/2017   | 5603              | 6481.48                               | 6495.54                               | -14.06        |
|            |         |           |             | 12/6/2017  | 5818              | 6479.87                               | 6495.01                               | -15.14        |
|            |         |           |             | 4/27/2018  | 5960              | 6488.56                               | 6496.70                               | -8.14         |
|            |         |           |             | 12/27/2018 | 6204              | 6486.76                               | 6497.32                               | -10.56        |
|            |         |           |             | 5/30/2019  | 6359              | 6495.63                               | 6495.18                               | 0.45          |
|            |         |           |             | 12/18/2019 | 6560              | 6494.92                               | 6494.49                               | 0.43          |
| CW76       | 487,861 | 1,536,661 | 6           | 5/12/2015  | 4880              | 6474.04                               | 6493.36                               | -19.32        |
|            |         |           |             | 12/3/2015  | 5084              | 6491.28                               | 6494.95                               | -3.67         |
|            |         |           |             | 12/14/2016 | 5461              | 6489.42                               | 6497.16                               | -7.74         |
|            |         |           |             | 12/20/2016 | 5467              | 6485.63                               | 6497.17                               | -11.54        |
|            |         |           |             | 5/5/2017   | 5603              | 6484.95                               | 6495.07                               | -10.12        |
|            |         |           |             | 12/6/2017  | 5818              | 6477.51                               | 6494.55                               | -17.04        |
|            |         |           |             | 1/11/2018  | 5854              | 6460.39                               | 6495.83                               | -35.44        |
|            |         |           |             | 1/30/2018  | 5874              | 6477.56                               | 6496.07                               | -18.51        |
|            |         |           |             | 7/11/2018  | 6036              | 6484.81                               | 6496.74                               | -11.93        |
|            |         |           |             | 12/27/2018 | 6204              | 6490.56                               | 6497.07                               | -6.51         |
|            |         |           |             | 1/9/2019   | 6217              | 6485.68                               | 6495.32                               | -9.64         |
|            |         |           |             | 7/26/2019  | 6415              | 6496.43                               | 6494.09                               | 2.34          |
| 12/18/2019 | 6560    | 6494.95   | 6493.64     | 1.31       |                   |                                       |                                       |               |
|            |         |           |             | 8/7/2013   | 4237              | 6500.84                               | 6502.31                               | -1.47         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| R4         | 488,446 | 1,534,541 | 6           | 5/15/2015  | 4883              | 6506.33                               | 6506.20                               | 0.13          |
|            |         |           |             | 3/8/2016   | 5181              | 6509.02                               | 6507.11                               | 1.91          |
|            |         |           |             | 2/21/2018  | 5895              | 6501.70                               | 6505.37                               | -3.67         |
|            |         |           |             | 8/23/2018  | 6078              | 6456.60                               | 6507.06                               | -50.46        |
|            |         |           |             | 1/29/2019  | 6237              | 6502.21                               | 6505.26                               | -3.05         |
|            |         |           |             | 2/26/2019  | 6265              | 6499.63                               | 6504.59                               | -4.96         |
|            |         |           |             | 3/26/2019  | 6293              | 6501.97                               | 6504.13                               | -2.16         |
|            |         |           |             | 4/10/2019  | 6308              | 6503.06                               | 6503.92                               | -0.86         |
|            |         |           |             | 4/30/2019  | 6328              | 6500.58                               | 6503.64                               | -3.06         |
|            |         |           |             | 8/29/2019  | 6449              | 6502.20                               | 6502.58                               | -0.38         |
| WCW        | 488,520 | 1,541,045 | 6           | 12/13/2002 | 346               | 6440.26                               | 6462.61                               | -22.35        |
|            |         |           |             | 7/18/2003  | 564               | 6428.41                               | 6463.20                               | -34.79        |
|            |         |           |             | 5/5/2004   | 855               | 6463.43                               | 6461.09                               | 2.34          |
|            |         |           |             | 7/16/2004  | 928               | 6440.57                               | 6461.06                               | -20.49        |
|            |         |           |             | 12/15/2004 | 1080              | 6448.61                               | 6461.21                               | -12.60        |
|            |         |           |             | 4/13/2005  | 1198              | 6452.47                               | 6461.86                               | -9.39         |
|            |         |           |             | 12/2/2005  | 1431              | 6448.47                               | 6462.35                               | -13.88        |
|            |         |           |             | 12/13/2005 | 1443              | 6447.07                               | 6462.37                               | -15.30        |
|            |         |           |             | 3/16/2006  | 1536              | 6451.07                               | 6457.70                               | -6.63         |
|            |         |           |             | 11/29/2006 | 1793              | 6433.17                               | 6457.05                               | -23.88        |
|            |         |           |             | 3/27/2007  | 1912              | 6451.93                               | 6465.82                               | -13.89        |
|            |         |           |             | 11/14/2007 | 2144              | 6448.49                               | 6467.84                               | -19.35        |
|            |         |           |             | 11/14/2007 | 2144              | 6448.20                               | 6467.84                               | -19.64        |
|            |         |           |             | 4/29/2008  | 2311              | 6439.97                               | 6463.86                               | -23.89        |
|            |         |           |             | 10/15/2008 | 2480              | 6445.21                               | 6463.28                               | -18.07        |
|            |         |           |             | 12/5/2008  | 2530              | 6432.07                               | 6463.20                               | -31.13        |
|            |         |           |             | 4/28/2009  | 2674              | 6444.79                               | 6467.22                               | -22.43        |
|            |         |           |             | 10/14/2009 | 2843              | 6445.01                               | 6467.67                               | -22.66        |
|            |         |           |             | 12/8/2009  | 2898              | 6444.36                               | 6467.73                               | -23.37        |
|            |         |           |             | 12/10/2009 | 2901              | 6444.36                               | 6467.73                               | -23.37        |
|            |         |           |             | 9/28/2010  | 3193              | 6478.57                               | 6477.64                               | 0.93          |
|            |         |           |             | 4/19/2011  | 3395              | 6450.32                               | 6471.61                               | -21.29        |
|            |         |           |             | 10/12/2011 | 3572              | 6460.47                               | 6471.29                               | -10.82        |
|            |         |           |             | 11/21/2012 | 3978              | 6466.72                               | 6475.30                               | -8.58         |
| 12/12/2013 | 4363    | 6489.97   | 6483.96     | 6.01       |                   |                                       |                                       |               |
| 12/2/2015  | 5083    | 6491.07   | 6487.98     | 3.09       |                   |                                       |                                       |               |
| 12/14/2016 | 5461    | 6486.02   | 6489.07     | -3.05      |                   |                                       |                                       |               |
| 8/10/2017  | 5700    | 6463.67   | 6487.45     | -23.78     |                   |                                       |                                       |               |
| 8/12/2017  | 5702    | 6487.57   | 6487.45     | 0.12       |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6469.02   | 6487.24     | -18.22     |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 6/14/2018  | 6008              | 6468.27                               | 6488.45                               | -20.18        |
|            |         |           |             | 12/27/2018 | 6204              | 6491.21                               | 6488.61                               | 2.60          |
|            |         |           |             | 10/26/2019 | 6507              | 6528.27                               | 6486.49                               | 41.78         |
|            |         |           |             | 12/19/2019 | 6561              | 6528.17                               | 6486.39                               | 41.78         |
| WR25       | 487,430 | 1,545,267 | 6           | 7/11/2003  | 557               | 6527.37                               | 6537.41                               | -10.04        |
|            |         |           |             | 12/24/2003 | 722               | 6528.26                               | 6537.32                               | -9.06         |
|            |         |           |             | 7/28/2004  | 940               | 6527.96                               | 6536.68                               | -8.72         |
|            |         |           |             | 12/15/2004 | 1079              | 6528.36                               | 6536.38                               | -8.02         |
|            |         |           |             | 12/2/2005  | 1432              | 6530.69                               | 6534.89                               | -4.20         |
|            |         |           |             | 12/12/2005 | 1441              | 6530.78                               | 6534.86                               | -4.08         |
|            |         |           |             | 11/16/2006 | 1781              | 6534.05                               | 6534.80                               | -0.75         |
|            |         |           |             | 11/14/2007 | 2143              | 6534.86                               | 6533.74                               | 1.12          |
|            |         |           |             | 10/11/2008 | 2476              | 6535.36                               | 6533.21                               | 2.15          |
|            |         |           |             | 12/5/2008  | 2530              | 6535.38                               | 6533.15                               | 2.23          |
|            |         |           |             | 9/16/2009  | 2816              | 6535.46                               | 6533.00                               | 2.46          |
|            |         |           |             | 12/15/2009 | 2906              | 6535.65                               | 6532.97                               | 2.68          |
|            |         |           |             | 12/9/2010  | 3264              | 6537.57                               | 6533.06                               | 4.51          |
|            |         |           |             | 12/17/2010 | 3272              | 6537.85                               | 6533.07                               | 4.78          |
|            |         |           |             | 11/8/2011  | 3599              | 6538.70                               | 6533.94                               | 4.76          |
|            |         |           |             | 12/7/2011  | 3628              | 6538.66                               | 6534.03                               | 4.63          |
|            |         |           |             | 10/25/2012 | 3951              | 6539.76                               | 6535.19                               | 4.57          |
|            |         |           |             | 11/15/2012 | 3971              | 6539.62                               | 6535.26                               | 4.36          |
|            |         |           |             | 6/25/2013  | 4194              | 6540.16                               | 6535.98                               | 4.18          |
|            |         |           |             | 12/12/2013 | 4363              | 6540.26                               | 6536.62                               | 3.64          |
|            |         |           |             | 10/1/2014  | 4657              | 6540.83                               | 6537.22                               | 3.61          |
|            |         |           |             | 7/30/2015  | 4958              | 6541.41                               | 6537.40                               | 4.01          |
|            |         |           |             | 12/2/2015  | 5083              | 6540.81                               | 6537.36                               | 3.45          |
|            |         |           |             | 12/14/2016 | 5461              | 6538.74                               | 6532.91                               | 5.83          |
| 7/18/2018  | 6043    | 6536.23   | 6528.86     | 7.37       |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6534.72   | 6527.99     | 6.73       |                   |                                       |                                       |               |
| 10/3/2019  | 6485    | 6532.74   | 6525.38     | 7.36       |                   |                                       |                                       |               |
| 12/19/2019 | 6561    | 6532.03   | 6524.71     | 7.32       |                   |                                       |                                       |               |
| Y10        | 489,632 | 1,535,258 | 6           | 6/7/2014   | 4540              | 6485.61                               | 6492.33                               | -6.72         |
|            |         |           |             | 10/8/2014  | 4663              | 6482.65                               | 6492.18                               | -9.53         |
|            |         |           |             | 10/10/2014 | 4665              | 6482.15                               | 6492.18                               | -10.03        |
|            |         |           |             | 10/14/2014 | 4669              | 6480.00                               | 6492.17                               | -12.17        |
|            |         |           |             | 10/16/2014 | 4671              | 6479.16                               | 6492.17                               | -13.01        |
|            |         |           |             | 10/18/2014 | 4673              | 6478.61                               | 6492.17                               | -13.56        |
|            |         |           |             | 11/6/2014  | 4692              | 6477.21                               | 6492.16                               | -14.95        |
|            |         |           |             | 11/14/2014 | 4700              | 6476.90                               | 6492.16                               | -15.26        |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 12/2/2014  | 4718              | 6476.05                               | 6492.15                               | -16.10        |
|         |         |           |             | 12/13/2016 | 5460              | 6487.07                               | 6498.78                               | -11.71        |
|         |         |           |             | 12/6/2017  | 5818              | 6478.38                               | 6495.76                               | -17.38        |
|         |         |           |             | 12/27/2018 | 6204              | 6492.87                               | 6498.17                               | -5.30         |
|         |         |           |             | 12/19/2019 | 6561              | 6496.14                               | 6495.46                               | 0.68          |
| Y11     | 489,351 | 1,535,218 | 6           | 10/8/2014  | 4663              | 6502.34                               | 6492.20                               | 10.14         |
|         |         |           |             | 10/10/2014 | 4665              | 6500.16                               | 6492.20                               | 7.96          |
|         |         |           |             | 12/20/2016 | 5468              | 6498.13                               | 6499.25                               | -1.12         |
| Y14     | 489,113 | 1,535,057 | 6           | 10/8/2014  | 4663              | 6503.85                               | 6493.55                               | 10.30         |
|         |         |           |             | 10/10/2014 | 4665              | 6500.08                               | 6493.54                               | 6.54          |
|         |         |           |             | 10/14/2014 | 4669              | 6499.98                               | 6493.54                               | 6.44          |
|         |         |           |             | 10/16/2014 | 4671              | 6499.13                               | 6493.54                               | 5.59          |
|         |         |           |             | 10/18/2014 | 4673              | 6498.76                               | 6493.54                               | 5.22          |
|         |         |           |             | 11/6/2014  | 4692              | 6498.00                               | 6493.52                               | 4.48          |
|         |         |           |             | 11/14/2014 | 4700              | 6498.11                               | 6493.52                               | 4.59          |
|         |         |           |             | 12/2/2014  | 4718              | 6497.13                               | 6493.50                               | 3.63          |
|         |         |           |             | 12/13/2016 | 5460              | 6498.32                               | 6500.88                               | -2.56         |
|         |         |           |             | 12/6/2017  | 5818              | 6501.52                               | 6497.21                               | 4.31          |
|         |         |           |             | 12/27/2018 | 6204              | 6506.14                               | 6500.09                               | 6.05          |
|         |         |           |             | 12/19/2019 | 6561              | 6505.59                               | 6497.13                               | 8.46          |
| Y17     | 489,782 | 1,534,978 | 6           | 4/22/2014  | 4494              | 6496.76                               | 6494.42                               | 2.34          |
|         |         |           |             | 10/8/2014  | 4663              | 6497.53                               | 6494.14                               | 3.39          |
|         |         |           |             | 11/6/2014  | 4692              | 6492.82                               | 6494.12                               | -1.30         |
|         |         |           |             | 11/14/2014 | 4700              | 6492.69                               | 6494.12                               | -1.43         |
|         |         |           |             | 12/2/2014  | 4718              | 6491.66                               | 6494.11                               | -2.45         |
|         |         |           |             | 12/13/2016 | 5460              | 6497.64                               | 6499.74                               | -2.10         |
|         |         |           |             | 12/6/2017  | 5818              | 6495.18                               | 6497.19                               | -2.01         |
|         |         |           |             | 12/27/2018 | 6204              | 6500.79                               | 6499.05                               | 1.74          |
|         |         |           |             | 12/19/2019 | 6561              | 6501.87                               | 6496.59                               | 5.28          |
| Y2      | 489,151 | 1,535,678 | 6           | 11/6/2014  | 4692              | 6467.99                               | 6491.22                               | -23.23        |
|         |         |           |             | 11/14/2014 | 4700              | 6467.77                               | 6491.22                               | -23.45        |
|         |         |           |             | 12/2/2014  | 4718              | 6466.98                               | 6491.21                               | -24.23        |
|         |         |           |             | 12/13/2016 | 5460              | 6484.11                               | 6497.94                               | -13.83        |
|         |         |           |             | 12/20/2016 | 5468              | 6481.43                               | 6497.94                               | -16.51        |
|         |         |           |             | 12/6/2017  | 5818              | 6466.36                               | 6494.59                               | -28.23        |
|         |         |           |             | 12/27/2018 | 6204              | 6490.20                               | 6497.46                               | -7.26         |
|         |         |           |             | 12/19/2019 | 6561              | 6493.37                               | 6494.70                               | -1.33         |
|         |         |           |             | 6/7/2014   | 4540              | 6501.27                               | 6498.01                               | 3.26          |
|         |         |           |             | 10/8/2014  | 4663              | 6503.04                               | 6497.79                               | 5.25          |
|         |         |           |             | 10/10/2014 | 4665              | 6502.44                               | 6497.79                               | 4.65          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| Y25        | 489,442 | 1,534,798 | 6           | 11/6/2014  | 4692              | 6500.71                               | 6497.77                               | 2.94          |
|            |         |           |             | 11/14/2014 | 4700              | 6500.80                               | 6497.76                               | 3.04          |
|            |         |           |             | 12/2/2014  | 4718              | 6500.29                               | 6497.75                               | 2.54          |
|            |         |           |             | 12/13/2016 | 5460              | 6502.29                               | 6503.72                               | -1.43         |
|            |         |           |             | 12/6/2017  | 5818              | 6498.87                               | 6500.53                               | -1.66         |
|            |         |           |             | 12/27/2018 | 6204              | 6493.46                               | 6502.76                               | -9.30         |
|            |         |           |             | 12/19/2019 | 6561              | 6499.34                               | 6499.62                               | -0.28         |
| Y3         | 489,440 | 1,535,660 | 6           | 12/21/2013 | 4372              | 6490.99                               | 6495.66                               | -4.67         |
|            |         |           |             | 10/8/2014  | 4663              | 6482.87                               | 6491.21                               | -8.34         |
|            |         |           |             | 10/10/2014 | 4665              | 6482.95                               | 6491.21                               | -8.26         |
|            |         |           |             | 10/14/2014 | 4669              | 6480.66                               | 6491.21                               | -10.55        |
|            |         |           |             | 10/16/2014 | 4671              | 6479.82                               | 6491.21                               | -11.39        |
|            |         |           |             | 10/18/2014 | 4673              | 6479.19                               | 6491.21                               | -12.02        |
|            |         |           |             | 11/6/2014  | 4692              | 6477.71                               | 6491.20                               | -13.49        |
|            |         |           |             | 11/14/2014 | 4700              | 6477.37                               | 6491.20                               | -13.83        |
|            |         |           |             | 12/2/2014  | 4718              | 6476.60                               | 6491.19                               | -14.59        |
|            |         |           |             | 12/2/2015  | 5083              | 6492.63                               | 6496.15                               | -3.52         |
|            |         |           |             | 12/13/2016 | 5460              | 6487.60                               | 6497.86                               | -10.26        |
|            |         |           |             | 12/6/2017  | 5818              | 6478.93                               | 6494.69                               | -15.76        |
|            |         |           |             | 12/27/2018 | 6204              | 6492.10                               | 6497.36                               | -5.26         |
| 12/19/2019 | 6561    | 6495.56   | 6494.54     | 1.02       |                   |                                       |                                       |               |
| Y30        | 488,865 | 1,534,752 | 6           | 12/20/2013 | 4371              | 6498.44                               | 6503.94                               | -5.50         |
|            |         |           |             | 10/8/2014  | 4663              | 6499.25                               | 6500.80                               | -1.55         |
|            |         |           |             | 10/10/2014 | 4665              | 6498.95                               | 6500.79                               | -1.84         |
|            |         |           |             | 10/14/2014 | 4669              | 6498.14                               | 6500.79                               | -2.65         |
|            |         |           |             | 10/16/2014 | 4671              | 6497.07                               | 6500.78                               | -3.71         |
|            |         |           |             | 10/18/2014 | 4673              | 6496.58                               | 6500.78                               | -4.20         |
|            |         |           |             | 11/6/2014  | 4692              | 6496.72                               | 6500.75                               | -4.03         |
|            |         |           |             | 11/14/2014 | 4700              | 6496.97                               | 6500.74                               | -3.77         |
|            |         |           |             | 12/2/2014  | 4718              | 6497.18                               | 6500.71                               | -3.53         |
|            |         |           |             | 12/13/2016 | 5460              | 6497.40                               | 6507.41                               | -10.01        |
|            |         |           |             | 12/6/2017  | 5818              | 6497.20                               | 6503.78                               | -6.58         |
|            |         |           |             | 12/27/2018 | 6204              | 6499.75                               | 6506.58                               | -6.83         |
|            |         |           |             | 12/19/2019 | 6561              | 6496.57                               | 6503.20                               | -6.63         |
|            |         |           |             | 3/29/2002  | 88                | 6473.02                               | 6454.84                               | 18.18         |
|            |         |           |             | 6/27/2002  | 178               | 6471.03                               | 6454.75                               | 16.28         |
|            |         |           |             | 12/13/2002 | 346               | 6469.38                               | 6454.60                               | 14.78         |
|            |         |           |             | 1/3/2003   | 368               | 6469.08                               | 6453.95                               | 15.13         |
|            |         |           |             | 7/17/2003  | 563               | 6461.14                               | 6451.86                               | 9.28          |
|            |         |           |             | 12/24/2003 | 722               | 6459.88                               | 6451.48                               | 8.40          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW26       | 489,593 | 1,534,116 | 8           | 5/28/2004  | 879               | 6454.53                               | 6453.19                               | 1.34          |
|            |         |           |             | 12/15/2004 | 1079              | 6457.99                               | 6453.40                               | 4.59          |
|            |         |           |             | 12/2/2005  | 1431              | 6457.31                               | 6451.83                               | 5.48          |
|            |         |           |             | 12/13/2005 | 1443              | 6457.75                               | 6451.84                               | 5.91          |
|            |         |           |             | 11/23/2006 | 1788              | 6457.13                               | 6452.65                               | 4.48          |
|            |         |           |             | 11/14/2007 | 2143              | 6453.11                               | 6454.26                               | -1.15         |
|            |         |           |             | 11/20/2007 | 2149              | 6453.28                               | 6454.27                               | -0.99         |
|            |         |           |             | 10/15/2008 | 2479              | 6444.63                               | 6452.65                               | -8.02         |
|            |         |           |             | 12/5/2008  | 2531              | 6453.41                               | 6452.56                               | 0.85          |
|            |         |           |             | 12/15/2009 | 2906              | 6452.27                               | 6452.96                               | -0.69         |
|            |         |           |             | 12/16/2010 | 3271              | 6458.52                               | 6456.16                               | 2.36          |
|            |         |           |             | 12/8/2011  | 3628              | 6463.25                               | 6457.51                               | 5.74          |
|            |         |           |             | 11/14/2012 | 3970              | 6466.39                               | 6458.37                               | 8.02          |
| 12/12/2013 | 4364    | 6469.83   | 6459.83     | 10.00      |                   |                                       |                                       |               |
| CW29       | 487,435 | 1,534,551 | 8           | 6/25/2002  | 176               | 6469.14                               | 6449.79                               | 19.35         |
|            |         |           |             | 12/13/2002 | 346               | 6467.38                               | 6449.69                               | 17.69         |
|            |         |           |             | 4/19/2011  | 3396              | 6461.16                               | 6461.03                               | 0.13          |
|            |         |           |             | 7/19/2011  | 3487              | 6462.21                               | 6461.73                               | 0.48          |
|            |         |           |             | 12/6/2011  | 3627              | 6463.28                               | 6462.61                               | 0.67          |
|            |         |           |             | 5/23/2012  | 3795              | 6464.62                               | 6463.63                               | 0.99          |
|            |         |           |             | 11/14/2012 | 3971              | 6466.37                               | 6464.46                               | 1.91          |
|            |         |           |             | 3/20/2013  | 4097              | 6466.41                               | 6464.58                               | 1.83          |
|            |         |           |             | 6/18/2013  | 4187              | 6466.52                               | 6465.13                               | 1.39          |
|            |         |           |             | 12/12/2013 | 4363              | 6468.69                               | 6466.07                               | 2.62          |
|            |         |           |             | 8/20/2015  | 4979              | 6475.02                               | 6468.33                               | 6.69          |
|            |         |           |             | 12/2/2015  | 5083              | 6475.48                               | 6468.88                               | 6.60          |
|            |         |           |             | 5/7/2016   | 5240              | 6474.74                               | 6468.41                               | 6.33          |
|            |         |           |             | 12/13/2016 | 5460              | 6473.99                               | 6468.36                               | 5.63          |
|            |         |           |             | 3/21/2017  | 5559              | 6475.02                               | 6468.70                               | 6.32          |
|            |         |           |             | 12/6/2017  | 5818              | 6473.96                               | 6468.14                               | 5.82          |
|            |         |           |             | 8/2/2018   | 6057              | 6475.57                               | 6467.59                               | 7.98          |
|            |         |           |             | 12/27/2018 | 6204              | 6475.32                               | 6467.74                               | 7.58          |
|            |         |           |             | 1/29/2019  | 6237              | 6475.27                               | 6468.20                               | 7.07          |
|            |         |           |             | 2/26/2019  | 6265              | 6475.11                               | 6468.14                               | 6.97          |
| 3/26/2019  | 6293    | 6474.90   | 6468.07     | 6.83       |                   |                                       |                                       |               |
| 8/21/2019  | 6441    | 6476.02   | 6467.71     | 8.31       |                   |                                       |                                       |               |
| 8/27/2019  | 6447    | 6474.04   | 6467.69     | 6.35       |                   |                                       |                                       |               |
| 12/18/2019 | 6560    | 6473.75   | 6467.40     | 6.35       |                   |                                       |                                       |               |
|            |         |           |             | 6/27/2002  | 177               | 6474.62                               | 6475.01                               | -0.39         |
|            |         |           |             | 12/13/2002 | 346               | 6474.44                               | 6474.91                               | -0.47         |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW31    | 482,738 | 1,540,689 | 8           | 7/22/2003  | 567               | 6473.73                               | 6474.64                               | -0.91         |
|         |         |           |             | 12/24/2003 | 723               | 6473.66                               | 6474.47                               | -0.81         |
|         |         |           |             | 5/28/2004  | 879               | 6473.54                               | 6474.12                               | -0.58         |
|         |         |           |             | 12/15/2004 | 1080              | 6473.03                               | 6473.75                               | -0.72         |
|         |         |           |             | 12/14/2005 | 1443              | 6472.40                               | 6474.14                               | -1.74         |
|         |         |           |             | 11/15/2006 | 1780              | 6471.75                               | 6474.27                               | -2.52         |
|         |         |           |             | 5/10/2007  | 1955              | 6471.45                               | 6474.25                               | -2.80         |
|         |         |           |             | 11/14/2007 | 2144              | 6470.65                               | 6474.15                               | -3.50         |
|         |         |           |             | 10/15/2008 | 2479              | 6470.50                               | 6473.82                               | -3.32         |
|         |         |           |             | 12/5/2008  | 2530              | 6470.16                               | 6473.77                               | -3.61         |
|         |         |           |             | 10/8/2009  | 2838              | 6470.26                               | 6473.59                               | -3.33         |
|         |         |           |             | 12/15/2009 | 2906              | 6470.35                               | 6473.55                               | -3.20         |
|         |         |           |             | 12/16/2010 | 3272              | 6470.96                               | 6474.02                               | -3.06         |
|         |         |           |             | 11/2/2011  | 3592              | 6471.06                               | 6473.64                               | -2.58         |
|         |         |           |             | 10/24/2012 | 3949              | 6471.15                               | 6473.35                               | -2.20         |
|         |         |           |             | 11/16/2012 | 3972              | 6471.11                               | 6473.34                               | -2.23         |
|         |         |           |             | 12/4/2013  | 4356              | 6472.26                               | 6473.74                               | -1.48         |
|         |         |           |             | 12/12/2013 | 4364              | 6472.29                               | 6473.76                               | -1.47         |
|         |         |           |             | 10/2/2014  | 4657              | 6472.79                               | 6474.28                               | -1.49         |
|         |         |           |             | 7/3/2015   | 4931              | 6473.24                               | 6474.94                               | -1.70         |
|         |         |           |             | 12/2/2015  | 5083              | 6473.81                               | 6475.42                               | -1.61         |
|         |         |           |             | 12/14/2016 | 5461              | 6473.16                               | 6475.81                               | -2.65         |
|         |         |           |             | 12/21/2016 | 5468              | 6473.18                               | 6475.82                               | -2.64         |
|         |         |           |             | 6/30/2017  | 5659              | 6472.91                               | 6475.16                               | -2.25         |
|         |         |           |             | 12/6/2017  | 5818              | 6472.93                               | 6474.76                               | -1.83         |
|         |         |           |             | 6/21/2018  | 6016              | 6474.70                               | 6474.75                               | -0.05         |
|         |         |           |             | 12/27/2018 | 6204              | 6474.74                               | 6474.68                               | 0.06          |
|         |         |           |             | 12/19/2019 | 6561              | 6474.23                               | 6474.15                               | 0.08          |
|         |         |           |             | 6/27/2002  | 177               | 6444.77                               | 6475.94                               | -31.17        |
|         |         |           |             | 12/13/2002 | 346               | 6444.75                               | 6475.83                               | -31.08        |
|         |         |           |             | 7/22/2003  | 567               | 6439.49                               | 6475.57                               | -36.08        |
|         |         |           |             | 12/24/2003 | 722               | 6444.43                               | 6475.38                               | -30.95        |
|         |         |           |             | 5/28/2004  | 879               | 6437.37                               | 6475.03                               | -37.66        |
|         |         |           |             | 12/15/2004 | 1080              | 6436.45                               | 6474.67                               | -38.22        |
|         |         |           |             | 12/3/2005  | 1432              | 6434.57                               | 6474.96                               | -40.39        |
|         |         |           |             | 12/14/2005 | 1443              | 6434.84                               | 6474.97                               | -40.13        |
|         |         |           |             | 11/15/2006 | 1779              | 6432.04                               | 6475.21                               | -43.17        |
|         |         |           |             | 11/14/2007 | 2144              | 6428.78                               | 6475.29                               | -46.51        |
|         |         |           |             | 10/14/2008 | 2479              | 6425.54                               | 6474.83                               | -49.29        |
|         |         |           |             | 12/5/2008  | 2530              | 6425.48                               | 6474.76                               | -49.28        |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW32      | 483,523 | 1,543,413 | 8           | 10/15/2009 | 2845              | 6423.06                               | 6474.45                               | -51.39        |
|           |         |           |             | 12/15/2009 | 2906              | 6424.07                               | 6474.38                               | -50.31        |
|           |         |           |             | 10/9/2010  | 3204              | 6422.40                               | 6474.55                               | -52.15        |
|           |         |           |             | 12/16/2010 | 3272              | 6424.38                               | 6474.56                               | -50.18        |
|           |         |           |             | 10/14/2011 | 3574              | 6421.72                               | 6473.93                               | -52.21        |
|           |         |           |             | 10/24/2012 | 3950              | 6420.00                               | 6473.34                               | -53.34        |
|           |         |           |             | 11/16/2012 | 3973              | 6420.43                               | 6473.30                               | -52.87        |
|           |         |           |             | 12/4/2013  | 4355              | 6420.08                               | 6473.46                               | -53.38        |
|           |         |           |             | 12/12/2013 | 4364              | 6420.10                               | 6473.48                               | -53.38        |
|           |         |           |             | 10/2/2014  | 4657              | 6417.58                               | 6473.47                               | -55.89        |
|           |         |           |             | 7/3/2015   | 4931              | 6416.06                               | 6473.56                               | -57.50        |
|           |         |           |             | 12/2/2015  | 5083              | 6417.48                               | 6473.86                               | -56.38        |
|           |         |           |             | 12/14/2016 | 5461              | 6417.58                               | 6473.99                               | -56.41        |
|           |         |           |             | 12/21/2016 | 5468              | 6418.07                               | 6473.99                               | -55.92        |
|           |         |           |             | 6/30/2017  | 5660              | 6417.18                               | 6473.54                               | -56.36        |
|           |         |           |             | 12/6/2017  | 5818              | 6418.28                               | 6473.17                               | -54.89        |
|           |         |           |             | 7/13/2018  | 6037              | 6417.61                               | 6472.96                               | -55.35        |
|           |         |           |             | 12/27/2018 | 6204              | 6419.64                               | 6472.79                               | -53.15        |
|           |         |           |             | 7/31/2019  | 6421              | 6417.90                               | 6472.48                               | -54.58        |
|           |         |           |             | 12/19/2019 | 6561              | 6419.59                               | 6472.22                               | -52.63        |
| CW33      | 486,347 | 1,543,814 | 8           | 6/27/2002  | 177               | 6466.91                               | 6475.76                               | -8.85         |
|           |         |           |             | 12/13/2002 | 346               | 6467.05                               | 6475.64                               | -8.59         |
|           |         |           |             | 7/22/2003  | 567               | 6466.85                               | 6475.35                               | -8.50         |
|           |         |           |             | 12/24/2003 | 722               | 6466.88                               | 6475.14                               | -8.26         |
|           |         |           |             | 5/28/2004  | 879               | 6467.04                               | 6474.74                               | -7.70         |
|           |         |           |             | 12/15/2004 | 1080              | 6466.91                               | 6474.38                               | -7.47         |
|           |         |           |             | 12/3/2005  | 1432              | 6467.09                               | 6474.13                               | -7.04         |
|           |         |           |             | 12/14/2005 | 1444              | 6466.69                               | 6474.13                               | -7.44         |
|           |         |           |             | 11/16/2006 | 1780              | 6466.99                               | 6473.88                               | -6.89         |
|           |         |           |             | 11/14/2007 | 2144              | 6467.09                               | 6473.81                               | -6.72         |
|           |         |           |             | 10/14/2008 | 2479              | 6467.09                               | 6473.03                               | -5.94         |
|           |         |           |             | 12/5/2008  | 2530              | 6466.99                               | 6472.93                               | -5.94         |
|           |         |           |             | 10/15/2009 | 2845              | 6467.18                               | 6472.52                               | -5.34         |
|           |         |           |             | 12/15/2009 | 2906              | 6467.18                               | 6472.42                               | -5.24         |
|           |         |           |             | 10/19/2010 | 3214              | 6467.33                               | 6472.60                               | -5.27         |
|           |         |           |             | 12/16/2010 | 3272              | 6467.24                               | 6472.60                               | -5.36         |
|           |         |           |             | 10/14/2011 | 3574              | 6467.32                               | 6471.97                               | -4.65         |
|           |         |           |             | 12/12/2013 | 4364              | 6467.75                               | 6471.54                               | -3.79         |
| 7/2/2015  | 4931    | 6467.59   | 6471.42     | -3.83      |                   |                                       |                                       |               |
| 12/2/2015 | 5083    | 6467.39   | 6471.66     | -4.27      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/14/2016 | 5461              | 6467.34                               | 6471.64                               | -4.30         |
|            |         |           |             | 12/6/2017  | 5818              | 6467.24                               | 6471.00                               | -3.76         |
|            |         |           |             | 6/21/2018  | 6015              | 6468.91                               | 6470.79                               | -1.88         |
|            |         |           |             | 12/27/2018 | 6204              | 6468.75                               | 6470.59                               | -1.84         |
|            |         |           |             | 10/3/2019  | 6485              | 6468.65                               | 6470.24                               | -1.59         |
|            |         |           |             | 12/19/2019 | 6561              | 6468.43                               | 6470.13                               | -1.70         |
| CW36       | 481,329 | 1,540,053 | 8           | 12/13/2002 | 346               | 6473.19                               | 6473.58                               | -0.39         |
|            |         |           |             | 7/18/2003  | 564               | 6472.75                               | 6473.38                               | -0.63         |
|            |         |           |             | 12/24/2003 | 723               | 6472.44                               | 6473.24                               | -0.80         |
|            |         |           |             | 7/29/2004  | 941               | 6472.11                               | 6472.87                               | -0.76         |
|            |         |           |             | 12/15/2004 | 1080              | 6471.78                               | 6472.66                               | -0.88         |
|            |         |           |             | 12/3/2005  | 1432              | 6471.25                               | 6473.00                               | -1.75         |
|            |         |           |             | 12/14/2005 | 1443              | 6471.18                               | 6473.01                               | -1.83         |
|            |         |           |             | 8/2/2006   | 1674              | 6470.78                               | 6473.08                               | -2.30         |
|            |         |           |             | 12/21/2006 | 1816              | 6470.44                               | 6473.13                               | -2.69         |
|            |         |           |             | 5/10/2007  | 1956              | 6469.95                               | 6473.11                               | -3.16         |
|            |         |           |             | 10/2/2007  | 2101              | 6469.29                               | 6473.06                               | -3.77         |
|            |         |           |             | 10/10/2007 | 2109              | 6469.19                               | 6473.06                               | -3.87         |
|            |         |           |             | 10/13/2007 | 2111              | 6469.19                               | 6473.05                               | -3.86         |
|            |         |           |             | 10/19/2007 | 2118              | 6469.19                               | 6473.05                               | -3.86         |
|            |         |           |             | 10/23/2007 | 2121              | 6469.09                               | 6473.05                               | -3.96         |
|            |         |           |             | 10/26/2007 | 2125              | 6469.19                               | 6473.05                               | -3.86         |
|            |         |           |             | 10/31/2007 | 2130              | 6469.19                               | 6473.05                               | -3.86         |
|            |         |           |             | 11/14/2007 | 2144              | 6469.21                               | 6473.04                               | -3.83         |
|            |         |           |             | 11/16/2007 | 2146              | 6469.09                               | 6473.04                               | -3.95         |
|            |         |           |             | 12/6/2007  | 2166              | 6469.29                               | 6473.03                               | -3.74         |
|            |         |           |             | 10/15/2008 | 2479              | 6469.07                               | 6472.81                               | -3.74         |
|            |         |           |             | 12/5/2008  | 2530              | 6468.74                               | 6472.77                               | -4.03         |
|            |         |           |             | 10/14/2009 | 2844              | 6468.72                               | 6472.65                               | -3.93         |
|            |         |           |             | 12/10/2009 | 2901              | 6468.81                               | 6472.63                               | -3.82         |
|            |         |           |             | 12/14/2010 | 3270              | 6469.62                               | 6473.10                               | -3.48         |
|            |         |           |             | 12/16/2010 | 3272              | 6469.49                               | 6473.11                               | -3.62         |
|            |         |           |             | 11/2/2011  | 3593              | 6469.58                               | 6472.88                               | -3.30         |
|            |         |           |             | 10/24/2012 | 3949              | 6469.75                               | 6472.69                               | -2.94         |
|            |         |           |             | 11/16/2012 | 3972              | 6469.70                               | 6472.68                               | -2.98         |
|            |         |           |             | 12/12/2013 | 4364              | 6470.94                               | 6473.07                               | -2.13         |
|            |         |           |             | 7/18/2015  | 4946              | 6472.15                               | 6474.48                               | -2.33         |
|            |         |           |             | 12/2/2015  | 5083              | 6472.44                               | 6474.94                               | -2.50         |
| 12/14/2016 | 5461    | 6469.79   | 6475.40     | -5.61      |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6471.54   | 6474.55     | -3.01      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 7/17/2018  | 6041              | 6473.75                               | 6474.53                               | -0.78         |
|         |         |          |             | 12/27/2018 | 6204              | 6474.05                               | 6474.48                               | -0.43         |
|         |         |          |             | 7/16/2019  | 6406              | 6473.70                               | 6474.25                               | -0.55         |
|         |         |          |             | 12/19/2019 | 6561              | 6473.64                               | 6474.01                               | -0.37         |
|         |         |          |             | 7/2/2002   | 183               | 6488.87                               | 6455.24                               | 33.63         |
|         |         |          |             | 12/13/2002 | 346               | 6489.41                               | 6455.09                               | 34.32         |
|         |         |          |             | 7/15/2003  | 560               | 6488.26                               | 6453.00                               | 35.26         |
|         |         |          |             | 12/24/2003 | 723               | 6487.82                               | 6452.68                               | 35.14         |
|         |         |          |             | 5/28/2004  | 878               | 6487.36                               | 6453.96                               | 33.40         |
|         |         |          |             | 12/15/2004 | 1080              | 6486.83                               | 6454.15                               | 32.68         |
|         |         |          |             | 12/2/2005  | 1431              | 6486.17                               | 6453.05                               | 33.12         |
|         |         |          |             | 12/14/2005 | 1444              | 6486.17                               | 6453.07                               | 33.10         |
|         |         |          |             | 11/29/2006 | 1794              | 6485.53                               | 6453.03                               | 32.50         |
|         |         |          |             | 9/27/2007  | 2095              | 6484.94                               | 6455.02                               | 29.92         |
|         |         |          |             | 11/14/2007 | 2144              | 6484.97                               | 6455.12                               | 29.85         |
|         |         |          |             | 10/16/2008 | 2480              | 6484.84                               | 6453.44                               | 31.40         |
|         |         |          |             | 12/5/2008  | 2531              | 6485.16                               | 6453.35                               | 31.81         |
|         |         |          |             | 8/18/2009  | 2787              | 6485.04                               | 6454.28                               | 30.76         |
|         |         |          |             | 12/13/2009 | 2903              | 6488.94                               | 6454.28                               | 34.66         |
|         |         |          |             | 8/19/2010  | 3152              | 6486.07                               | 6457.37                               | 28.70         |
|         |         |          |             | 12/16/2010 | 3272              | 6486.02                               | 6457.77                               | 28.25         |
|         |         |          |             | 11/8/2011  | 3598              | 6485.98                               | 6458.27                               | 27.71         |
|         |         |          |             | 12/7/2011  | 3628              | 6485.97                               | 6458.33                               | 27.64         |
|         |         |          |             | 8/28/2012  | 3893              | 6485.99                               | 6459.36                               | 26.63         |
|         |         |          |             | 11/13/2012 | 3969              | 6486.05                               | 6459.52                               | 26.53         |
|         |         |          |             | 12/12/2013 | 4363              | 6486.32                               | 6461.73                               | 24.59         |
|         |         |          |             | 10/2/2014  | 4658              | 6486.97                               | 6462.09                               | 24.88         |
|         |         |          |             | 7/1/2015   | 4929              | 6487.50                               | 6462.75                               | 24.75         |
|         |         |          |             | 12/2/2015  | 5083              | 6487.08                               | 6463.29                               | 23.79         |
|         |         |          |             | 10/9/2016  | 5396              | 6487.79                               | 6463.78                               | 24.01         |
|         |         |          |             | 12/14/2016 | 5461              | 6487.82                               | 6463.83                               | 23.99         |
|         |         |          |             | 6/30/2017  | 5660              | 6487.67                               | 6463.49                               | 24.18         |
|         |         |          |             | 12/6/2017  | 5818              | 6487.71                               | 6463.30                               | 24.41         |
|         |         |          |             | 6/15/2018  | 6009              | 6488.85                               | 6463.48                               | 25.37         |
|         |         |          |             | 12/27/2018 | 6204              | 6488.87                               | 6463.63                               | 25.24         |
|         |         |          |             | 10/4/2019  | 6485              | 6488.68                               | 6463.16                               | 25.52         |
|         |         |          |             | 12/18/2019 | 6560              | 6488.65                               | 6463.07                               | 25.58         |
|         |         |          |             | 12/13/2002 | 346               | 6484.09                               | 6473.07                               | 11.02         |
|         |         |          |             | 7/15/2003  | 561               | 6484.31                               | 6472.94                               | 11.37         |
|         |         |          |             | 12/24/2003 | 723               | 6485.43                               | 6472.83                               | 12.60         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| CW39       | 483,754 | 1,537,260 | 8           | 8/5/2004   | 948               | 6482.09                               | 6472.66                               | 9.43          |
|            |         |           |             | 12/15/2004 | 1080              | 6481.41                               | 6472.55                               | 8.86          |
|            |         |           |             | 12/2/2005  | 1431              | 6481.65                               | 6472.33                               | 9.32          |
|            |         |           |             | 12/15/2005 | 1445              | 6481.72                               | 6472.33                               | 9.39          |
|            |         |           |             | 11/29/2006 | 1794              | 6480.48                               | 6472.18                               | 8.30          |
|            |         |           |             | 8/21/2007  | 2058              | 6480.19                               | 6472.06                               | 8.13          |
|            |         |           |             | 11/14/2007 | 2144              | 6480.11                               | 6472.02                               | 8.09          |
|            |         |           |             | 10/16/2008 | 2480              | 6481.10                               | 6471.73                               | 9.37          |
|            |         |           |             | 12/5/2008  | 2531              | 6480.63                               | 6471.68                               | 8.95          |
|            |         |           |             | 8/18/2009  | 2787              | 6481.57                               | 6471.48                               | 10.09         |
|            |         |           |             | 12/13/2009 | 2903              | 6486.43                               | 6471.40                               | 15.03         |
|            |         |           |             | 12/16/2010 | 3272              | 6484.16                               | 6471.47                               | 12.69         |
| CW41       | 488,583 | 1,533,174 | 8           | 12/13/2002 | 346               | 6467.91                               | 6449.97                               | 17.94         |
|            |         |           |             | 7/15/2003  | 561               | 6459.78                               | 6445.23                               | 14.55         |
|            |         |           |             | 12/24/2003 | 723               | 6468.26                               | 6444.70                               | 23.56         |
|            |         |           |             | 8/5/2004   | 948               | 6453.88                               | 6449.10                               | 4.78          |
|            |         |           |             | 12/15/2004 | 1080              | 6456.95                               | 6449.73                               | 7.22          |
|            |         |           |             | 12/2/2005  | 1431              | 6456.16                               | 6447.07                               | 9.09          |
|            |         |           |             | 12/14/2005 | 1444              | 6456.74                               | 6447.11                               | 9.63          |
|            |         |           |             | 8/17/2006  | 1690              | 6450.01                               | 6449.36                               | 0.65          |
|            |         |           |             | 12/19/2006 | 1814              | 6456.51                               | 6449.28                               | 7.23          |
|            |         |           |             | 9/26/2007  | 2094              | 6449.40                               | 6450.06                               | -0.66         |
|            |         |           |             | 11/14/2007 | 2144              | 6451.89                               | 6450.20                               | 1.69          |
|            |         |           |             | 10/15/2008 | 2480              | 6442.81                               | 6448.18                               | -5.37         |
|            |         |           |             | 12/5/2008  | 2531              | 6452.31                               | 6448.12                               | 4.19          |
|            |         |           |             | 8/20/2009  | 2788              | 6450.07                               | 6450.07                               | 0.00          |
|            |         |           |             | 12/11/2009 | 2901              | 6451.68                               | 6450.22                               | 1.46          |
|            |         |           |             | 9/22/2010  | 3187              | 6451.93                               | 6454.96                               | -3.03         |
|            |         |           |             | 12/16/2010 | 3271              | 6457.46                               | 6455.42                               | 2.04          |
|            |         |           |             | 12/6/2011  | 3627              | 6462.06                               | 6458.87                               | 3.19          |
|            |         |           |             | 10/23/2012 | 3949              | 6464.60                               | 6460.35                               | 4.25          |
|            |         |           |             | 11/14/2012 | 3970              | 6454.91                               | 6460.43                               | -5.52         |
|            |         |           |             | 11/20/2013 | 4341              | 6467.71                               | 6462.18                               | 5.53          |
|            |         |           |             | 12/12/2013 | 4363              | 6467.87                               | 6462.28                               | 5.59          |
|            |         |           |             | 10/2/2014  | 4658              | 6471.99                               | 6462.80                               | 9.19          |
| 7/21/2015  | 4949    | 6475.94   | 6463.56     | 12.38      |                   |                                       |                                       |               |
| 12/2/2015  | 5083    | 6477.00   | 6464.16     | 12.84      |                   |                                       |                                       |               |
| 8/10/2016  | 5336    | 6478.02   | 6464.21     | 13.81      |                   |                                       |                                       |               |
| 12/13/2016 | 5460    | 6477.91   | 6464.25     | 13.66      |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6476.93   | 6463.81     | 13.12      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 7/11/2018  | 6035              | 6475.89                               | 6463.71                               | 12.18         |
|            |         |           |             | 12/27/2018 | 6204              | 6477.21                               | 6463.83                               | 13.38         |
|            |         |           |             | 7/25/2019  | 6415              | 6475.67                               | 6463.58                               | 12.09         |
|            |         |           |             | 12/18/2019 | 6560              | 6475.22                               | 6463.32                               | 11.90         |
| CW42       | 487,177 | 1,533,169 | 8           | 10/3/2002  | 276               | 6470.78                               | 6446.88                               | 23.90         |
|            |         |           |             | 12/13/2002 | 346               | 6470.76                               | 6446.85                               | 23.91         |
|            |         |           |             | 7/18/2003  | 563               | 6465.98                               | 6442.04                               | 23.94         |
|            |         |           |             | 12/24/2003 | 723               | 6464.83                               | 6441.41                               | 23.42         |
|            |         |           |             | 8/5/2004   | 948               | 6461.98                               | 6446.38                               | 15.60         |
|            |         |           |             | 12/15/2004 | 1080              | 6463.33                               | 6447.54                               | 15.79         |
|            |         |           |             | 2/22/2005  | 1149              | 6464.99                               | 6444.88                               | 20.11         |
|            |         |           |             | 12/2/2005  | 1431              | 6463.22                               | 6446.55                               | 16.67         |
|            |         |           |             | 12/14/2005 | 1444              | 6463.58                               | 6446.63                               | 16.95         |
|            |         |           |             | 8/17/2006  | 1690              | 6460.14                               | 6449.49                               | 10.65         |
|            |         |           |             | 12/19/2006 | 1814              | 6462.78                               | 6449.39                               | 13.39         |
|            |         |           |             | 11/14/2007 | 2144              | 6461.38                               | 6449.12                               | 12.26         |
|            |         |           |             | 4/1/2008   | 2283              | 6463.28                               | 6446.78                               | 16.50         |
|            |         |           |             | 12/5/2008  | 2531              | 6461.18                               | 6446.47                               | 14.71         |
|            |         |           |             | 12/11/2009 | 2901              | 6459.53                               | 6450.15                               | 9.38          |
|            |         |           |             | 5/26/2010  | 3068              | 6463.75                               | 6456.51                               | 7.24          |
|            |         |           |             | 12/16/2010 | 3271              | 6464.82                               | 6458.31                               | 6.51          |
|            |         |           |             | 3/1/2011   | 3347              | 6465.92                               | 6460.50                               | 5.42          |
|            |         |           |             | 7/19/2011  | 3487              | 6467.49                               | 6462.06                               | 5.43          |
|            |         |           |             | 12/6/2011  | 3627              | 6468.68                               | 6463.21                               | 5.47          |
|            |         |           |             | 5/23/2012  | 3796              | 6469.60                               | 6464.42                               | 5.18          |
|            |         |           |             | 11/14/2012 | 3971              | 6471.13                               | 6465.46                               | 5.67          |
|            |         |           |             | 6/18/2013  | 4187              | 6471.86                               | 6466.92                               | 4.94          |
|            |         |           |             | 11/15/2013 | 4337              | 6473.53                               | 6467.86                               | 5.67          |
|            |         |           |             | 12/12/2013 | 4363              | 6473.84                               | 6468.02                               | 5.82          |
|            |         |           |             | 10/11/2014 | 4667              | 6478.19                               | 6468.66                               | 9.53          |
|            |         |           |             | 8/19/2015  | 4979              | 6481.46                               | 6469.65                               | 11.81         |
|            |         |           |             | 12/2/2015  | 5083              | 6478.80                               | 6470.27                               | 8.53          |
|            |         |           |             | 8/10/2016  | 5336              | 6482.16                               | 6470.15                               | 12.01         |
|            |         |           |             | 8/25/2016  | 5351              | 6482.58                               | 6470.14                               | 12.44         |
|            |         |           |             | 12/13/2016 | 5460              | 6481.68                               | 6470.11                               | 11.57         |
|            |         |           |             | 3/22/2017  | 5559              | 6482.08                               | 6470.02                               | 12.06         |
| 8/15/2017  | 5705    | 6481.88   | 6469.68     | 12.20      |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6481.45   | 6469.42     | 12.03      |                   |                                       |                                       |               |
| 7/11/2018  | 6036    | 6479.63   | 6469.13     | 10.50      |                   |                                       |                                       |               |
| 12/27/2018 | 6204    | 6479.38   | 6469.27     | 10.11      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 7/26/2019  | 6415              | 6478.76                               | 6468.88                               | 9.88          |
|         |         |          |             | 12/18/2019 | 6560              | 6477.83                               | 6468.47                               | 9.36          |
|         |         |          |             | 10/3/2002  | 276               | 6479.68                               | 6469.98                               | 9.70          |
|         |         |          |             | 12/13/2002 | 346               | 6480.43                               | 6469.96                               | 10.47         |
|         |         |          |             | 7/18/2003  | 564               | 6478.88                               | 6469.85                               | 9.03          |
|         |         |          |             | 12/24/2003 | 722               | 6478.29                               | 6469.76                               | 8.53          |
|         |         |          |             | 8/5/2004   | 948               | 6477.85                               | 6469.60                               | 8.25          |
|         |         |          |             | 12/15/2004 | 1080              | 6477.49                               | 6469.50                               | 7.99          |
|         |         |          |             | 12/2/2005  | 1432              | 6476.79                               | 6469.32                               | 7.47          |
|         |         |          |             | 12/13/2005 | 1443              | 6476.79                               | 6469.31                               | 7.48          |
|         |         |          |             | 11/15/2006 | 1780              | 6476.17                               | 6469.20                               | 6.97          |
|         |         |          |             | 8/31/2007  | 2069              | 6475.79                               | 6469.08                               | 6.71          |
|         |         |          |             | 11/14/2007 | 2144              | 6475.74                               | 6469.05                               | 6.69          |
|         |         |          |             | 12/5/2008  | 2530              | 6476.84                               | 6468.72                               | 8.12          |
|         |         |          |             | 8/20/2009  | 2789              | 6475.93                               | 6468.52                               | 7.41          |
|         |         |          |             | 9/15/2010  | 3180              | 6477.52                               | 6468.48                               | 9.04          |
|         |         |          |             | 12/16/2010 | 3272              | 6477.42                               | 6468.51                               | 8.91          |
|         |         |          |             | 8/10/2011  | 3509              | 6477.19                               | 6468.48                               | 8.71          |
|         |         |          |             | 10/20/2012 | 3946              | 6476.97                               | 6468.37                               | 8.60          |
|         |         |          |             | 11/16/2012 | 3973              | 6476.93                               | 6468.36                               | 8.57          |
|         |         |          |             | 12/4/2013  | 4355              | 6477.35                               | 6468.46                               | 8.89          |
|         |         |          |             | 12/12/2013 | 4364              | 6477.37                               | 6468.47                               | 8.90          |
|         |         |          |             | 10/2/2014  | 4658              | 6478.91                               | 6468.64                               | 10.27         |
|         |         |          |             | 7/18/2015  | 4947              | 6479.19                               | 6469.02                               | 10.17         |
|         |         |          |             | 12/2/2015  | 5083              | 6479.39                               | 6469.42                               | 9.97          |
|         |         |          |             | 12/14/2016 | 5461              | 6478.99                               | 6470.01                               | 8.98          |
|         |         |          |             | 12/21/2016 | 5469              | 6478.99                               | 6470.02                               | 8.97          |
|         |         |          |             | 12/6/2017  | 5818              | 6478.49                               | 6470.35                               | 8.14          |
|         |         |          |             | 7/11/2018  | 6035              | 6480.11                               | 6470.52                               | 9.59          |
|         |         |          |             | 12/27/2018 | 6204              | 6480.08                               | 6470.64                               | 9.44          |
|         |         |          |             | 8/1/2019   | 6421              | 6479.89                               | 6470.80                               | 9.09          |
|         |         |          |             | 12/19/2019 | 6561              | 6479.78                               | 6470.84                               | 8.94          |
|         |         |          |             | 12/2/2015  | 5083              | 6474.42                               | 6476.44                               | -2.02         |
|         |         |          |             | 8/3/2016   | 5329              | 6475.20                               | 6476.05                               | -0.85         |
|         |         |          |             | 12/13/2016 | 5460              | 6475.79                               | 6475.92                               | -0.13         |
|         |         |          |             | 12/6/2017  | 5818              | 6475.42                               | 6474.88                               | 0.54          |
|         |         |          |             | 12/27/2018 | 6204              | 6475.85                               | 6474.70                               | 1.15          |
|         |         |          |             | 12/18/2019 | 6560              | 6474.34                               | 6473.47                               | 0.87          |
|         |         |          |             | 5/16/2015  | 4883              | 6474.47                               | 6477.99                               | -3.52         |
|         |         |          |             | 12/2/2015  | 5083              | 6475.92                               | 6479.37                               | -3.45         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| R67        | 486,129 | 1,533,041 | 8           | 12/13/2016 | 5460              | 6477.03                               | 6478.66                               | -1.63         |
|            |         |           |             | 12/6/2017  | 5818              | 6476.85                               | 6477.45                               | -0.60         |
|            |         |           |             | 12/27/2018 | 6204              | 6476.88                               | 6477.28                               | -0.40         |
|            |         |           |             | 12/18/2019 | 6560              | 6475.41                               | 6475.83                               | -0.42         |
| R68        | 485,819 | 1,533,025 | 8           | 4/9/2014   | 4481              | 6472.36                               | 6478.17                               | -5.81         |
|            |         |           |             | 10/11/2014 | 4667              | 6473.41                               | 6478.35                               | -4.94         |
| V1         | 486,940 | 1,534,527 | 8           | 12/13/2016 | 5460              | 6475.24                               | 6469.50                               | 5.74          |
|            |         |           |             | 8/23/2017  | 5713              | 6474.81                               | 6469.18                               | 5.63          |
|            |         |           |             | 10/4/2017  | 5756              | 6474.71                               | 6469.09                               | 5.62          |
|            |         |           |             | 12/6/2017  | 5818              | 6474.87                               | 6468.95                               | 5.92          |
|            |         |           |             | 1/10/2018  | 5853              | 6476.98                               | 6468.63                               | 8.35          |
|            |         |           |             | 1/30/2018  | 5873              | 6472.74                               | 6468.61                               | 4.13          |
|            |         |           |             | 12/27/2018 | 6204              | 6476.11                               | 6468.81                               | 7.30          |
| 12/18/2019 | 6560    | 6474.58   | 6468.14     | 6.44       |                   |                                       |                                       |               |
| V11        | 487,868 | 1,533,919 | 8           | 12/2/2015  | 5083              | 6476.68                               | 6467.83                               | 8.85          |
|            |         |           |             | 8/10/2016  | 5335              | 6477.54                               | 6467.69                               | 9.85          |
|            |         |           |             | 12/13/2016 | 5460              | 6477.51                               | 6467.69                               | 9.82          |
|            |         |           |             | 8/23/2017  | 5714              | 6476.60                               | 6467.36                               | 9.24          |
|            |         |           |             | 12/6/2017  | 5818              | 6476.64                               | 6467.15                               | 9.49          |
|            |         |           |             | 12/27/2018 | 6204              | 6477.65                               | 6467.11                               | 10.54         |
|            |         |           |             | 12/18/2019 | 6560              | 6475.77                               | 6466.46                               | 9.31          |
| V14        | 488,229 | 1,533,638 | 8           | 12/2/2015  | 5083              | 6473.65                               | 6466.33                               | 7.32          |
|            |         |           |             | 8/11/2016  | 5336              | 6476.26                               | 6466.29                               | 9.97          |
|            |         |           |             | 12/13/2016 | 5460              | 6476.23                               | 6466.30                               | 9.93          |
|            |         |           |             | 8/23/2017  | 5714              | 6475.19                               | 6465.98                               | 9.21          |
|            |         |           |             | 12/27/2018 | 6204              | 6476.29                               | 6465.80                               | 10.49         |
|            |         |           |             | 12/18/2019 | 6560              | 6474.32                               | 6465.19                               | 9.13          |
| V16        | 487,709 | 1,533,402 | 8           | 8/10/2016  | 5336              | 6477.55                               | 6467.66                               | 9.89          |
|            |         |           |             | 12/13/2016 | 5460              | 6477.58                               | 6467.66                               | 9.92          |
|            |         |           |             | 8/23/2017  | 5714              | 6476.78                               | 6467.30                               | 9.48          |
|            |         |           |             | 12/6/2017  | 5818              | 6476.83                               | 6467.09                               | 9.74          |
|            |         |           |             | 12/27/2018 | 6204              | 6477.78                               | 6467.02                               | 10.76         |
|            |         |           |             | 12/18/2019 | 6560              | 6475.86                               | 6466.35                               | 9.51          |
| V17        | 486,461 | 1,533,896 | 8           | 12/2/2015  | 5083              | 6473.39                               | 6472.15                               | 1.24          |
|            |         |           |             | 8/10/2016  | 5335              | 6475.37                               | 6471.92                               | 3.45          |
|            |         |           |             | 12/13/2016 | 5460              | 6475.80                               | 6471.86                               | 3.94          |
|            |         |           |             | 8/25/2017  | 5715              | 6475.35                               | 6471.36                               | 3.99          |
|            |         |           |             | 12/27/2018 | 6204              | 6476.05                               | 6470.96                               | 5.09          |
|            |         |           |             | 12/18/2019 | 6560              | 6474.63                               | 6470.06                               | 4.57          |
|            |         |           |             | 12/2/2015  | 5083              | 6475.56                               | 6469.84                               | 5.72          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| V18     | 487,241 | 1,533,819 | 8           | 8/10/2016  | 5335              | 6475.76                               | 6469.65                               | 6.11          |
|         |         |           |             | 12/13/2016 | 5460              | 6475.57                               | 6469.62                               | 5.95          |
|         |         |           |             | 8/25/2017  | 5715              | 6475.38                               | 6469.23                               | 6.15          |
|         |         |           |             | 12/6/2017  | 5818              | 6475.34                               | 6469.00                               | 6.34          |
|         |         |           |             | 12/27/2018 | 6204              | 6476.93                               | 6468.89                               | 8.04          |
|         |         |           |             | 12/18/2019 | 6560              | 6475.36                               | 6468.14                               | 7.22          |
| V2      | 486,618 | 1,534,339 | 8           | 12/13/2016 | 5460              | 6474.84                               | 6470.37                               | 4.47          |
|         |         |           |             | 8/23/2017  | 5713              | 6474.79                               | 6469.97                               | 4.82          |
|         |         |           |             | 12/6/2017  | 5818              | 6474.89                               | 6469.72                               | 5.17          |
|         |         |           |             | 12/27/2018 | 6204              | 6475.94                               | 6469.60                               | 6.34          |
|         |         |           |             | 12/18/2019 | 6560              | 6474.52                               | 6468.83                               | 5.69          |
| V6      | 485,710 | 1,534,156 | 8           | 8/23/2017  | 5713              | 6471.45                               | 6470.11                               | 1.34          |
|         |         |           |             | 12/6/2017  | 5818              | 6471.55                               | 6469.87                               | 1.68          |
|         |         |           |             | 7/11/2018  | 6035              | 6472.38                               | 6469.61                               | 2.77          |
|         |         |           |             | 7/30/2019  | 6420              | 6472.71                               | 6469.33                               | 3.38          |
|         |         |           |             | 12/18/2019 | 6560              | 6472.23                               | 6468.92                               | 3.31          |
| V7      | 487,436 | 1,534,208 | 8           | 12/2/2015  | 5083              | 6475.51                               | 6469.05                               | 6.46          |
|         |         |           |             | 8/6/2016   | 5332              | 6475.68                               | 6468.80                               | 6.88          |
|         |         |           |             | 12/13/2016 | 5460              | 6475.55                               | 6468.79                               | 6.76          |
|         |         |           |             | 8/23/2017  | 5714              | 6475.33                               | 6468.51                               | 6.82          |
|         |         |           |             | 12/6/2017  | 5818              | 6475.27                               | 6468.28                               | 6.99          |
|         |         |           |             | 12/27/2018 | 6204              | 6477.03                               | 6468.14                               | 8.89          |
|         |         |           |             | 12/18/2019 | 6560              | 6475.52                               | 6467.51                               | 8.01          |
| V8      | 486,945 | 1,534,183 | 8           | 8/6/2016   | 5332              | 6477.02                               | 6470.05                               | 6.97          |
|         |         |           |             | 8/23/2017  | 5714              | 6476.89                               | 6469.65                               | 7.24          |
|         |         |           |             | 12/6/2017  | 5818              | 6476.92                               | 6469.41                               | 7.51          |
|         |         |           |             | 12/27/2018 | 6204              | 6478.24                               | 6469.27                               | 8.97          |
|         |         |           |             | 12/18/2019 | 6560              | 6476.72                               | 6468.54                               | 8.18          |
| V9      | 488,140 | 1,534,298 | 8           | 12/2/2015  | 5083              | 6473.34                               | 6467.48                               | 5.86          |
|         |         |           |             | 8/6/2016   | 5331              | 6475.38                               | 6467.34                               | 8.04          |
|         |         |           |             | 12/13/2016 | 5460              | 6475.25                               | 6467.34                               | 7.91          |
|         |         |           |             | 8/23/2017  | 5714              | 6474.39                               | 6467.02                               | 7.37          |
|         |         |           |             | 12/6/2017  | 5818              | 6474.43                               | 6466.81                               | 7.62          |
|         |         |           |             | 12/27/2018 | 6204              | 6477.26                               | 6466.82                               | 10.44         |
|         |         |           |             | 12/18/2019 | 6560              | 6475.48                               | 6466.18                               | 9.30          |
| 534     | 476,549 | 1,534,589 | 11          | 12/19/2002 | 352               | 6453.67                               | 6441.63                               | 12.04         |
|         |         |           |             | 12/24/2003 | 722               | 6449.47                               | 6439.47                               | 10.00         |
|         |         |           |             | 12/15/2004 | 1080              | 6445.87                               | 6437.14                               | 8.73          |
|         |         |           |             | 12/5/2008  | 2531              | 6434.45                               | 6428.19                               | 6.26          |
|         |         |           |             | 12/13/2009 | 2903              | 6433.47                               | 6425.91                               | 7.56          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 12/17/2010 | 3272              | 6432.56                               | 6424.87                               | 7.69          |
| 535        | 478,450 | 1,530,100 | 11          | 12/19/2002 | 352               | 6444.12                               | 6437.47                               | 6.65          |
|            |         |           |             | 12/24/2003 | 722               | 6439.90                               | 6435.33                               | 4.57          |
|            |         |           |             | 12/15/2004 | 1080              | 6436.32                               | 6432.98                               | 3.34          |
|            |         |           |             | 11/14/2007 | 2144              | 6429.03                               | 6426.93                               | 2.10          |
|            |         |           |             | 12/5/2008  | 2531              | 6425.20                               | 6423.98                               | 1.22          |
|            |         |           |             | 12/18/2010 | 3273              | 6422.15                               | 6420.63                               | 1.52          |
| 907        | 480,800 | 1,534,250 | 11          | 3/5/2002   | 64                | 6451.94                               | 6440.58                               | 11.36         |
|            |         |           |             | 10/18/2002 | 290               | 6445.40                               | 6439.64                               | 5.76          |
|            |         |           |             | 12/19/2002 | 352               | 6447.50                               | 6439.45                               | 8.05          |
|            |         |           |             | 6/4/2003   | 520               | 6444.00                               | 6438.35                               | 5.65          |
|            |         |           |             | 10/28/2003 | 665               | 6442.32                               | 6437.56                               | 4.76          |
|            |         |           |             | 12/24/2003 | 722               | 6443.22                               | 6437.29                               | 5.93          |
|            |         |           |             | 3/4/2004   | 794               | 6443.60                               | 6436.74                               | 6.86          |
|            |         |           |             | 12/15/2004 | 1080              | 6439.42                               | 6434.91                               | 4.51          |
|            |         |           |             | 12/15/2004 | 1080              | 6439.36                               | 6434.91                               | 4.45          |
|            |         |           |             | 12/22/2004 | 1087              | 6439.42                               | 6434.88                               | 4.54          |
|            |         |           |             | 4/13/2005  | 1198              | 6438.16                               | 6434.18                               | 3.98          |
|            |         |           |             | 12/2/2005  | 1432              | 6437.30                               | 6433.03                               | 4.27          |
|            |         |           |             | 3/17/2006  | 1536              | 6435.60                               | 6432.53                               | 3.07          |
|            |         |           |             | 12/21/2006 | 1816              | 6435.70                               | 6431.13                               | 4.57          |
|            |         |           |             | 3/10/2007  | 1895              | 6435.10                               | 6430.59                               | 4.51          |
|            |         |           |             | 11/14/2007 | 2144              | 6432.37                               | 6428.90                               | 3.47          |
|            |         |           |             | 3/6/2008   | 2257              | 6432.44                               | 6428.04                               | 4.40          |
|            |         |           |             | 12/5/2008  | 2530              | 6428.70                               | 6425.96                               | 2.74          |
|            |         |           |             | 3/21/2009  | 2636              | 6426.45                               | 6425.24                               | 1.21          |
|            |         |           |             | 3/25/2009  | 2640              | 6428.55                               | 6425.21                               | 3.34          |
|            |         |           |             | 8/6/2009   | 2774              | 6428.19                               | 6424.38                               | 3.81          |
|            |         |           |             | 12/10/2009 | 2901              | 6426.40                               | 6423.72                               | 2.68          |
|            |         |           |             | 3/4/2010   | 2985              | 6425.97                               | 6423.42                               | 2.55          |
|            |         |           |             | 12/16/2010 | 3272              | 6426.90                               | 6422.66                               | 4.24          |
|            |         |           |             | 4/14/2011  | 3391              | 6425.70                               | 6422.22                               | 3.48          |
|            |         |           |             | 5/10/2012  | 3782              | 6424.60                               | 6420.76                               | 3.84          |
|            |         |           |             | 11/21/2012 | 3978              | 6418.18                               | 6420.09                               | -1.91         |
| 12/12/2013 | 4364    | 6423.85   | 6419.00     | 4.85       |                   |                                       |                                       |               |
| 12/2/2015  | 5083    | 6421.60   | 6417.52     | 4.08       |                   |                                       |                                       |               |
| 12/14/2016 | 5461    | 6421.45   | 6417.40     | 4.05       |                   |                                       |                                       |               |
| 12/6/2017  | 5818    | 6422.10   | 6416.35     | 5.75       |                   |                                       |                                       |               |
| 12/4/2018  | 6181    | 6420.91   | 6416.88     | 4.03       |                   |                                       |                                       |               |
|            |         |           |             | 3/5/2002   | 64                | 6450.88                               | 6440.78                               | 10.10         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 928        | 491,700 | 1,548,250 | 11          | 10/22/2002 | 295               | 6443.65                               | 6439.75                               | 3.90          |
|            |         |           |             | 12/19/2002 | 352               | 6444.75                               | 6439.57                               | 5.18          |
|            |         |           |             | 6/4/2003   | 520               | 6441.97                               | 6438.41                               | 3.56          |
|            |         |           |             | 10/28/2003 | 666               | 6439.71                               | 6437.63                               | 2.08          |
|            |         |           |             | 12/24/2003 | 722               | 6441.30                               | 6437.37                               | 3.93          |
|            |         |           |             | 3/4/2004   | 794               | 6441.70                               | 6436.78                               | 4.92          |
|            |         |           |             | 12/10/2004 | 1075              | 6437.65                               | 6434.96                               | 2.69          |
|            |         |           |             | 12/15/2004 | 1079              | 6437.57                               | 6434.93                               | 2.64          |
|            |         |           |             | 4/13/2005  | 1198              | 6437.18                               | 6434.13                               | 3.05          |
|            |         |           |             | 12/2/2005  | 1431              | 6435.55                               | 6433.02                               | 2.53          |
|            |         |           |             | 12/6/2005  | 1436              | 6435.65                               | 6433.00                               | 2.65          |
|            |         |           |             | 3/17/2006  | 1537              | 6434.97                               | 6432.39                               | 2.58          |
|            |         |           |             | 12/11/2006 | 1805              | 6433.55                               | 6431.01                               | 2.54          |
|            |         |           |             | 12/21/2006 | 1816              | 6433.66                               | 6430.97                               | 2.69          |
|            |         |           |             | 3/10/2007  | 1895              | 6434.55                               | 6430.54                               | 4.01          |
|            |         |           |             | 11/14/2007 | 2143              | 6431.09                               | 6428.86                               | 2.23          |
|            |         |           |             | 12/4/2007  | 2164              | 6430.89                               | 6428.75                               | 2.14          |
|            |         |           |             | 3/6/2008   | 2257              | 6432.05                               | 6427.96                               | 4.09          |
|            |         |           |             |            |                   |                                       |                                       | 3/2/2004      |
| 3/10/2004  | 800     | 6437.41   | 6433.11     |            |                   |                                       |                                       | 4.30          |
| 3/30/2004  | 819     | 6435.76   | 6432.95     |            |                   |                                       |                                       | 2.81          |
| 5/4/2004   | 855     | 6435.13   | 6432.67     |            |                   |                                       |                                       | 2.46          |
| 6/2/2004   | 883     | 6434.29   | 6432.43     |            |                   |                                       |                                       | 1.86          |
| 6/29/2004  | 911     | 6433.01   | 6432.27     |            |                   |                                       |                                       | 0.74          |
| 7/24/2004  | 935     | 6431.81   | 6432.13     |            |                   |                                       |                                       | -0.32         |
| 8/3/2004   | 945     | 6430.43   | 6432.07     |            |                   |                                       |                                       | -1.64         |
| 8/31/2004  | 974     | 6430.21   | 6431.91     |            |                   |                                       |                                       | -1.70         |
| 10/5/2004  | 1009    | 6430.33   | 6431.71     |            |                   |                                       |                                       | -1.38         |
| 11/2/2004  | 1036    | 6431.37   | 6431.55     |            |                   |                                       |                                       | -0.18         |
| 11/30/2004 | 1064    | 6431.40   | 6431.41     |            |                   |                                       |                                       | -0.01         |
| 12/9/2004  | 1073    | 6432.17   | 6431.36     |            |                   |                                       |                                       | 0.81          |
| 1/5/2005   | 1101    | 6431.99   | 6431.16     |            |                   |                                       |                                       | 0.83          |
| 2/1/2005   | 1128    | 6431.73   | 6430.93     |            |                   |                                       |                                       | 0.80          |
| 3/1/2005   | 1155    | 6435.81   | 6430.76     |            |                   |                                       |                                       | 5.05          |
| 4/5/2005   | 1191    | 6432.26   | 6430.54     |            |                   |                                       |                                       | 1.72          |
| 4/20/2005  | 1205    | 6432.41   | 6430.45     |            |                   |                                       |                                       | 1.96          |
| 5/3/2005   | 1219    | 6431.08   | 6430.37     |            |                   |                                       |                                       | 0.71          |
| 6/1/2005   | 1247    | 6430.96   | 6430.19     |            |                   |                                       |                                       | 0.77          |
| 7/6/2005   | 1282    | 6430.61   | 6430.02     |            |                   |                                       |                                       | 0.59          |
| 8/30/2005  | 1338    | 6431.81   | 6429.78     |            |                   |                                       |                                       | 2.03          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 10/4/2005  | 1373              | 6431.66                               | 6429.62                               | 2.04          |
|         |         |          |             | 11/1/2005  | 1401              | 6431.41                               | 6429.49                               | 1.92          |
|         |         |          |             | 11/29/2005 | 1429              | 6432.05                               | 6429.38                               | 2.67          |
|         |         |          |             | 12/6/2005  | 1435              | 6432.08                               | 6429.36                               | 2.72          |
|         |         |          |             | 1/4/2006   | 1465              | 6431.31                               | 6429.51                               | 1.80          |
|         |         |          |             | 1/31/2006  | 1491              | 6430.91                               | 6429.38                               | 1.53          |
|         |         |          |             | 2/28/2006  | 1519              | 6433.61                               | 6429.19                               | 4.42          |
|         |         |          |             | 3/17/2006  | 1536              | 6431.29                               | 6429.09                               | 2.20          |
|         |         |          |             | 4/4/2006   | 1555              | 6430.41                               | 6428.98                               | 1.43          |
|         |         |          |             | 5/2/2006   | 1582              | 6432.71                               | 6428.82                               | 3.89          |
|         |         |          |             | 5/31/2006  | 1611              | 6430.46                               | 6428.66                               | 1.80          |
|         |         |          |             | 6/27/2006  | 1638              | 6430.41                               | 6428.50                               | 1.91          |
|         |         |          |             | 8/1/2006   | 1674              | 6431.79                               | 6428.30                               | 3.49          |
|         |         |          |             | 8/29/2006  | 1702              | 6430.40                               | 6428.18                               | 2.22          |
|         |         |          |             | 9/26/2006  | 1730              | 6431.36                               | 6428.06                               | 3.30          |
|         |         |          |             | 10/31/2006 | 1765              | 6431.81                               | 6427.92                               | 3.89          |
|         |         |          |             | 11/28/2006 | 1793              | 6433.61                               | 6427.80                               | 5.81          |
|         |         |          |             | 1/30/2007  | 1856              | 6430.46                               | 6427.21                               | 3.25          |
|         |         |          |             | 2/27/2007  | 1884              | 6430.49                               | 6426.99                               | 3.50          |
|         |         |          |             | 3/9/2007   | 1894              | 6430.66                               | 6426.91                               | 3.75          |
|         |         |          |             | 4/3/2007   | 1919              | 6429.51                               | 6426.70                               | 2.81          |
|         |         |          |             | 5/1/2007   | 1947              | 6428.54                               | 6426.48                               | 2.06          |
|         |         |          |             | 5/30/2007  | 1975              | 6427.31                               | 6426.24                               | 1.07          |
|         |         |          |             | 7/3/2007   | 2010              | 6427.11                               | 6426.03                               | 1.08          |
|         |         |          |             | 7/31/2007  | 2038              | 6426.89                               | 6425.86                               | 1.03          |
|         |         |          |             | 9/5/2007   | 2074              | 6426.41                               | 6425.64                               | 0.77          |
|         |         |          |             | 10/2/2007  | 2101              | 6425.61                               | 6425.47                               | 0.14          |
|         |         |          |             | 10/30/2007 | 2129              | 6425.31                               | 6425.30                               | 0.01          |
|         |         |          |             | 12/4/2007  | 2164              | 6425.74                               | 6425.11                               | 0.63          |
|         |         |          |             | 1/3/2008   | 2194              | 6426.71                               | 6424.93                               | 1.78          |
|         |         |          |             | 2/5/2008   | 2227              | 6426.12                               | 6424.56                               | 1.56          |
|         |         |          |             | 3/4/2008   | 2255              | 6427.08                               | 6424.30                               | 2.78          |
|         |         |          |             | 3/6/2008   | 2257              | 6427.27                               | 6424.29                               | 2.98          |
|         |         |          |             | 4/1/2008   | 2283              | 6426.21                               | 6424.04                               | 2.17          |
|         |         |          |             | 5/6/2008   | 2318              | 6424.81                               | 6423.72                               | 1.09          |
|         |         |          |             | 6/3/2008   | 2345              | 6424.31                               | 6423.46                               | 0.85          |
|         |         |          |             | 7/1/2008   | 2373              | 6423.06                               | 6423.27                               | -0.21         |
|         |         |          |             | 8/5/2008   | 2409              | 6422.31                               | 6423.03                               | -0.72         |
|         |         |          |             | 9/30/2008  | 2464              | 6424.81                               | 6422.65                               | 2.16          |
|         |         |          |             | 12/2/2008  | 2527              | 6422.61                               | 6422.26                               | 0.35          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 943        | 487,407 | 1,537,222 | 11          | 12/2/2008  | 2527              | 6417.11                               | 6422.26                               | -5.15         |
|            |         |           |             | 12/30/2008 | 2555              | 6422.61                               | 6422.09                               | 0.52          |
|            |         |           |             | 2/3/2009   | 2591              | 6422.51                               | 6421.86                               | 0.65          |
|            |         |           |             | 3/3/2009   | 2619              | 6421.39                               | 6421.67                               | -0.28         |
|            |         |           |             | 3/21/2009  | 2637              | 6424.03                               | 6421.55                               | 2.48          |
|            |         |           |             | 3/31/2009  | 2647              | 6424.71                               | 6421.48                               | 3.23          |
|            |         |           |             | 4/8/2009   | 2655              | 6424.87                               | 6421.42                               | 3.45          |
|            |         |           |             | 6/2/2009   | 2710              | 6421.56                               | 6421.04                               | 0.52          |
|            |         |           |             | 6/16/2009  | 2724              | 6421.47                               | 6420.96                               | 0.51          |
|            |         |           |             | 6/30/2009  | 2738              | 6421.51                               | 6420.89                               | 0.62          |
|            |         |           |             | 8/4/2009   | 2772              | 6423.11                               | 6420.71                               | 2.40          |
|            |         |           |             | 9/1/2009   | 2801              | 6419.60                               | 6420.57                               | -0.97         |
|            |         |           |             | 9/29/2009  | 2829              | 6419.96                               | 6420.42                               | -0.46         |
|            |         |           |             | 11/3/2009  | 2864              | 6420.56                               | 6420.25                               | 0.31          |
|            |         |           |             | 12/1/2009  | 2891              | 6421.65                               | 6420.12                               | 1.53          |
|            |         |           |             | 12/8/2009  | 2898              | 6421.78                               | 6420.09                               | 1.69          |
|            |         |           |             | 12/29/2009 | 2920              | 6421.31                               | 6419.99                               | 1.32          |
|            |         |           |             | 2/2/2010   | 2955              | 6421.45                               | 6419.97                               | 1.48          |
|            |         |           |             | 3/2/2010   | 2983              | 6421.39                               | 6419.87                               | 1.52          |
|            |         |           |             | 3/4/2010   | 2984              | 6421.08                               | 6419.87                               | 1.21          |
|            |         |           |             | 3/30/2010  | 3011              | 6423.18                               | 6419.78                               | 3.40          |
|            |         |           |             | 5/4/2010   | 3046              | 6421.63                               | 6419.68                               | 1.95          |
|            |         |           |             | 6/2/2010   | 3075              | 6420.61                               | 6419.60                               | 1.01          |
|            |         |           |             | 6/23/2010  | 3096              | 6421.91                               | 6419.54                               | 2.37          |
|            |         |           |             | 6/29/2010  | 3102              | 6420.36                               | 6419.52                               | 0.84          |
|            |         |           |             | 8/3/2010   | 3137              | 6409.31                               | 6419.42                               | -10.11        |
|            |         |           |             | 8/31/2010  | 3165              | 6418.91                               | 6419.35                               | -0.44         |
|            |         |           |             | 9/8/2010   | 3173              | 6421.61                               | 6419.33                               | 2.28          |
|            |         |           |             | 9/14/2010  | 3179              | 6421.41                               | 6419.32                               | 2.09          |
|            |         |           |             | 9/21/2010  | 3185              | 6417.46                               | 6419.31                               | -1.85         |
|            |         |           |             | 9/28/2010  | 3193              | 6418.01                               | 6419.29                               | -1.28         |
|            |         |           |             | 10/5/2010  | 3200              | 6421.56                               | 6419.28                               | 2.28          |
| 10/12/2010 | 3207    | 6422.16   | 6419.26     | 2.90       |                   |                                       |                                       |               |
| 10/19/2010 | 3214    | 6418.91   | 6419.25     | -0.34      |                   |                                       |                                       |               |
| 10/26/2010 | 3221    | 6419.71   | 6419.23     | 0.48       |                   |                                       |                                       |               |
| 10/28/2010 | 3223    | 6419.37   | 6419.23     | 0.14       |                   |                                       |                                       |               |
| 11/2/2010  | 3228    | 6419.61   | 6419.21     | 0.40       |                   |                                       |                                       |               |
| 11/9/2010  | 3234    | 6418.17   | 6419.20     | -1.03      |                   |                                       |                                       |               |
| 11/16/2010 | 3242    | 6420.21   | 6419.18     | 1.03       |                   |                                       |                                       |               |
| 11/30/2010 | 3255    | 6420.36   | 6419.15     | 1.21       |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 12/7/2010  | 3262              | 6420.63                               | 6419.14                               | 1.49          |
|         |         |          |             | 12/28/2010 | 3284              | 6420.63                               | 6419.09                               | 1.54          |
|         |         |          |             | 2/1/2011   | 3319              | 6420.51                               | 6418.90                               | 1.61          |
|         |         |          |             | 3/1/2011   | 3347              | 6420.01                               | 6418.79                               | 1.22          |
|         |         |          |             | 4/5/2011   | 3382              | 6419.93                               | 6418.66                               | 1.27          |
|         |         |          |             | 4/14/2011  | 3391              | 6420.03                               | 6418.62                               | 1.41          |
|         |         |          |             | 4/26/2011  | 3403              | 6419.91                               | 6418.58                               | 1.33          |
|         |         |          |             | 5/24/2011  | 3431              | 6422.27                               | 6418.47                               | 3.80          |
|         |         |          |             | 6/28/2011  | 3466              | 6421.01                               | 6418.36                               | 2.65          |
|         |         |          |             | 7/26/2011  | 3494              | 6420.50                               | 6418.28                               | 2.22          |
|         |         |          |             | 8/30/2011  | 3529              | 6416.01                               | 6418.18                               | -2.17         |
|         |         |          |             | 9/27/2011  | 3557              | 6416.31                               | 6418.11                               | -1.80         |
|         |         |          |             | 10/25/2011 | 3585              | 6415.51                               | 6418.03                               | -2.52         |
|         |         |          |             | 11/8/2011  | 3598              | 6416.61                               | 6417.99                               | -1.38         |
|         |         |          |             | 11/22/2011 | 3613              | 6415.91                               | 6417.96                               | -2.05         |
|         |         |          |             | 12/20/2011 | 3640              | 6421.21                               | 6417.89                               | 3.32          |
|         |         |          |             | 1/24/2012  | 3676              | 6421.61                               | 6417.55                               | 4.06          |
|         |         |          |             | 2/28/2012  | 3711              | 6422.43                               | 6417.37                               | 5.06          |
|         |         |          |             | 3/27/2012  | 3738              | 6417.11                               | 6417.24                               | -0.13         |
|         |         |          |             | 4/24/2012  | 3766              | 6409.01                               | 6417.11                               | -8.10         |
|         |         |          |             | 5/10/2012  | 3783              | 6421.81                               | 6417.04                               | 4.77          |
|         |         |          |             | 6/26/2012  | 3830              | 6414.33                               | 6416.85                               | -2.52         |
|         |         |          |             | 7/24/2012  | 3858              | 6420.09                               | 6416.77                               | 3.32          |
|         |         |          |             | 9/25/2012  | 3921              | 6414.14                               | 6416.57                               | -2.43         |
|         |         |          |             | 10/23/2012 | 3948              | 6415.61                               | 6416.48                               | -0.87         |
|         |         |          |             | 11/27/2012 | 3984              | 6419.76                               | 6416.38                               | 3.38          |
|         |         |          |             | 12/27/2012 | 4013              | 6419.76                               | 6416.30                               | 3.46          |
|         |         |          |             | 1/29/2013  | 4046              | 6419.41                               | 6415.70                               | 3.71          |
|         |         |          |             | 2/26/2013  | 4075              | 6419.23                               | 6415.51                               | 3.72          |
|         |         |          |             | 3/7/2013   | 4084              | 6419.11                               | 6415.45                               | 3.66          |
|         |         |          |             | 3/26/2013  | 4103              | 6418.41                               | 6415.33                               | 3.08          |
|         |         |          |             | 4/30/2013  | 4137              | 6413.11                               | 6415.11                               | -2.00         |
|         |         |          |             | 5/29/2013  | 4167              | 6412.86                               | 6414.92                               | -2.06         |
|         |         |          |             | 6/25/2013  | 4194              | 6411.93                               | 6414.76                               | -2.83         |
|         |         |          |             | 1/28/2014  | 4410              | 6415.71                               | 6414.82                               | 0.89          |
|         |         |          |             | 2/20/2014  | 4433              | 6416.13                               | 6414.69                               | 1.44          |
|         |         |          |             | 3/1/2014   | 4442              | 6416.27                               | 6414.65                               | 1.62          |
|         |         |          |             | 3/25/2014  | 4466              | 6417.61                               | 6414.52                               | 3.09          |
|         |         |          |             | 4/29/2014  | 4501              | 6415.11                               | 6414.33                               | 0.78          |
|         |         |          |             | 5/28/2014  | 4530              | 6414.51                               | 6414.18                               | 0.33          |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 6/24/2014  | 4557              | 6414.69                               | 6414.03                               | 0.66          |
|         |         |          |             | 7/29/2014  | 4592              | 6414.96                               | 6413.96                               | 1.00          |
|         |         |          |             | 8/26/2014  | 4620              | 6412.59                               | 6413.98                               | -1.39         |
|         |         |          |             | 9/23/2014  | 4648              | 6412.01                               | 6414.00                               | -1.99         |
|         |         |          |             | 10/28/2014 | 4683              | 6417.51                               | 6414.01                               | 3.50          |
|         |         |          |             | 11/18/2014 | 4704              | 6413.63                               | 6414.03                               | -0.40         |
|         |         |          |             | 11/25/2014 | 4711              | 6413.47                               | 6414.03                               | -0.56         |
|         |         |          |             | 12/30/2014 | 4746              | 6417.46                               | 6414.05                               | 3.41          |
|         |         |          |             | 2/18/2015  | 4797              | 6413.81                               | 6413.59                               | 0.22          |
|         |         |          |             | 8/6/2015   | 4966              | 6413.34                               | 6413.14                               | 0.20          |
|         |         |          |             | 8/8/2015   | 4968              | 6413.37                               | 6413.14                               | 0.23          |
|         |         |          |             | 12/11/2015 | 5093              | 6412.54                               | 6413.26                               | -0.72         |
|         |         |          |             | 1/22/2016  | 5134              | 6412.43                               | 6414.15                               | -1.72         |
|         |         |          |             | 2/26/2016  | 5169              | 6414.63                               | 6414.21                               | 0.42          |
|         |         |          |             | 9/16/2016  | 5372              | 6427.31                               | 6414.20                               | 13.11         |
|         |         |          |             | 12/1/2016  | 5449              | 6420.67                               | 6414.16                               | 6.51          |
|         |         |          |             | 1/31/2017  | 5509              | 6421.91                               | 6414.22                               | 7.69          |
|         |         |          |             | 2/11/2017  | 5521              | 6415.66                               | 6414.16                               | 1.50          |
|         |         |          |             | 2/18/2017  | 5527              | 6417.32                               | 6414.13                               | 3.19          |
|         |         |          |             | 2/28/2017  | 5537              | 6415.86                               | 6414.08                               | 1.78          |
|         |         |          |             | 3/15/2017  | 5552              | 6416.05                               | 6414.01                               | 2.04          |
|         |         |          |             | 3/28/2017  | 5565              | 6416.51                               | 6413.96                               | 2.55          |
|         |         |          |             | 4/18/2017  | 5586              | 6410.19                               | 6413.87                               | -3.68         |
|         |         |          |             | 4/25/2017  | 5593              | 6407.91                               | 6413.84                               | -5.93         |
|         |         |          |             | 5/4/2017   | 5602              | 6416.45                               | 6413.80                               | 2.65          |
|         |         |          |             | 5/31/2017  | 5629              | 6419.08                               | 6413.72                               | 5.36          |
|         |         |          |             | 6/27/2017  | 5656              | 6418.11                               | 6413.64                               | 4.47          |
|         |         |          |             | 6/28/2017  | 5657              | 6418.51                               | 6413.63                               | 4.88          |
|         |         |          |             | 7/20/2017  | 5679              | 6412.56                               | 6413.57                               | -1.01         |
|         |         |          |             | 8/1/2017   | 5691              | 6418.31                               | 6413.53                               | 4.78          |
|         |         |          |             | 8/9/2017   | 5700              | 6418.71                               | 6413.51                               | 5.20          |
|         |         |          |             | 8/29/2017  | 5719              | 6418.01                               | 6413.45                               | 4.56          |
|         |         |          |             | 8/29/2017  | 5719              | 6423.51                               | 6413.45                               | 10.06         |
|         |         |          |             | 9/26/2017  | 5747              | 6418.71                               | 6413.38                               | 5.33          |
|         |         |          |             | 10/31/2017 | 5782              | 6416.41                               | 6413.30                               | 3.11          |
|         |         |          |             | 11/28/2017 | 5810              | 6417.36                               | 6413.24                               | 4.12          |
|         |         |          |             | 12/27/2017 | 5839              | 6421.91                               | 6413.18                               | 8.73          |
|         |         |          |             | 3/5/2002   | 64                | 6446.84                               | 6449.86                               | -3.02         |
|         |         |          |             | 4/2/2002   | 92                | 6450.04                               | 6449.71                               | 0.33          |
|         |         |          |             | 4/30/2002  | 120               | 6444.30                               | 6449.56                               | -5.26         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 6/5/2002   | 155               | 6442.68                               | 6449.40                               | -6.72         |
|         |         |          |             | 7/2/2002   | 182               | 6441.32                               | 6449.29                               | -7.97         |
|         |         |          |             | 8/6/2002   | 218               | 6440.19                               | 6449.14                               | -8.95         |
|         |         |          |             | 9/4/2002   | 246               | 6439.92                               | 6449.02                               | -9.10         |
|         |         |          |             | 10/1/2002  | 273               | 6440.02                               | 6448.93                               | -8.91         |
|         |         |          |             | 10/18/2002 | 290               | 6440.44                               | 6448.87                               | -8.43         |
|         |         |          |             | 11/6/2002  | 310               | 6441.75                               | 6448.81                               | -7.06         |
|         |         |          |             | 12/3/2002  | 337               | 6441.95                               | 6448.72                               | -6.77         |
|         |         |          |             | 12/19/2002 | 352               | 6442.26                               | 6448.67                               | -6.41         |
|         |         |          |             | 12/31/2002 | 365               | 6442.29                               | 6448.63                               | -6.34         |
|         |         |          |             | 2/4/2003   | 399               | 6441.48                               | 6448.33                               | -6.85         |
|         |         |          |             | 3/4/2003   | 428               | 6441.52                               | 6448.13                               | -6.61         |
|         |         |          |             | 4/1/2003   | 456               | 6440.00                               | 6447.93                               | -7.93         |
|         |         |          |             | 5/6/2003   | 491               | 6438.19                               | 6447.68                               | -9.49         |
|         |         |          |             | 8/5/2003   | 582               | 6436.70                               | 6447.13                               | -10.43        |
|         |         |          |             | 9/3/2003   | 611               | 6435.20                               | 6446.96                               | -11.76        |
|         |         |          |             | 9/30/2003  | 638               | 6436.35                               | 6446.81                               | -10.46        |
|         |         |          |             | 10/28/2003 | 665               | 6436.99                               | 6446.66                               | -9.67         |
|         |         |          |             | 11/4/2003  | 673               | 6437.30                               | 6446.62                               | -9.32         |
|         |         |          |             | 2/3/2004   | 763               | 6437.49                               | 6446.15                               | -8.66         |
|         |         |          |             | 3/2/2004   | 791               | 6438.02                               | 6445.94                               | -7.92         |
|         |         |          |             | 3/30/2004  | 819               | 6436.25                               | 6445.72                               | -9.47         |
|         |         |          |             | 5/4/2004   | 855               | 6434.86                               | 6445.45                               | -10.59        |
|         |         |          |             | 6/2/2004   | 883               | 6435.02                               | 6445.23                               | -10.21        |
|         |         |          |             | 6/29/2004  | 910               | 6433.93                               | 6445.07                               | -11.14        |
|         |         |          |             | 8/3/2004   | 945               | 6433.80                               | 6444.86                               | -11.06        |
|         |         |          |             | 8/31/2004  | 973               | 6432.56                               | 6444.69                               | -12.13        |
|         |         |          |             | 10/5/2004  | 1009              | 6432.52                               | 6444.48                               | -11.96        |
|         |         |          |             | 11/2/2004  | 1036              | 6433.56                               | 6444.31                               | -10.75        |
|         |         |          |             | 11/30/2004 | 1064              | 6437.61                               | 6444.16                               | -6.55         |
|         |         |          |             | 12/9/2004  | 1073              | 6437.90                               | 6444.12                               | -6.22         |
|         |         |          |             | 1/5/2005   | 1100              | 6433.72                               | 6443.96                               | -10.24        |
|         |         |          |             | 2/1/2005   | 1127              | 6432.98                               | 6443.78                               | -10.80        |
|         |         |          |             | 3/1/2005   | 1155              | 6433.42                               | 6443.61                               | -10.19        |
|         |         |          |             | 4/5/2005   | 1190              | 6432.95                               | 6443.40                               | -10.45        |
|         |         |          |             | 4/26/2005  | 1212              | 6432.92                               | 6443.27                               | -10.35        |
|         |         |          |             | 5/3/2005   | 1219              | 6432.13                               | 6443.23                               | -11.10        |
|         |         |          |             | 6/1/2005   | 1247              | 6430.88                               | 6443.05                               | -12.17        |
|         |         |          |             | 7/6/2005   | 1282              | 6430.55                               | 6442.88                               | -12.33        |
|         |         |          |             | 8/2/2005   | 1310              | 6436.02                               | 6442.76                               | -6.74         |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID  | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 951      | 473,200 | 1,545,500 | 11          | 8/30/2005  | 1337              | 6432.45                               | 6442.63                               | -10.18        |
|          |         |           |             | 10/4/2005  | 1373              | 6431.88                               | 6442.46                               | -10.58        |
|          |         |           |             | 11/1/2005  | 1400              | 6431.90                               | 6442.33                               | -10.43        |
|          |         |           |             | 11/29/2005 | 1428              | 6431.89                               | 6442.22                               | -10.33        |
|          |         |           |             | 12/6/2005  | 1435              | 6431.99                               | 6442.19                               | -10.20        |
|          |         |           |             | 1/4/2006   | 1464              | 6431.85                               | 6442.10                               | -10.25        |
|          |         |           |             | 1/31/2006  | 1491              | 6431.66                               | 6441.98                               | -10.32        |
|          |         |           |             | 2/28/2006  | 1519              | 6431.40                               | 6441.83                               | -10.43        |
|          |         |           |             | 3/17/2006  | 1536              | 6430.44                               | 6441.73                               | -11.29        |
|          |         |           |             | 4/4/2006   | 1555              | 6430.44                               | 6441.63                               | -11.19        |
|          |         |           |             | 5/2/2006   | 1582              | 6430.93                               | 6441.47                               | -10.54        |
|          |         |           |             | 5/31/2006  | 1612              | 6430.00                               | 6441.31                               | -11.31        |
|          |         |           |             | 6/27/2006  | 1638              | 6429.68                               | 6441.16                               | -11.48        |
|          |         |           |             | 8/1/2006   | 1673              | 6428.57                               | 6440.96                               | -12.39        |
|          |         |           |             | 8/29/2006  | 1702              | 6432.90                               | 6440.84                               | -7.94         |
|          |         |           |             | 9/26/2006  | 1730              | 6428.50                               | 6440.71                               | -12.21        |
|          |         |           |             | 10/31/2006 | 1765              | 6429.72                               | 6440.56                               | -10.84        |
|          |         |           |             | 11/28/2006 | 1792              | 6429.65                               | 6440.44                               | -10.79        |
|          |         |           |             | 12/28/2006 | 1823              | 6430.25                               | 6440.30                               | -10.05        |
|          |         |           |             | 1/30/2007  | 1856              | 6434.20                               | 6440.14                               | -5.94         |
|          |         |           |             | 2/27/2007  | 1884              | 6434.20                               | 6439.92                               | -5.72         |
|          |         |           |             | 3/10/2007  | 1895              | 6430.42                               | 6439.83                               | -9.41         |
|          |         |           |             | 4/3/2007   | 1919              | 6429.55                               | 6439.64                               | -10.09        |
|          |         |           |             | 5/1/2007   | 1947              | 6427.88                               | 6439.42                               | -11.54        |
|          |         |           |             | 5/30/2007  | 1976              | 6426.90                               | 6439.19                               | -12.29        |
|          |         |           |             | 7/3/2007   | 2009              | 6426.00                               | 6438.97                               | -12.97        |
|          |         |           |             | 7/31/2007  | 2038              | 6425.90                               | 6438.79                               | -12.89        |
|          |         |           |             | 9/5/2007   | 2074              | 6425.75                               | 6438.56                               | -12.81        |
|          |         |           |             | 10/2/2007  | 2101              | 6424.80                               | 6438.39                               | -13.59        |
|          |         |           |             | 10/30/2007 | 2129              | 6425.50                               | 6438.21                               | -12.71        |
|          |         |           |             | 12/4/2007  | 2164              | 6426.20                               | 6438.01                               | -11.81        |
|          |         |           |             | 1/3/2008   | 2194              | 6426.43                               | 6437.81                               | -11.38        |
|          |         |           |             | 2/5/2008   | 2227              | 6426.14                               | 6437.49                               | -11.35        |
| 3/4/2008 | 2255    | 6426.65   | 6437.23     | -10.58     |                   |                                       |                                       |               |
| 3/6/2008 | 2257    | 6426.61   | 6437.21     | -10.60     |                   |                                       |                                       |               |
| 4/1/2008 | 2283    | 6425.70   | 6436.98     | -11.28     |                   |                                       |                                       |               |
| 5/6/2008 | 2318    | 6424.50   | 6436.66     | -12.16     |                   |                                       |                                       |               |
| 6/3/2008 | 2346    | 6424.07   | 6436.40     | -12.33     |                   |                                       |                                       |               |
| 7/1/2008 | 2374    | 6422.50   | 6436.20     | -13.70     |                   |                                       |                                       |               |
| 9/3/2008 | 2438    | 6421.20   | 6435.75     | -14.55     |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |          |             | 9/5/2008   | 2440              | 6421.75                               | 6435.73                               | -13.98        |
|         |         |          |             | 9/30/2008  | 2465              | 6422.00                               | 6435.56                               | -13.56        |
|         |         |          |             | 10/28/2008 | 2492              | 6425.70                               | 6435.36                               | -9.66         |
|         |         |          |             | 12/2/2008  | 2528              | 6420.70                               | 6435.14                               | -14.44        |
|         |         |          |             | 12/2/2008  | 2528              | 6422.80                               | 6435.14                               | -12.34        |
|         |         |          |             | 12/30/2008 | 2556              | 6422.52                               | 6434.96                               | -12.44        |
|         |         |          |             | 2/3/2009   | 2591              | 6423.15                               | 6434.75                               | -11.60        |
|         |         |          |             | 3/3/2009   | 2619              | 6422.85                               | 6434.56                               | -11.71        |
|         |         |          |             | 3/21/2009  | 2636              | 6420.54                               | 6434.43                               | -13.89        |
|         |         |          |             | 3/31/2009  | 2647              | 6421.48                               | 6434.36                               | -12.88        |
|         |         |          |             | 5/5/2009   | 2682              | 6421.70                               | 6434.12                               | -12.42        |
|         |         |          |             | 6/2/2009   | 2709              | 6422.40                               | 6433.92                               | -11.52        |
|         |         |          |             | 6/30/2009  | 2738              | 6418.80                               | 6433.76                               | -14.96        |
|         |         |          |             | 8/4/2009   | 2773              | 6421.85                               | 6433.57                               | -11.72        |
|         |         |          |             | 9/1/2009   | 2801              | 6419.40                               | 6433.42                               | -14.02        |
|         |         |          |             | 9/29/2009  | 2828              | 6421.05                               | 6433.27                               | -12.22        |
|         |         |          |             | 11/3/2009  | 2864              | 6421.90                               | 6433.08                               | -11.18        |
|         |         |          |             | 12/1/2009  | 2892              | 6421.53                               | 6432.95                               | -11.42        |
|         |         |          |             | 12/8/2009  | 2898              | 6421.80                               | 6432.92                               | -11.12        |
|         |         |          |             | 12/29/2009 | 2920              | 6422.60                               | 6432.82                               | -10.22        |
|         |         |          |             | 2/2/2010   | 2955              | 6422.35                               | 6432.73                               | -10.38        |
|         |         |          |             | 3/2/2010   | 2983              | 6422.05                               | 6432.64                               | -10.59        |
|         |         |          |             | 3/4/2010   | 2985              | 6424.00                               | 6432.63                               | -8.63         |
|         |         |          |             | 3/30/2010  | 3011              | 6421.97                               | 6432.55                               | -10.58        |
|         |         |          |             | 5/4/2010   | 3046              | 6422.05                               | 6432.45                               | -10.40        |
|         |         |          |             | 6/2/2010   | 3075              | 6420.40                               | 6432.37                               | -11.97        |
|         |         |          |             | 6/23/2010  | 3095              | 6420.27                               | 6432.31                               | -12.04        |
|         |         |          |             | 6/29/2010  | 3101              | 6420.29                               | 6432.30                               | -12.01        |
|         |         |          |             | 8/3/2010   | 3137              | 6419.68                               | 6432.20                               | -12.52        |
|         |         |          |             | 8/31/2010  | 3165              | 6419.90                               | 6432.13                               | -12.23        |
|         |         |          |             | 9/8/2010   | 3173              | 6419.40                               | 6432.11                               | -12.71        |
|         |         |          |             | 9/14/2010  | 3179              | 6419.59                               | 6432.09                               | -12.50        |
|         |         |          |             | 9/21/2010  | 3186              | 6419.87                               | 6432.08                               | -12.21        |
|         |         |          |             | 9/28/2010  | 3193              | 6420.60                               | 6432.06                               | -11.46        |
|         |         |          |             | 10/12/2010 | 3207              | 6421.40                               | 6432.03                               | -10.63        |
|         |         |          |             | 10/19/2010 | 3214              | 6421.82                               | 6432.02                               | -10.20        |
|         |         |          |             | 11/2/2010  | 3228              | 6422.50                               | 6431.98                               | -9.48         |
|         |         |          |             | 11/9/2010  | 3235              | 6422.50                               | 6431.97                               | -9.47         |
|         |         |          |             | 11/16/2010 | 3242              | 6422.35                               | 6431.95                               | -9.60         |
|         |         |          |             | 11/30/2010 | 3255              | 6422.85                               | 6431.92                               | -9.07         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|---------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|         |         |           |             | 12/7/2010  | 3262              | 6422.90                               | 6431.91                               | -9.01         |
|         |         |           |             | 12/28/2010 | 3284              | 6423.27                               | 6431.86                               | -8.59         |
|         |         |           |             | 2/1/2011   | 3319              | 6422.80                               | 6431.74                               | -8.94         |
|         |         |           |             | 3/1/2011   | 3347              | 6422.60                               | 6431.63                               | -9.03         |
|         |         |           |             | 4/14/2011  | 3391              | 6420.95                               | 6431.47                               | -10.52        |
|         |         |           |             | 4/26/2011  | 3403              | 6422.31                               | 6431.42                               | -9.11         |
|         |         |           |             | 5/24/2011  | 3430              | 6421.60                               | 6431.31                               | -9.71         |
|         |         |           |             | 6/28/2011  | 3466              | 6419.20                               | 6431.20                               | -12.00        |
|         |         |           |             | 7/26/2011  | 3494              | 6418.83                               | 6431.12                               | -12.29        |
|         |         |           |             | 8/30/2011  | 3529              | 6419.45                               | 6431.01                               | -11.56        |
|         |         |           |             | 9/27/2011  | 3557              | 6420.00                               | 6430.93                               | -10.93        |
|         |         |           |             | 10/25/2011 | 3584              | 6420.45                               | 6430.85                               | -10.40        |
|         |         |           |             | 11/22/2011 | 3612              | 6420.20                               | 6430.77                               | -10.57        |
|         |         |           |             | 12/20/2011 | 3641              | 6420.40                               | 6430.70                               | -10.30        |
|         |         |           |             | 2/28/2012  | 3711              | 6421.82                               | 6430.71                               | -8.89         |
|         |         |           |             | 3/10/2012  | 3722              | 6422.12                               | 6430.66                               | -8.54         |
|         |         |           |             | 3/27/2012  | 3738              | 6425.10                               | 6430.58                               | -5.48         |
|         |         |           |             | 12/2/2015  | 5083              | 6418.65                               | 6427.05                               | -8.40         |
|         |         |           |             | 12/14/2016 | 5461              | 6418.50                               | 6426.96                               | -8.46         |
|         |         |           |             | 12/6/2017  | 5818              | 6419.13                               | 6426.07                               | -6.94         |
|         |         |           |             | 12/27/2018 | 6204              | 6419.79                               | 6426.29                               | -6.50         |
|         |         |           |             | 12/19/2019 | 6561              | 6419.67                               | 6426.63                               | -6.96         |
| #1_DEEP | 493,633 | 1,543,307 | 11          | 12/13/2016 | 5460              | 6426.41                               | 6413.39                               | 13.02         |
|         |         |           |             | 2/17/2017  | 5527              | 6430.53                               | 6413.93                               | 16.60         |
|         |         |           |             | 12/6/2017  | 5818              | 6431.46                               | 6413.19                               | 18.27         |
| #2_DEEP | 490,972 | 1,542,424 | 11          | 11/5/2013  | 4327              | 6368.55                               | 6414.84                               | -46.29        |
|         |         |           |             | 5/2/2015   | 4869              | 6415.46                               | 6413.90                               | 1.56          |
|         |         |           |             | 2/16/2016  | 5160              | 6369.04                               | 6414.21                               | -45.17        |
|         |         |           |             | 2/17/2017  | 5527              | 6401.16                               | 6414.12                               | -12.96        |
|         |         |           |             | 7/13/2018  | 6037              | 6401.92                               | 6413.53                               | -11.61        |
|         |         |           |             | 7/3/2019   | 6392              | 6424.86                               | 6414.10                               | 10.76         |
|         |         |           |             | 10/9/2019  | 6490              | 6400.04                               | 6414.15                               | -14.11        |
|         |         |           |             | 11/15/2012 | 3971              | 6434.12                               | 6439.14                               | -5.02         |
|         |         |           |             | 1/31/2013  | 4048              | 6434.08                               | 6438.80                               | -4.72         |
|         |         |           |             | 5/15/2013  | 4152              | 6433.89                               | 6438.17                               | -4.28         |
|         |         |           |             | 11/20/2013 | 4341              | 6433.49                               | 6437.91                               | -4.42         |
|         |         |           |             | 4/30/2014  | 4502              | 6432.18                               | 6437.27                               | -5.09         |
|         |         |           |             | 11/19/2014 | 4705              | 6430.71                               | 6436.92                               | -6.21         |
|         |         |           |             | 5/13/2015  | 4880              | 6430.72                               | 6436.40                               | -5.68         |
| 11(SG)  | 469,875 | 1,558,335 | 11          | 12/2/2015  | 5083              | 6429.42                               | 6436.28                               | -6.86         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 11(SG)    | 409,979 | 1,550,555 | 11          | 5/11/2016  | 5244              | 6429.94                               | 6436.20                               | -6.26         |
|           |         |           |             | 11/17/2016 | 5434              | 6429.24                               | 6436.16                               | -6.92         |
|           |         |           |             | 5/10/2017  | 5608              | 6430.56                               | 6435.92                               | -5.36         |
|           |         |           |             | 11/16/2017 | 5798              | 6430.37                               | 6435.51                               | -5.14         |
|           |         |           |             | 5/10/2018  | 5973              | 6431.15                               | 6435.36                               | -4.21         |
|           |         |           |             | 11/16/2018 | 6163              | 6429.39                               | 6435.47                               | -6.08         |
|           |         |           |             | 5/8/2019   | 6336              | 6430.76                               | 6435.67                               | -4.91         |
|           |         |           |             | 12/5/2019  | 6547              | 6430.37                               | 6435.79                               | -5.42         |
| 13(SG)    | 472,766 | 1,546,949 | 11          | 11/16/2012 | 3972              | 6427.00                               | 6430.42                               | -3.42         |
|           |         |           |             | 1/29/2013  | 4046              | 6427.24                               | 6430.03                               | -2.79         |
|           |         |           |             | 5/16/2013  | 4153              | 6426.07                               | 6429.33                               | -3.26         |
|           |         |           |             | 11/20/2013 | 4341              | 6426.49                               | 6429.27                               | -2.78         |
|           |         |           |             | 4/30/2014  | 4502              | 6426.09                               | 6428.52                               | -2.43         |
|           |         |           |             | 11/21/2014 | 4707              | 6425.37                               | 6428.33                               | -2.96         |
|           |         |           |             | 5/13/2015  | 4880              | 6424.22                               | 6427.72                               | -3.50         |
|           |         |           |             | 12/2/2015  | 5083              | 6424.21                               | 6427.74                               | -3.53         |
|           |         |           |             | 5/12/2016  | 5245              | 6424.08                               | 6427.74                               | -3.66         |
|           |         |           |             | 11/16/2016 | 5433              | 6423.93                               | 6427.66                               | -3.73         |
|           |         |           |             | 5/11/2017  | 5609              | 6424.98                               | 6427.32                               | -2.34         |
|           |         |           |             | 11/17/2017 | 5799              | 6424.19                               | 6426.82                               | -2.63         |
|           |         |           |             | 5/9/2018   | 5972              | 6423.98                               | 6426.76                               | -2.78         |
|           |         |           |             | 11/15/2018 | 6162              | 6423.36                               | 6426.94                               | -3.58         |
|           |         |           |             | 5/9/2019   | 6337              | 6424.53                               | 6427.20                               | -2.67         |
| 12/6/2019 | 6548    | 6424.28   | 6427.31     | -3.03      |                   |                                       |                                       |               |
| 14(SG)    | 463,599 | 1,548,886 | 11          | 11/15/2012 | 3971              | 6428.98                               | 6434.84                               | -5.86         |
|           |         |           |             | 1/31/2013  | 4048              | 6429.14                               | 6434.46                               | -5.32         |
|           |         |           |             | 5/15/2013  | 4152              | 6428.20                               | 6433.79                               | -5.59         |
|           |         |           |             | 11/20/2013 | 4341              | 6428.20                               | 6433.74                               | -5.54         |
|           |         |           |             | 5/1/2014   | 4503              | 6427.79                               | 6432.94                               | -5.15         |
|           |         |           |             | 11/19/2014 | 4705              | 6427.19                               | 6432.76                               | -5.57         |
|           |         |           |             | 6/24/2015  | 4922              | 6424.49                               | 6432.00                               | -7.51         |
|           |         |           |             | 12/3/2015  | 5084              | 6425.60                               | 6432.22                               | -6.62         |
|           |         |           |             | 5/12/2016  | 5245              | 6424.96                               | 6432.08                               | -7.12         |
|           |         |           |             | 11/17/2016 | 5434              | 6425.42                               | 6432.03                               | -6.61         |
|           |         |           |             | 5/12/2017  | 5610              | 6425.81                               | 6431.68                               | -5.87         |
|           |         |           |             | 11/15/2017 | 5797              | 6425.54                               | 6431.21                               | -5.67         |
|           |         |           |             | 5/9/2018   | 5972              | 6425.08                               | 6431.09                               | -6.01         |
|           |         |           |             | 11/16/2018 | 6163              | 6424.98                               | 6431.26                               | -6.28         |
|           |         |           |             | 5/8/2019   | 6336              | 6425.45                               | 6431.49                               | -6.04         |
| 12/5/2019 | 6547    | 6425.99   | 6431.62     | -5.63      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 15(SG)    | 469,224 | 1,550,341 | 11          | 11/14/2012 | 3970              | 6427.74                               | 6433.89                               | -6.15         |
|           |         |           |             | 1/30/2013  | 4047              | 6427.90                               | 6433.52                               | -5.62         |
|           |         |           |             | 5/15/2013  | 4152              | 6425.85                               | 6432.84                               | -6.99         |
|           |         |           |             | 11/20/2013 | 4341              | 6427.13                               | 6432.74                               | -5.61         |
|           |         |           |             | 4/30/2014  | 4502              | 6426.71                               | 6432.00                               | -5.29         |
|           |         |           |             | 11/20/2014 | 4706              | 6426.19                               | 6431.77                               | -5.58         |
|           |         |           |             | 6/24/2015  | 4922              | 6423.36                               | 6431.02                               | -7.66         |
|           |         |           |             | 12/3/2015  | 5084              | 6424.72                               | 6431.19                               | -6.47         |
|           |         |           |             | 5/12/2016  | 5245              | 6424.28                               | 6431.13                               | -6.85         |
|           |         |           |             | 11/17/2016 | 5434              | 6424.49                               | 6431.06                               | -6.57         |
|           |         |           |             | 5/10/2017  | 5608              | 6425.36                               | 6430.75                               | -5.39         |
|           |         |           |             | 11/17/2017 | 5799              | 6424.64                               | 6430.27                               | -5.63         |
|           |         |           |             | 5/10/2018  | 5973              | 6424.23                               | 6430.17                               | -5.94         |
|           |         |           |             | 11/15/2018 | 6162              | 6423.92                               | 6430.33                               | -6.41         |
|           |         |           |             | 5/9/2019   | 6337              | 6424.73                               | 6430.56                               | -5.83         |
| 12/6/2019 | 6548    | 6424.83   | 6430.68     | -5.85      |                   |                                       |                                       |               |
| 16(SG)    | 468,715 | 1,553,799 | 11          | 11/14/2012 | 3970              | 6433.97                               | 6436.54                               | -2.57         |
|           |         |           |             | 1/31/2013  | 4048              | 6433.94                               | 6436.17                               | -2.23         |
|           |         |           |             | 5/17/2013  | 4154              | 6433.67                               | 6435.50                               | -1.83         |
|           |         |           |             | 11/20/2013 | 4341              | 6432.23                               | 6435.35                               | -3.12         |
|           |         |           |             | 4/30/2014  | 4502              | 6432.00                               | 6434.66                               | -2.66         |
|           |         |           |             | 11/20/2014 | 4706              | 6430.76                               | 6434.38                               | -3.62         |
|           |         |           |             | 6/24/2015  | 4922              | 6429.96                               | 6433.65                               | -3.69         |
|           |         |           |             | 12/3/2015  | 5084              | 6429.25                               | 6433.78                               | -4.53         |
|           |         |           |             | 5/12/2016  | 5245              | 6429.77                               | 6433.69                               | -3.92         |
|           |         |           |             | 11/17/2016 | 5434              | 6429.01                               | 6433.64                               | -4.63         |
|           |         |           |             | 5/10/2017  | 5608              | 6430.48                               | 6433.36                               | -2.88         |
|           |         |           |             | 11/15/2017 | 5797              | 6430.32                               | 6432.91                               | -2.59         |
|           |         |           |             | 5/9/2018   | 5972              | 6430.42                               | 6432.78                               | -2.36         |
|           |         |           |             | 11/15/2018 | 6162              | 6429.21                               | 6432.92                               | -3.71         |
|           |         |           |             | 5/9/2019   | 6337              | 6430.60                               | 6433.14                               | -2.54         |
| 12/4/2019 | 6546    | 6430.16   | 6433.26     | -3.10      |                   |                                       |                                       |               |
| 18(SG)    | 468,136 | 1,547,203 | 11          | 11/15/2012 | 3971              | 6427.83                               | 6432.30                               | -4.47         |
|           |         |           |             | 1/31/2013  | 4048              | 6427.96                               | 6431.91                               | -3.95         |
|           |         |           |             | 5/15/2013  | 4152              | 6426.98                               | 6431.23                               | -4.25         |
|           |         |           |             | 11/20/2013 | 4341              | 6427.30                               | 6431.18                               | -3.88         |
|           |         |           |             | 5/1/2014   | 4503              | 6426.74                               | 6430.39                               | -3.65         |
|           |         |           |             | 11/20/2014 | 4706              | 6426.22                               | 6430.22                               | -4.00         |
|           |         |           |             | 6/24/2015  | 4922              | 6423.41                               | 6429.45                               | -6.04         |
|           |         |           |             | 12/2/2015  | 5083              | 6424.82                               | 6429.66                               | -4.84         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 806R       | 486,263 | 1,541,177 | 11          | 5/12/2016  | 5245              | 6424.32                               | 6429.59                               | -5.27         |
|            |         |           |             | 11/17/2016 | 5434              | 6424.71                               | 6429.51                               | -4.80         |
|            |         |           |             | 5/12/2017  | 5610              | 6425.16                               | 6429.16                               | -4.00         |
|            |         |           |             | 11/16/2017 | 5798              | 6424.73                               | 6428.67                               | -3.94         |
|            |         |           |             | 5/9/2018   | 5972              | 6424.30                               | 6428.59                               | -4.29         |
|            |         |           |             | 11/16/2018 | 6163              | 6424.06                               | 6428.77                               | -4.71         |
|            |         |           |             | 5/8/2019   | 6336              | 6424.74                               | 6429.01                               | -4.27         |
|            |         |           |             | 12/5/2019  | 6547              | 6424.95                               | 6429.13                               | -4.18         |
| 806R       | 486,263 | 1,541,177 | 11          | 3/6/2008   | 2257              | 6431.68                               | 6427.12                               | 4.56          |
|            |         |           |             | 3/21/2009  | 2637              | 6420.69                               | 6424.36                               | -3.67         |
|            |         |           |             | 4/14/2011  | 3391              | 6417.79                               | 6421.36                               | -3.57         |
|            |         |           |             | 12/14/2016 | 5461              | 6417.79                               | 6416.66                               | 1.13          |
|            |         |           |             | 12/4/2018  | 6181              | 6416.40                               | 6416.11                               | 0.29          |
|            |         |           |             | 5/30/2012  | 3803              | 6418.13                               | 6421.63                               | -3.50         |
|            |         |           |             | 6/26/2012  | 3830              | 6415.18                               | 6421.54                               | -6.36         |
|            |         |           |             | 7/24/2012  | 3858              | 6415.41                               | 6421.45                               | -6.04         |
|            |         |           |             | 9/25/2012  | 3920              | 6415.92                               | 6421.24                               | -5.32         |
|            |         |           |             | 10/23/2012 | 3948              | 6415.30                               | 6421.15                               | -5.85         |
|            |         |           |             | 11/27/2012 | 3983              | 6415.48                               | 6421.05                               | -5.57         |
|            |         |           |             | 12/27/2012 | 4013              | 6415.03                               | 6420.96                               | -5.93         |
|            |         |           |             | 1/29/2013  | 4046              | 6421.01                               | 6420.23                               | 0.78          |
|            |         |           |             | 2/26/2013  | 4075              | 6414.98                               | 6420.04                               | -5.06         |
|            |         |           |             | 3/7/2013   | 4084              | 6415.78                               | 6419.98                               | -4.20         |
|            |         |           |             | 3/26/2013  | 4102              | 6415.11                               | 6419.86                               | -4.75         |
|            |         |           |             | 4/30/2013  | 4137              | 6416.38                               | 6419.63                               | -3.25         |
|            |         |           |             | 1/28/2014  | 4410              | 6414.58                               | 6419.59                               | -5.01         |
|            |         |           |             | 3/1/2014   | 4442              | 6414.83                               | 6419.43                               | -4.60         |
|            |         |           |             | 3/25/2014  | 4466              | 6422.10                               | 6419.30                               | 2.80          |
|            |         |           |             | 4/29/2014  | 4501              | 6415.10                               | 6419.11                               | -4.01         |
|            |         |           |             | 5/28/2014  | 4530              | 6413.47                               | 6418.96                               | -5.49         |
|            |         |           |             | 6/24/2014  | 4557              | 6411.18                               | 6418.82                               | -7.64         |
|            |         |           |             | 7/29/2014  | 4592              | 6411.78                               | 6418.69                               | -6.91         |
|            |         |           |             | 8/26/2014  | 4620              | 6411.97                               | 6418.69                               | -6.72         |
|            |         |           |             | 9/23/2014  | 4648              | 6412.58                               | 6418.71                               | -6.13         |
|            |         |           |             | 10/28/2014 | 4683              | 6414.18                               | 6418.72                               | -4.54         |
|            |         |           |             | 11/25/2014 | 4711              | 6414.44                               | 6418.73                               | -4.29         |
| 12/19/2014 | 4736    | 6413.32   | 6418.75     | -5.43      |                   |                                       |                                       |               |
| 12/30/2014 | 4746    | 6414.58   | 6418.75     | -4.17      |                   |                                       |                                       |               |
| 5/1/2015   | 4868    | 6412.31   | 6417.87     | -5.56      |                   |                                       |                                       |               |
| 8/8/2015   | 4968    | 6411.15   | 6417.73     | -6.58      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| 951R      | 484,100 | 1,544,500 | 11          | 8/11/2015  | 4971              | 6411.18                               | 6417.73                               | -6.55         |
|           |         |           |             | 12/1/2015  | 5082              | 6414.10                               | 6417.83                               | -3.73         |
|           |         |           |             | 2/20/2016  | 5164              | 6412.93                               | 6419.17                               | -6.24         |
|           |         |           |             | 9/2/2016   | 5359              | 6416.83                               | 6419.26                               | -2.43         |
|           |         |           |             | 12/1/2016  | 5448              | 6423.43                               | 6419.23                               | 4.20          |
|           |         |           |             | 12/13/2016 | 5460              | 6418.48                               | 6419.23                               | -0.75         |
|           |         |           |             | 1/31/2017  | 5509              | 6418.33                               | 6419.20                               | -0.87         |
|           |         |           |             | 2/17/2017  | 5526              | 6417.92                               | 6419.14                               | -1.22         |
|           |         |           |             | 2/28/2017  | 5537              | 6415.28                               | 6419.11                               | -3.83         |
|           |         |           |             | 3/15/2017  | 5552              | 6418.67                               | 6419.05                               | -0.38         |
|           |         |           |             | 3/28/2017  | 5565              | 6418.28                               | 6419.01                               | -0.73         |
|           |         |           |             | 4/18/2017  | 5586              | 6419.16                               | 6418.93                               | 0.23          |
|           |         |           |             | 4/25/2017  | 5593              | 6419.18                               | 6418.91                               | 0.27          |
|           |         |           |             | 5/3/2017   | 5602              | 6419.47                               | 6418.87                               | 0.60          |
|           |         |           |             | 5/31/2017  | 5629              | 6418.78                               | 6418.79                               | -0.01         |
|           |         |           |             | 6/27/2017  | 5656              | 6418.98                               | 6418.72                               | 0.26          |
|           |         |           |             | 6/28/2017  | 5657              | 6418.70                               | 6418.72                               | -0.02         |
|           |         |           |             | 7/19/2017  | 5679              | 6417.43                               | 6418.66                               | -1.23         |
|           |         |           |             | 8/29/2017  | 5719              | 6416.93                               | 6418.54                               | -1.61         |
|           |         |           |             | 9/26/2017  | 5747              | 6417.18                               | 6418.47                               | -1.29         |
|           |         |           |             | 10/24/2017 | 5776              | 6416.46                               | 6418.41                               | -1.95         |
|           |         |           |             | 10/31/2017 | 5782              | 6416.88                               | 6418.40                               | -1.52         |
|           |         |           |             | 11/28/2017 | 5810              | 6418.76                               | 6418.34                               | 0.42          |
|           |         |           |             | 12/6/2017  | 5818              | 6420.03                               | 6418.32                               | 1.71          |
|           |         |           |             | 12/27/2017 | 5839              | 6418.28                               | 6418.28                               | 0.00          |
|           |         |           |             | 2/2/2018   | 5876              | 6418.80                               | 6418.27                               | 0.53          |
|           |         |           |             | 8/2/2018   | 6057              | 6417.00                               | 6418.53                               | -1.53         |
|           |         |           |             | 12/27/2018 | 6204              | 6420.24                               | 6418.66                               | 1.58          |
|           |         |           |             | 1/29/2019  | 6237              | 6420.38                               | 6419.16                               | 1.22          |
|           |         |           |             | 2/7/2019   | 6246              | 6419.02                               | 6419.18                               | -0.16         |
|           |         |           |             | 2/26/2019  | 6265              | 6420.68                               | 6419.22                               | 1.46          |
|           |         |           |             | 3/26/2019  | 6293              | 6420.08                               | 6419.25                               | 0.83          |
|           |         |           |             | 4/30/2019  | 6328              | 6420.68                               | 6419.29                               | 1.39          |
| 5/3/2019  | 6331    | 6420.78   | 6419.29     | 1.49       |                   |                                       |                                       |               |
| 5/29/2019 | 6357    | 6425.18   | 6419.31     | 5.87       |                   |                                       |                                       |               |
| 6/25/2019 | 6384    | 6419.08   | 6419.32     | -0.24      |                   |                                       |                                       |               |
| 7/30/2019 | 6419    | 6418.45   | 6419.35     | -0.90      |                   |                                       |                                       |               |
| 8/20/2019 | 6440    | 6418.26   | 6419.36     | -1.10      |                   |                                       |                                       |               |
| 8/23/2019 | 6443    | 6418.48   | 6419.36     | -0.88      |                   |                                       |                                       |               |
| 8/27/2019 | 6447    | 6417.91   | 6419.36     | -1.45      |                   |                                       |                                       |               |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
|            |         |           |             | 10/1/2019  | 6482              | 6417.28                               | 6419.38                               | -2.10         |
|            |         |           |             | 10/29/2019 | 6510              | 6418.18                               | 6419.39                               | -1.21         |
|            |         |           |             | 11/12/2019 | 6524              | 6418.98                               | 6419.39                               | -0.41         |
|            |         |           |             | 12/19/2019 | 6561              | 6420.41                               | 6419.41                               | 1.00          |
| I(SG)      | 478,106 | 1,552,131 | 11          | 11/5/2008  | 2500              | 6431.44                               | 6436.57                               | -5.13         |
|            |         |           |             | 11/11/2009 | 2871              | 6430.22                               | 6434.32                               | -4.10         |
|            |         |           |             | 11/12/2010 | 3237              | 6430.30                               | 6433.19                               | -2.89         |
|            |         |           |             | 7/28/2011  | 3495              | 6426.74                               | 6432.34                               | -5.60         |
|            |         |           |             | 11/17/2011 | 3607              | 6428.23                               | 6432.02                               | -3.79         |
|            |         |           |             | 5/16/2012  | 3788              | 6429.11                               | 6431.28                               | -2.17         |
|            |         |           |             | 11/15/2012 | 3971              | 6426.71                               | 6430.65                               | -3.94         |
|            |         |           |             | 1/30/2013  | 4047              | 6426.74                               | 6430.25                               | -3.51         |
|            |         |           |             | 5/16/2013  | 4153              | 6425.72                               | 6429.58                               | -3.86         |
|            |         |           |             | 5/16/2013  | 4153              | 6425.75                               | 6429.58                               | -3.83         |
|            |         |           |             | 5/16/2013  | 4153              | 6425.72                               | 6429.58                               | -3.86         |
|            |         |           |             | 11/20/2013 | 4341              | 6426.19                               | 6429.38                               | -3.19         |
|            |         |           |             | 11/20/2013 | 4341              | 6426.19                               | 6429.38                               | -3.19         |
|            |         |           |             | 11/20/2013 | 4341              | 6426.19                               | 6429.38                               | -3.19         |
|            |         |           |             | 11/20/2013 | 4341              | 6426.19                               | 6429.38                               | -3.19         |
|            |         |           |             | 5/1/2014   | 4503              | 6425.74                               | 6428.78                               | -3.04         |
|            |         |           |             | 11/20/2014 | 4706              | 6425.08                               | 6428.45                               | -3.37         |
|            |         |           |             | 5/13/2015  | 4880              | 6424.20                               | 6427.86                               | -3.66         |
|            |         |           |             | 12/2/2015  | 5083              | 6423.93                               | 6427.77                               | -3.84         |
|            |         |           |             | 5/11/2016  | 5244              | 6424.13                               | 6427.87                               | -3.74         |
|            |         |           |             | 11/17/2016 | 5434              | 6424.28                               | 6427.83                               | -3.55         |
|            |         |           |             | 5/12/2017  | 5610              | 6424.84                               | 6427.56                               | -2.72         |
|            |         |           |             | 11/17/2017 | 5799              | 6424.02                               | 6427.11                               | -3.09         |
| 5/10/2018  | 5973    | 6423.93   | 6427.01     | -3.08      |                   |                                       |                                       |               |
| 11/15/2018 | 6162    | 6423.11   | 6427.16     | -4.05      |                   |                                       |                                       |               |
| 5/8/2019   | 6336    | 6424.63   | 6427.42     | -2.79      |                   |                                       |                                       |               |
| 12/5/2019  | 6547    | 6424.06   | 6427.53     | -3.47      |                   |                                       |                                       |               |
|            |         |           |             | 11/19/2004 | 1053              | 6455.28                               | 6454.53                               | 0.75          |
|            |         |           |             | 11/7/2007  | 2136              | 6448.96                               | 6448.38                               | 0.58          |
|            |         |           |             | 11/5/2008  | 2500              | 6449.35                               | 6445.59                               | 3.76          |
|            |         |           |             | 11/11/2009 | 2871              | 6444.62                               | 6443.33                               | 1.29          |
|            |         |           |             | 11/12/2010 | 3237              | 6451.53                               | 6442.27                               | 9.26          |
|            |         |           |             | 7/28/2011  | 3495              | 6445.27                               | 6441.41                               | 3.86          |
|            |         |           |             | 11/18/2011 | 3608              | 6446.17                               | 6441.10                               | 5.07          |
|            |         |           |             | 5/16/2012  | 3788              | 6446.75                               | 6440.41                               | 6.34          |
|            |         |           |             | 11/15/2012 | 3971              | 6445.94                               | 6439.78                               | 6.16          |



Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID    | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|------------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| L(SG)      | 463,035 | 1,553,955 | 11          | 1/31/2013  | 4048              | 6445.70                               | 6439.43                               | 6.27          |
|            |         |           |             | 5/16/2013  | 4153              | 6445.24                               | 6438.77                               | 6.47          |
|            |         |           |             | 5/17/2013  | 4154              | 6445.24                               | 6438.76                               | 6.48          |
|            |         |           |             | 5/17/2013  | 4154              | 6445.24                               | 6438.76                               | 6.48          |
|            |         |           |             | 11/20/2013 | 4341              | 6442.09                               | 6438.65                               | 3.44          |
|            |         |           |             | 4/30/2014  | 4502              | 6440.81                               | 6437.91                               | 2.90          |
|            |         |           |             | 11/19/2014 | 4705              | 6439.42                               | 6437.65                               | 1.77          |
|            |         |           |             | 5/13/2015  | 4880              | 6440.18                               | 6437.11                               | 3.07          |
|            |         |           |             | 12/2/2015  | 5083              | 6438.37                               | 6437.09                               | 1.28          |
|            |         |           |             | 5/11/2016  | 5244              | 6439.09                               | 6436.92                               | 2.17          |
|            |         |           |             | 11/17/2016 | 5434              | 6438.28                               | 6436.89                               | 1.39          |
|            |         |           |             | 5/10/2017  | 5608              | 6440.60                               | 6436.60                               | 4.00          |
|            |         |           |             | 11/15/2017 | 5797              | 6442.74                               | 6436.16                               | 6.58          |
|            |         |           |             | 5/10/2018  | 5973              | 6442.76                               | 6436.00                               | 6.76          |
|            |         |           |             | 11/16/2018 | 6163              | 6440.71                               | 6436.13                               | 4.58          |
|            |         |           |             | 5/8/2019   | 6336              | 6442.25                               | 6436.35                               | 5.90          |
| 12/5/2019  | 6547    | 6443.46   | 6436.47     | 6.99       |                   |                                       |                                       |               |
| OBS-3      | 468,776 | 1,554,101 | 11          | 11/19/2004 | 1053              | 6448.99                               | 6451.45                               | -2.46         |
|            |         |           |             | 11/7/2007  | 2136              | 6441.98                               | 6445.31                               | -3.33         |
|            |         |           |             | 11/5/2008  | 2500              | 6439.45                               | 6442.52                               | -3.07         |
|            |         |           |             | 11/11/2009 | 2871              | 6436.51                               | 6440.26                               | -3.75         |
|            |         |           |             | 11/11/2010 | 3236              | 6437.28                               | 6439.17                               | -1.89         |
|            |         |           |             | 11/11/2010 | 3236              | 6435.50                               | 6439.17                               | -3.67         |
|            |         |           |             | 7/29/2011  | 3496              | 6435.22                               | 6438.32                               | -3.10         |
|            |         |           |             | 11/17/2011 | 3607              | 6435.08                               | 6438.00                               | -2.92         |
|            |         |           |             | 11/14/2012 | 3970              | 6434.13                               | 6436.71                               | -2.58         |
|            |         |           |             | 1/31/2013  | 4048              | 6434.12                               | 6436.35                               | -2.23         |
|            |         |           |             | 5/15/2013  | 4152              | 6433.70                               | 6435.69                               | -1.99         |
|            |         |           |             | 11/21/2013 | 4342              | 6432.32                               | 6435.53                               | -3.21         |
|            |         |           |             | 4/30/2014  | 4502              | 6431.23                               | 6434.83                               | -3.60         |
|            |         |           |             | 6/24/2015  | 4922              | 6430.15                               | 6433.83                               | -3.68         |
|            |         |           |             | 12/3/2015  | 5084              | 6429.36                               | 6433.95                               | -4.59         |
|            |         |           |             | 11/17/2016 | 5434              | 6428.97                               | 6433.81                               | -4.84         |
|            |         |           |             | 5/10/2017  | 5608              | 6430.47                               | 6433.53                               | -3.06         |
|            |         |           |             | 11/15/2017 | 5797              | 6430.27                               | 6433.09                               | -2.82         |
|            |         |           |             | 5/9/2018   | 5972              | 6431.17                               | 6432.95                               | -1.78         |
| 11/15/2018 | 6162    | 6429.30   | 6433.09     | -3.79      |                   |                                       |                                       |               |
| 5/16/2019  | 6344    | 6430.69   | 6433.32     | -2.63      |                   |                                       |                                       |               |
| 12/4/2019  | 6546    | 6430.14   | 6433.43     | -3.29      |                   |                                       |                                       |               |
|            |         |           |             | 11/19/2004 | 1053              | 6448.64                               | 6450.75                               | -2.11         |

Table D-1. Groundwater Elevation Calibration Target Dataset

| Well ID   | Easting | Northing  | Model Layer | Date       | Model Time (days) | Groundwater-Level Elevation (ft amsl) | Groundwater-Level Elevation (ft amsl) | Residual (ft) |
|-----------|---------|-----------|-------------|------------|-------------------|---------------------------------------|---------------------------------------|---------------|
| S(SG)     | 468,775 | 1,553,098 | 11          | 11/7/2007  | 2136              | 6442.23                               | 6444.62                               | -2.39         |
|           |         |           |             | 11/5/2008  | 2500              | 6439.22                               | 6441.83                               | -2.61         |
|           |         |           |             | 11/11/2009 | 2871              | 6436.39                               | 6439.56                               | -3.17         |
|           |         |           |             | 11/10/2010 | 3235              | 6437.14                               | 6438.48                               | -1.34         |
|           |         |           |             | 11/17/2011 | 3607              | 6435.14                               | 6437.30                               | -2.16         |
|           |         |           |             | 11/14/2012 | 3970              | 6434.14                               | 6436.01                               | -1.87         |
|           |         |           |             | 1/31/2013  | 4048              | 6434.04                               | 6435.64                               | -1.60         |
|           |         |           |             | 5/17/2013  | 4154              | 6432.94                               | 6434.97                               | -2.03         |
|           |         |           |             | 4/30/2014  | 4502              | 6432.05                               | 6434.13                               | -2.08         |
|           |         |           |             | 6/25/2015  | 4923              | 6430.24                               | 6433.13                               | -2.89         |
|           |         |           |             | 12/3/2015  | 5084              | 6429.31                               | 6433.27                               | -3.96         |
|           |         |           |             | 5/11/2016  | 5244              | 6429.85                               | 6433.18                               | -3.33         |
|           |         |           |             | 11/17/2016 | 5434              | 6429.00                               | 6433.13                               | -4.13         |
|           |         |           |             | 5/10/2017  | 5608              | 6430.49                               | 6432.84                               | -2.35         |
|           |         |           |             | 11/15/2018 | 6162              | 6429.28                               | 6432.41                               | -3.13         |
|           |         |           |             | 5/15/2019  | 6343              | 6430.61                               | 6432.64                               | -2.03         |
| 12/4/2019 | 6546    | 6430.15   | 6432.75     | -2.60      |                   |                                       |                                       |               |