PATHFINDER

September 14, 2007

Mr. Keith I. McConnell, Deputy Director
Decommissioning & Uranium Recovery Licensing Directorate
Division of Waste Management & Environmental Protection
Office of Federal & State Materials & Environmental Management Programs
Mail Stop T-8F5
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, Maryland 20852-2738

Re: Docket No. 40-6622, License No. SUA-442

Dear Mr. McConnell:

Enclosed please find two copies of the semi-annual ground water monitoring report as required by SUA-442 license condition 47C. This report presents data through the second quarter, 2007; historical data are included in the concentration versus time plots that are required by condition 47C. As noted in an e-mail to Stephen Cohen of your staff, we had some data availability problems as well as consultant time constraints that necessitated a two week delay in completing and submitting this report. We appreciate your cooperation concerning the delay.

Sincerely,

Tom Hardgrove

T. W. Hardgrove
Operations Manager

Enclosure

cc: D. B. Spitzberg, U.S. NRC – Region IV
B. Bonifas, PMC

PATHFINDER Mines Corporation
935 Pendell Blvd., P.O. Box 730, Mills, WY 82644 - Tel. : (307) 234-5019 - Fax : (307) 473-7306

SEMI-ANNUAL
GROUND-WATER MONITORING
FOR SHIRLEY BASIN MINE

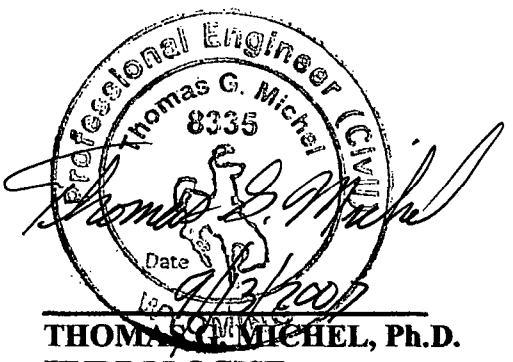
PREPARED FOR:

PATHFINDER MINES CORPORATION
SHIRLEY BASIN MINE

BY:

HYDRO-ENGINEERING, L.L.C.

September, 2007



THOMAS G. MICHEL, Ph.D.
HYDROLOGIST

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1.0 Introduction and Summary of Results

This semi-annual report presents the results of ground-water monitoring and surface-water monitoring through sampling in May 2007 for Pathfinder Mines Corporation's Shirley Basin mill and tailings facility. This report is the fourth in the series of semi-annual reports required NRC License SUA-442, License Condition 47.C.

The following table lists the site standards that are in effect for POC wells NP01 and RPI-19B which are located to the east of the Shirley Basin tailings facility. The tabulation also lists the measured May 2007 concentrations for the POC wells. All of the present concentrations in the POC wells are at levels below detection or are significantly below the corresponding site standards.

TABLE 1. GROUND-WATER PROTECTION STANDARDS AND MAY 2007 WATER-QUALITY DATA FOR POINT-OF-COMPLIANCE WELLS NP01 AND RPI-19B.

		WELL NP01		WELL RPI-19B
	POC WELL NP01	MAY 2007	POC WELL RPI-19B	MAY 2007
CONSTITUENT	SITE STANDARD	SAMPLE RESULTS	SITE STANDARD	SAMPLE RESULTS
ARSENIC	0.05	0.003	0.05	0.001
BARIUM	1.00	<0.1	1.00	0.10
BERYLLIUM	0.02	<0.01	0.02	<0.01
CADMIUM	0.01	<0.01	0.01	<0.01
CHROMIUM	0.05	<0.05	0.05	<0.05
GROSS ALPHA	15	1.50	15	1.40
LEAD	0.05	<0.05	0.05	<0.05
MOLYBDENUM	0.10	<0.10	0.10	<0.10
NICKEL	0.05	<0.05	0.05	<0.05
RA-226 + RA-228	12.70	<2.0	13.76	3.3
SELENIUM	0.158	0.044	0.163	0.0010
THORIUM-230	5.53	<0.2	5.76	<0.2
URANIUM	4.40	0.1530	4.45	0.2480
CHLORIDE	3275	138	3712	514
TDS	11529	864	12641	2120
SULFATE	4612	244	5056	486

NOTE: All concentrations in mg/l except for radium, thorium, and gross alpha in pCi/l.

2.0 Piezometric Data

The water-level data collected from 2005 thru mid 2007 are presented in Table 2 along with the 2004 water-level data to provide some indication of recent trends. Figure 1 presents the piezometric surface of the Surficial aquifer in the area between the tailings and Spring Creek. Figure 2 presents plots of the water-level elevation versus time for wells MC-14, RPI-14, NP01, RPI-19B, and RPI-18A. The corresponding water-level elevation or constituent concentration is posted adjacent to the well location on the plan view figures of the area (such as Figure 1). Water-level elevations in 2004 and 2005 have reflected some decay of the ground-water mounds in the area of the recharge lines. This decay of the ground-water mounds can be attributed to the discontinuation of the recharge injection operations and some disruption of collection and injection operations over 2004 and 2005 by tailings area reclamation activities. Recent water-level elevation changes are more reflective of

seasonal recharge and the piezometric surface appears to be approaching a relatively steady condition with a general gradient from the tailings area to Spring Creek.

3.0 Water-Quality Data

License Condition 47.A requires monitoring of water quality from the POC wells, other selected wells, and from surface water sites for the constituents presented in Table 1. There was insufficient water in well RPI-20A in July 2006 to collect a sample.

Figure 3 presents the May 2007 chloride concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. The chloride concentration is greatest at well P-6 which is located approximately 700 feet east of the tailings in the southern portion of the monitoring area. With the exception of a moderately elevated chloride concentration at wells MC-7, MC-11, and RPI-10, and increasing concentrations at POC wells NP01 and RPI-19B, chloride concentration at monitoring wells and in the surface water samples is not significantly elevated over natural levels. Figure 4 presents the plots of chloride concentration versus time for wells MC-14, RPI-14, NP01, RPI-19B, and RPI-20A. As indicated in Table 2, chloride concentration at well P-6 increased dramatically through early 2006, but has been relatively steady through mid 2007. Chloride concentration at POC wells NP01 and RPI-19B continues to increase through 2007, but is still well below ACL site standards. Chloride concentration at other wells that are more distant from the tailings is relatively steady. Figure 5 presents the plots of chloride concentration at surface water sampling locations SW-1A, SC-2 and POE-DS. The chloride concentration for the September 2006 sample at POE-DS appears to be somewhat anomalous.

Figure 6 presents the May 2007 Ra226 + Ra228 activities for the Surficial aquifer and in Spring Creek at the surface water sampling sites. There is a very modestly higher Ra226 + Ra228 activity in wells MC-11 and P-6. Measured radium, thorium, and gross alpha activities are typically more erratic than other constituents, and therefore iso-concentration contours are less reliable indicators of the extent of seepage impacts. Figure 7 presents the plots of Ra226 + Ra228 activity versus time for wells MC-14, RPI-14, NP01, RPI-19B, and RPI-20A. The greater variability of measured activity for Ra226 + Ra228 is reflected in the plots. Figure 8 presents the plots of Ra226 + Ra228 activities at surface water sampling locations SW-1A, SC-2 and POE-DS.

Figure 9 presents the May 2007 selenium concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Selenium concentration is modestly greater than general background at wells P-6, RPI-16A, and NP01. In general, the selenium concentration is more indicative of natural variability and selenium concentration in recharge injection water than a discernable level of seepage impacts. Figure 10 presents the plots of selenium concentration versus time for wells MC-14, RPI-14, NP01, RPI-19B, and RPI-20A. Figure 11 presents the plots of selenium concentration at surface water sampling locations SW-1A, SC-2 and POE-DS.

Figure 12 presents the May 2007 sulfate concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Recent sulfate concentration at well RPI-20A are elevated and somewhat erratic. Concentrations of other constituents in samples from well RPI-20A are relatively stable and within the range of typical background or restored aquifer values. Figure 13 presents the sulfate concentrations in selected wells and illustrates relatively stable recent concentrations. All sulfate concentrations at the monitoring wells and surface water sampling locations are well below the site standards at the POC wells. Figure 14 presents the plots of sulfate concentration at surface water sampling locations SW-1A, SC-2 and POE-DS.

Figure 15 presents the May 2007 thorium-230 activities for the Surficial aquifer and in Spring Creek at the surface water sampling sites. All May 2007 thorium-230 activities in ground-water samples and surface-water samples are below the detection level of 0.2 pCi/l. Figure 16 presents the plots of thorium-230 activity versus time for wells MC-14, RPI-14, NP01, RPI-19B, and RPI-20A. Figure 17 presents the plots of thorium-230 activity at surface water sampling locations SW-1A, SC-2 and POE-DS. The sample record for upgradient site SW-1A illustrates the variability of thorium-230 activity with occasional spikes interspersed in the typical below detection limit sample activity.

Figure 18 presents the May 2007 TDS concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. TDS concentrations at well RPI-20A reflect the erratic and elevated sulfate concentration in this well since late 2005. TDS concentration at wells that are relatively close to the tailings shows a recent increasing trend (see Figure 19). All TDS concentrations at the monitoring wells and surface water sampling locations are well below the site standards at the POC wells. Figure 20 presents the plots of TDS concentration at surface water sampling locations SW-1A, SC-2 and POE-DS.

Figure 21 presents the May 2007 uranium concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Uranium concentration increased dramatically at well P-6 through mid 2006, but uranium concentrations thru mid 2007 appear to have stabilized at levels slightly greater than those in mid 2006. Uranium concentration increased modestly at wells NP01 and RPI-19B but was relatively stable at other locations. All uranium concentrations at the monitoring wells and surface water sampling locations are well below the site standards at the POC wells. Figure 23 presents the plots of uranium concentration at surface water sampling locations SW-1A, SC-2 and POE-DS.

Figure 24 presents concentrations of major constituents and uranium for well P-6. As described in a letter response by Pathfinder Mines Corporation dated November 14, 2006, the changes in water quality in well P-6 are reflective of the ongoing seepage from the tailings and the expected impacts on the area where the Corrective Action Program (CAP) had previously served to contain seepage and restore the Surficial aquifer quality. The modeling included in the ACL application indicates that the continuing seepage from the tailings at a diminishing rate will result in measurable seepage impacts that progress in an easterly direction from the tailings. The expected changes in water quality for wells east of the tailings include a fairly rapid increase in constituent concentrations after the CAP was discontinued, followed by a gradual decline in concentrations as the seepage rate from the tailings diminishes. This typical anticipated response is exhibited in Figure E.3-1 of the ACL Application, with the caveat that there is a four year difference between the modeled end of the CAP and the actual termination of the CAP. The response will also lag and be attenuated with increasing distance from the tailings. Because well P-6 was operated as a collection well in the CAP and the seepage-impacted ground water extended to the well at the time the CAP was terminated, the increase in concentrations occurred shortly after collection and associated fresh water injection was discontinued in 2005. The constituent concentrations presented in Figure 24 show a fairly rapid reversion to levels that were present prior to significant additions to the CAP in 1995 and 1996.

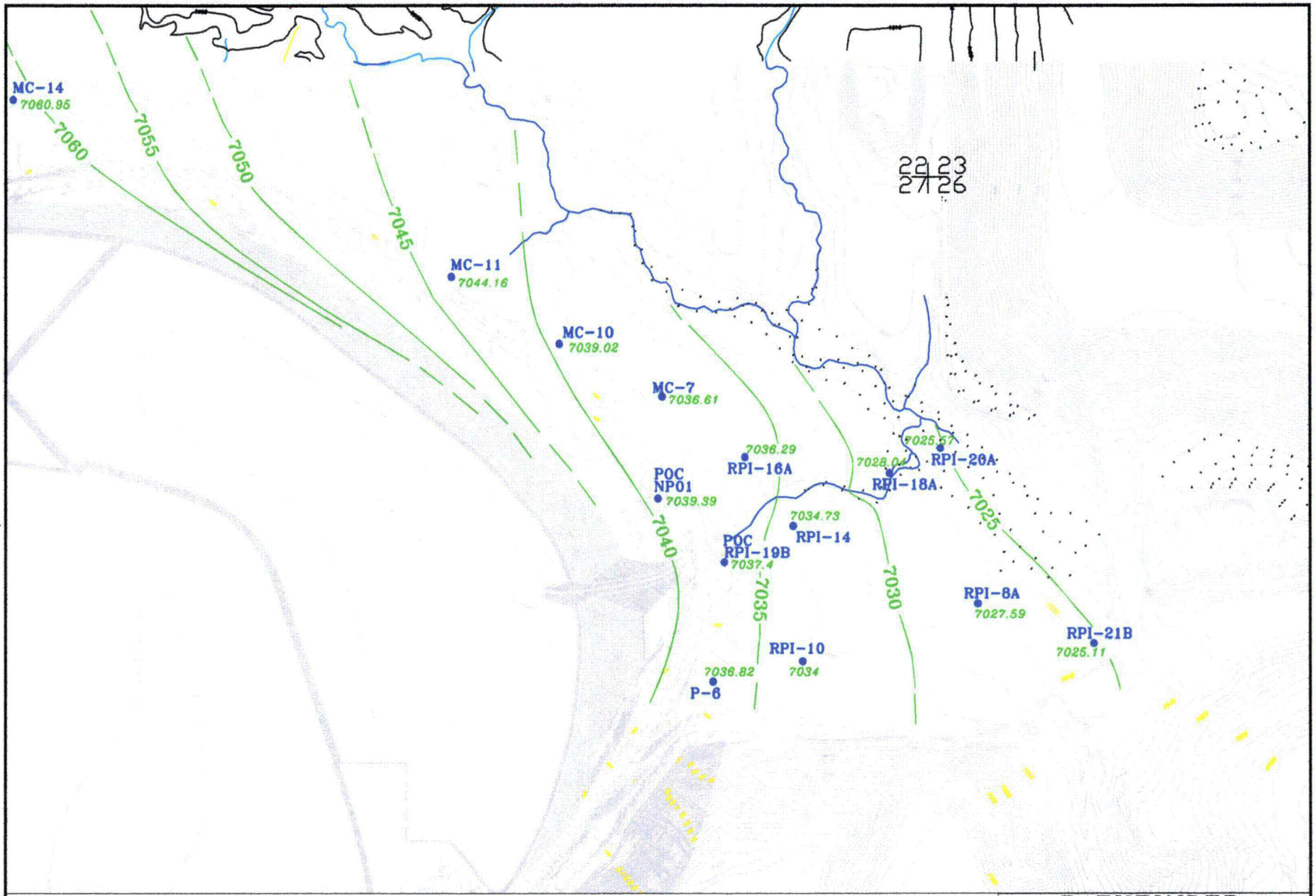

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FIGURE 1. LOCATIONS OF MONITORING WELLS AND PIEZOMETRIC CONTOURS FOR MID 2007.

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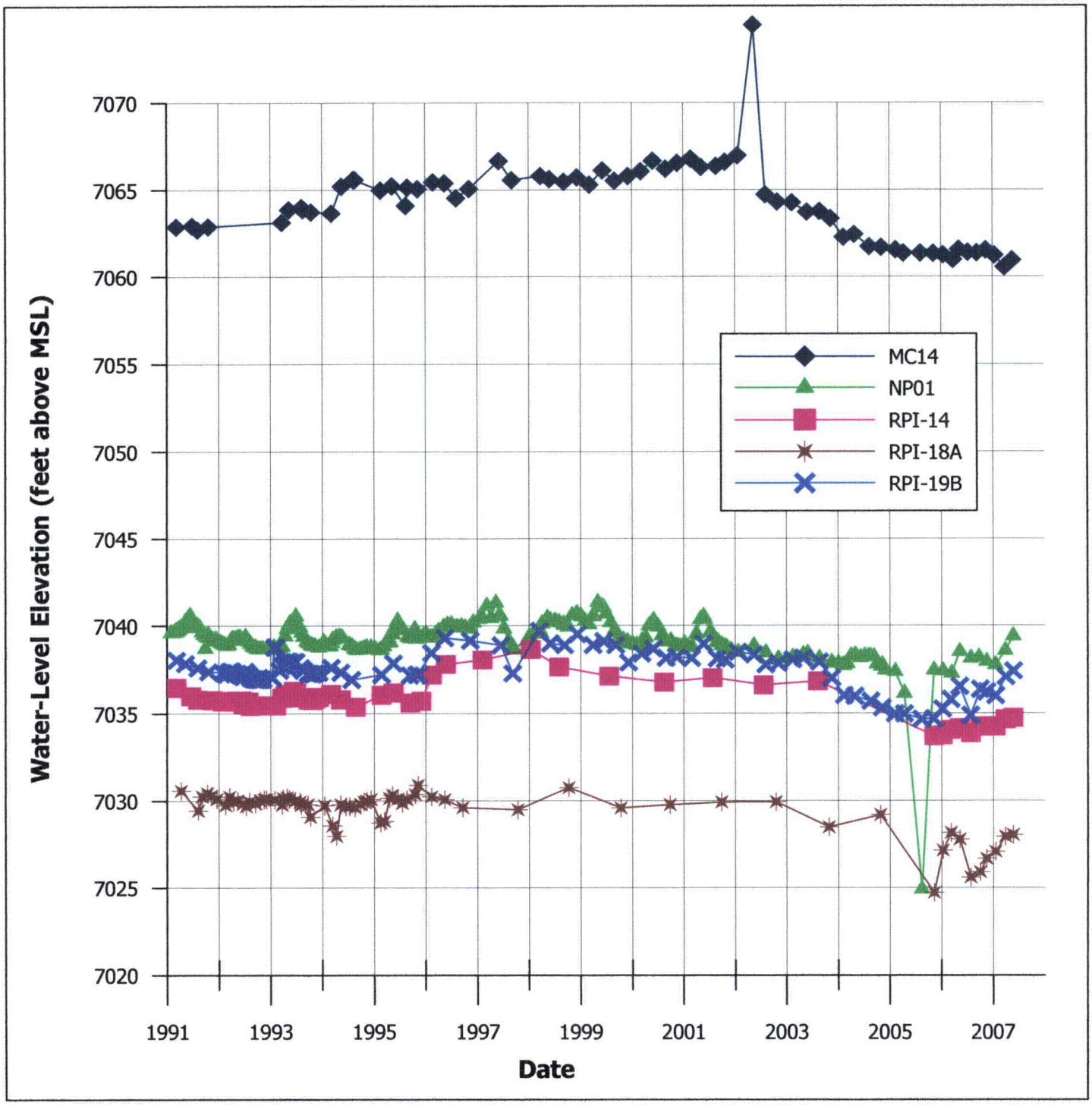
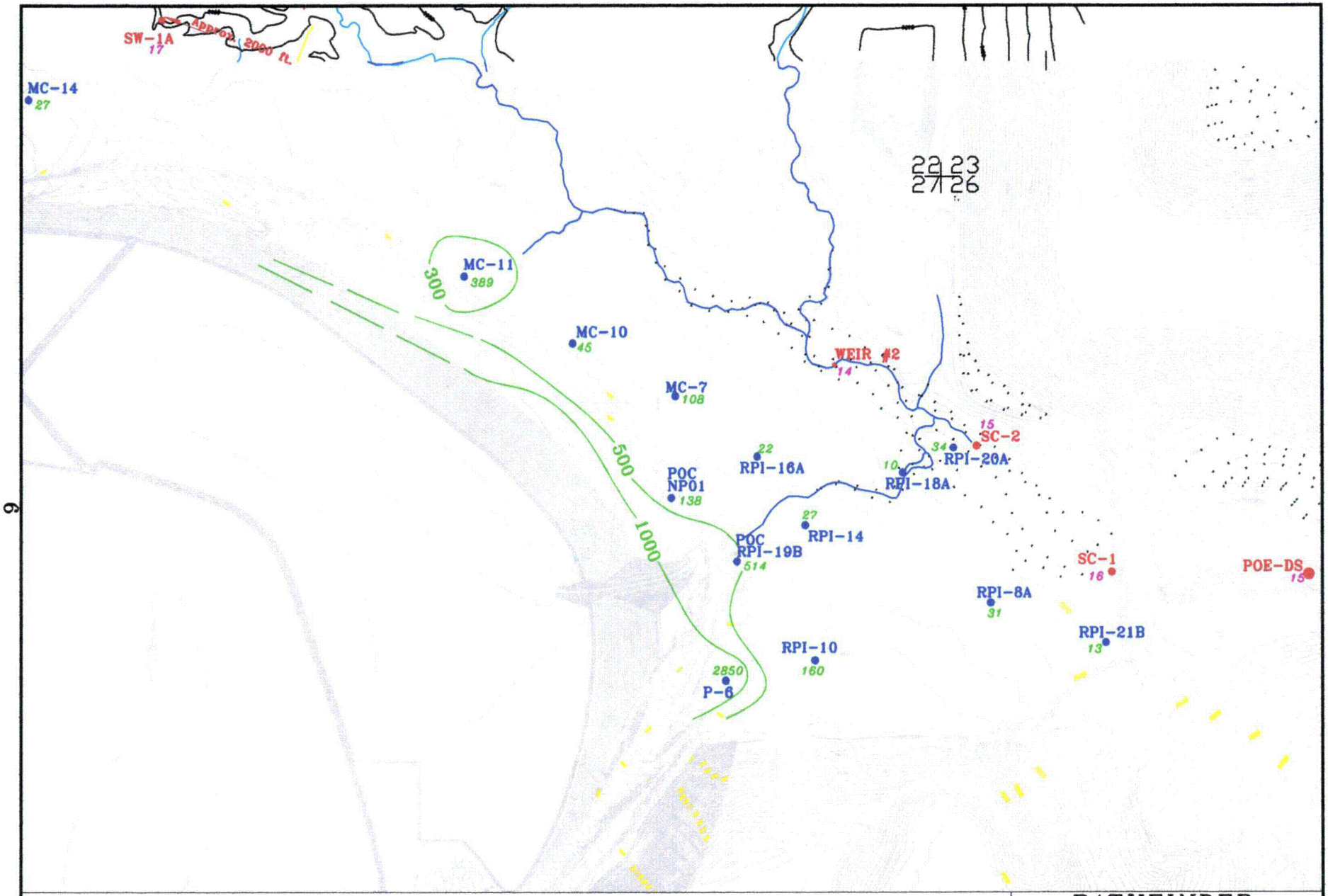


Figure 2. Water-Level Elevation Versus Time For Wells MC-14, RPI-14, NP01, RPI-19B, and RPI-18A


SW-1A
17
Approx. 2000 ft.
MC-14
27
22 23
27 26
MC-11
389
300
MC-10
45
WEIR #2
14
MC-7
108
15
SC-2
34
RPI-20A
22
RPI-16A
10
RPI-18A
POC
NP01
138
500
1000
27
RPI-14
POC
RPI-19B
514
SC-1
16
POE-DS
15
RPI-8A
31
RPI-21B
13
RPI-10
160
2850
P-6
9
N
W
E
S
LEGEND:
MONITORING WELL CHLORIDE CONCENTRATION (mg/l)
CHLORIDE ISO-CONCENTRATION CONTOURS
SURFACE WATER CHLORIDE CONCENTRATION (mg/l)
PATHFINDER
PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING
T28N, R78W
FIGURE 3. 2007 CHLORIDE CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS.
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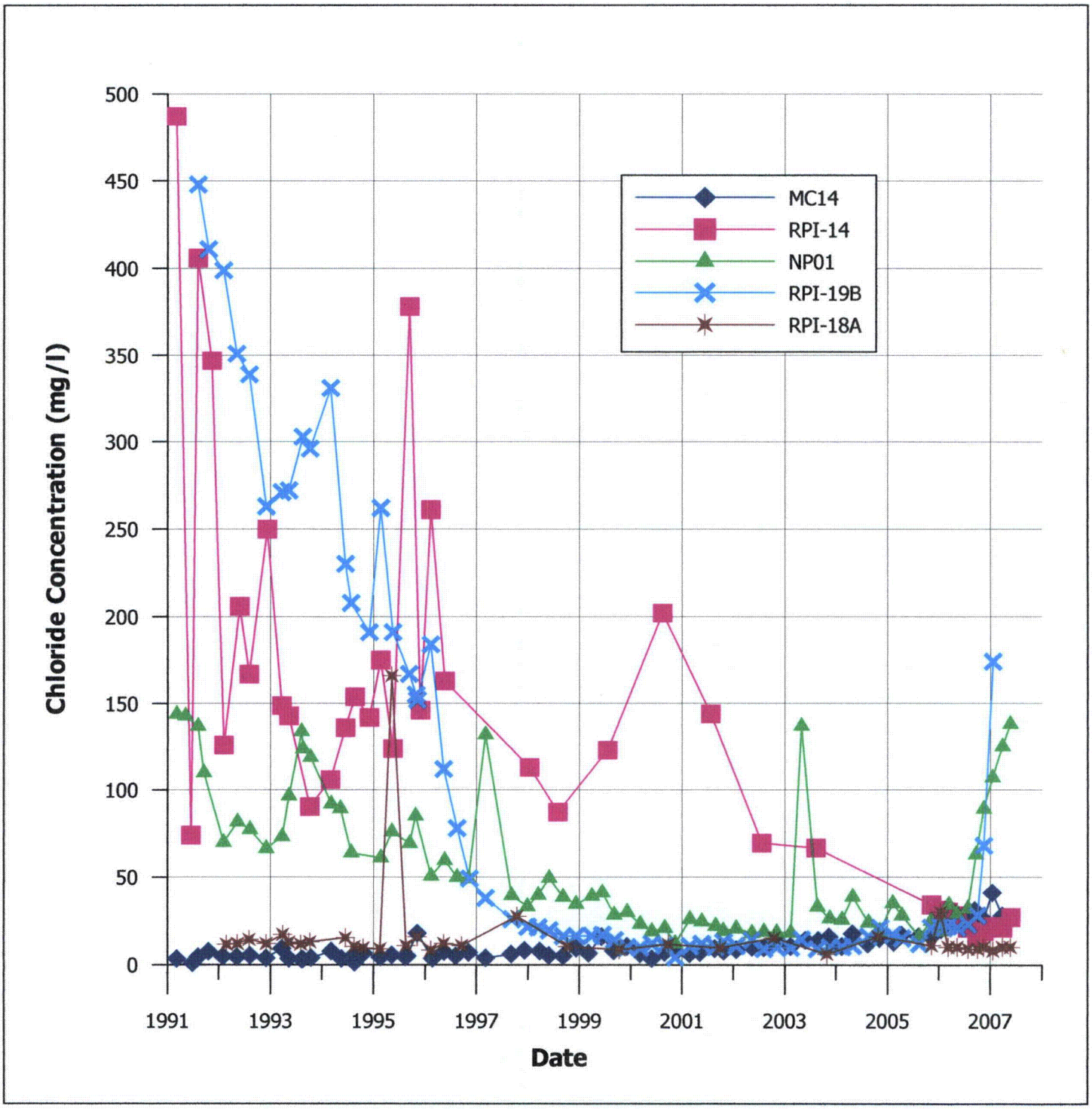


Figure 4. Chloride Concentration Versus Time For Wells MC-14, RPI-14, NP01, RPI-19B, and RPI-18A

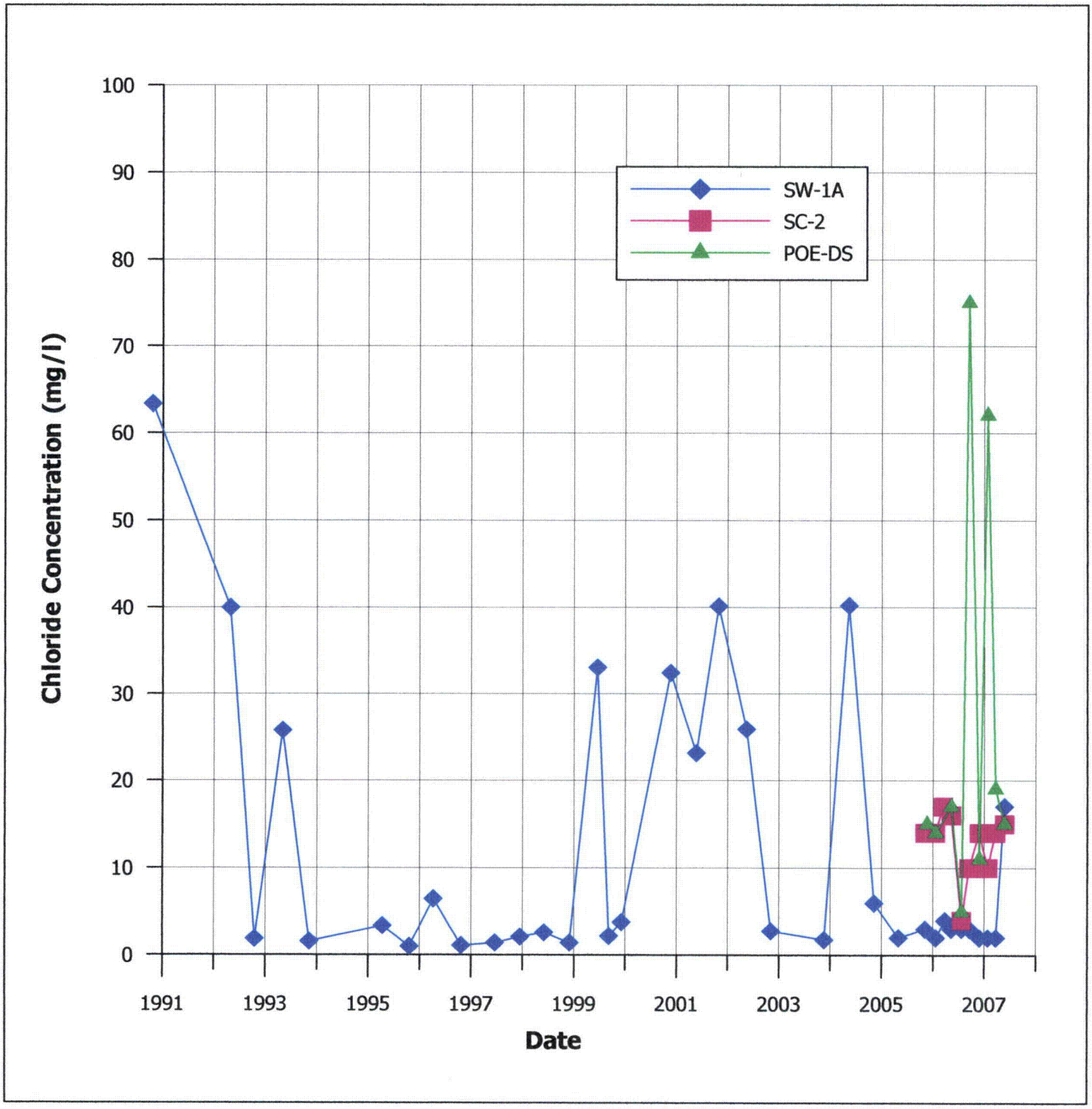
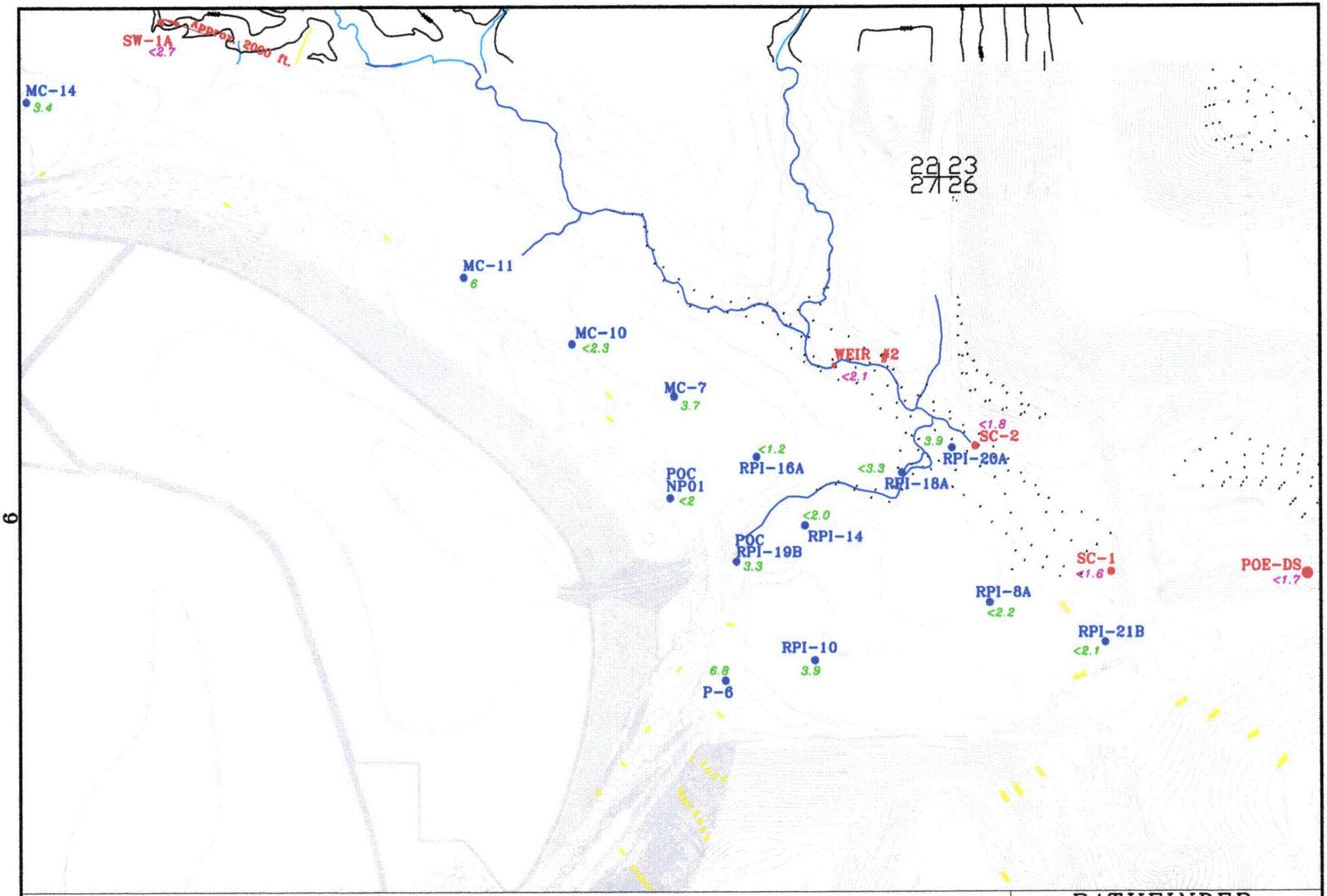


Figure 5. Chloride Concentration Versus Time For Surface Water Sample Locations SW-1A, SC-2, and POE-DS


SW-1A
<2.7
Approx. 2000 ft.
MC-14
3.4
22 23
27 26
MC-11
6
MC-10
<2.3
WEIR #2
<2.1
MC-7
3.7
<1.8
SC-2
3.9
<1.2
RPI-16A
<3.3
RPI-20A
RPI-18A
POC
NP01
<2
<2.0
RPI-14
POC
RPI-19B
3.3
SC-1
<1.6
POE-DS
<1.7
RPI-8A
<2.2
RPI-21B
<2.1
RPI-10
3.9
6.8
P-6
6
N
W
E
S
LEGEND:
<2.8
MONITORING WELL Ra226+Ra228 ACTIVITY (pCi/l)
Ra226+Ra228 ISO-ACTIVITY CONTOURS
<1.8
SURFACE WATER Ra226+Ra228 ACTIVITY (pCi/l)
PATHFINDER
PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING
T28N, R78W
FIGURE 6. 2007 Ra226+Ra228 ACTIVITY IN SURFICIAL AQUIFER MONITORING WELLS.
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DATE: 9-2007
Approx. Scale: 1"=700'
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HYDRO-ENGINEERING L.L.C.

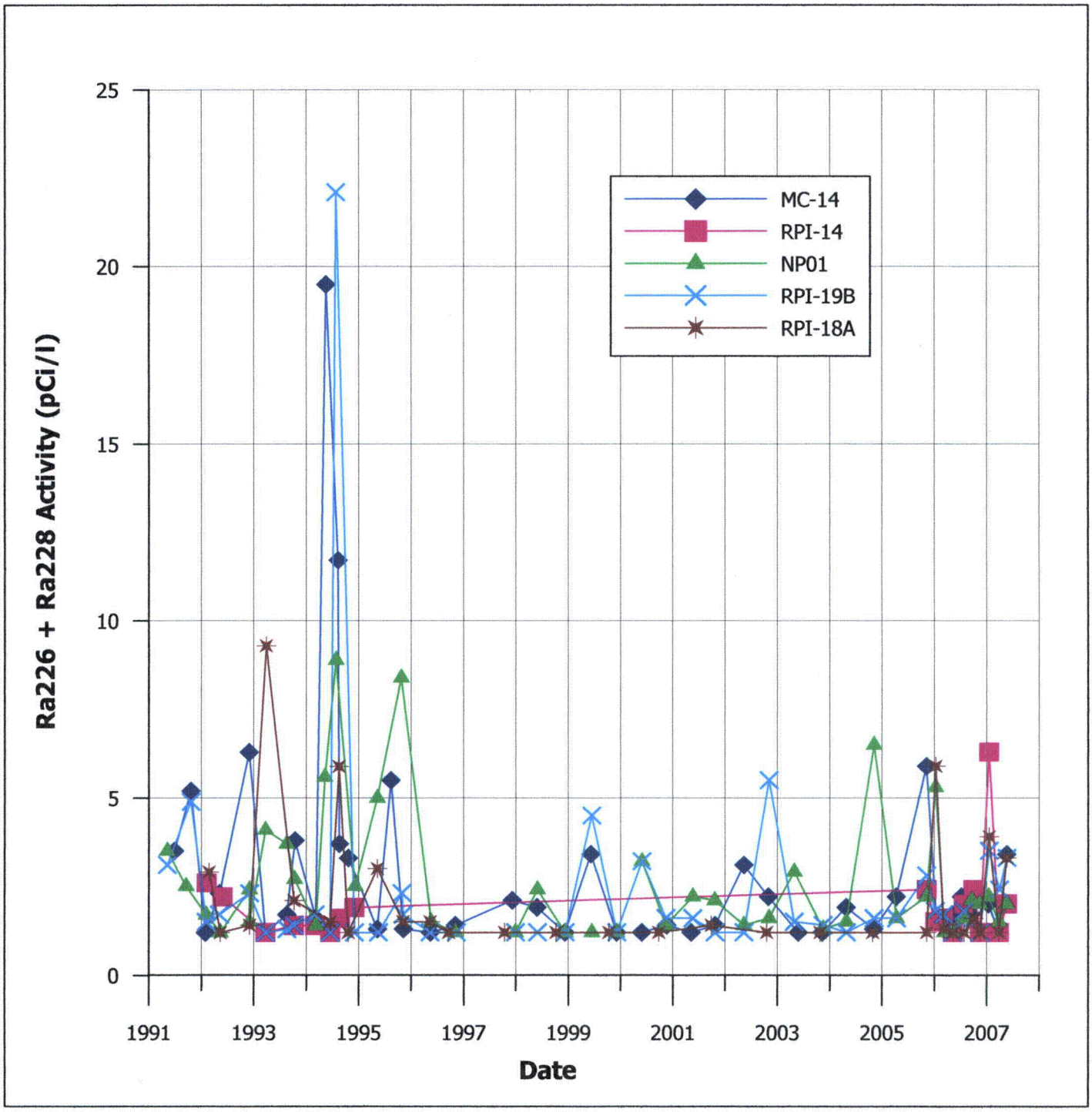


Figure 7. Ra226 + Ra228 Activity Versus Time For Wells MC-14, RPI-14, NP01, RPI-19B and RPI-18A

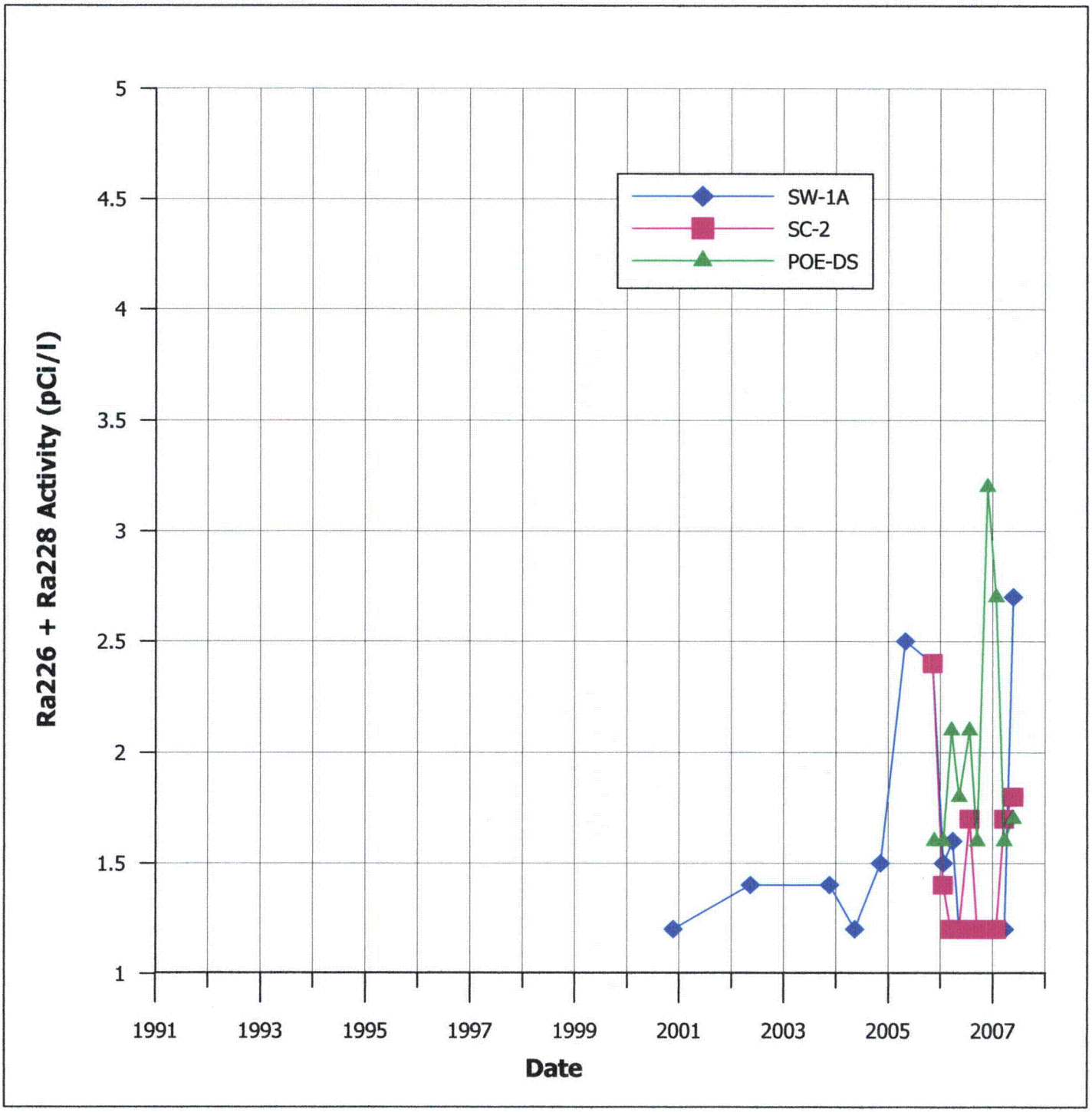
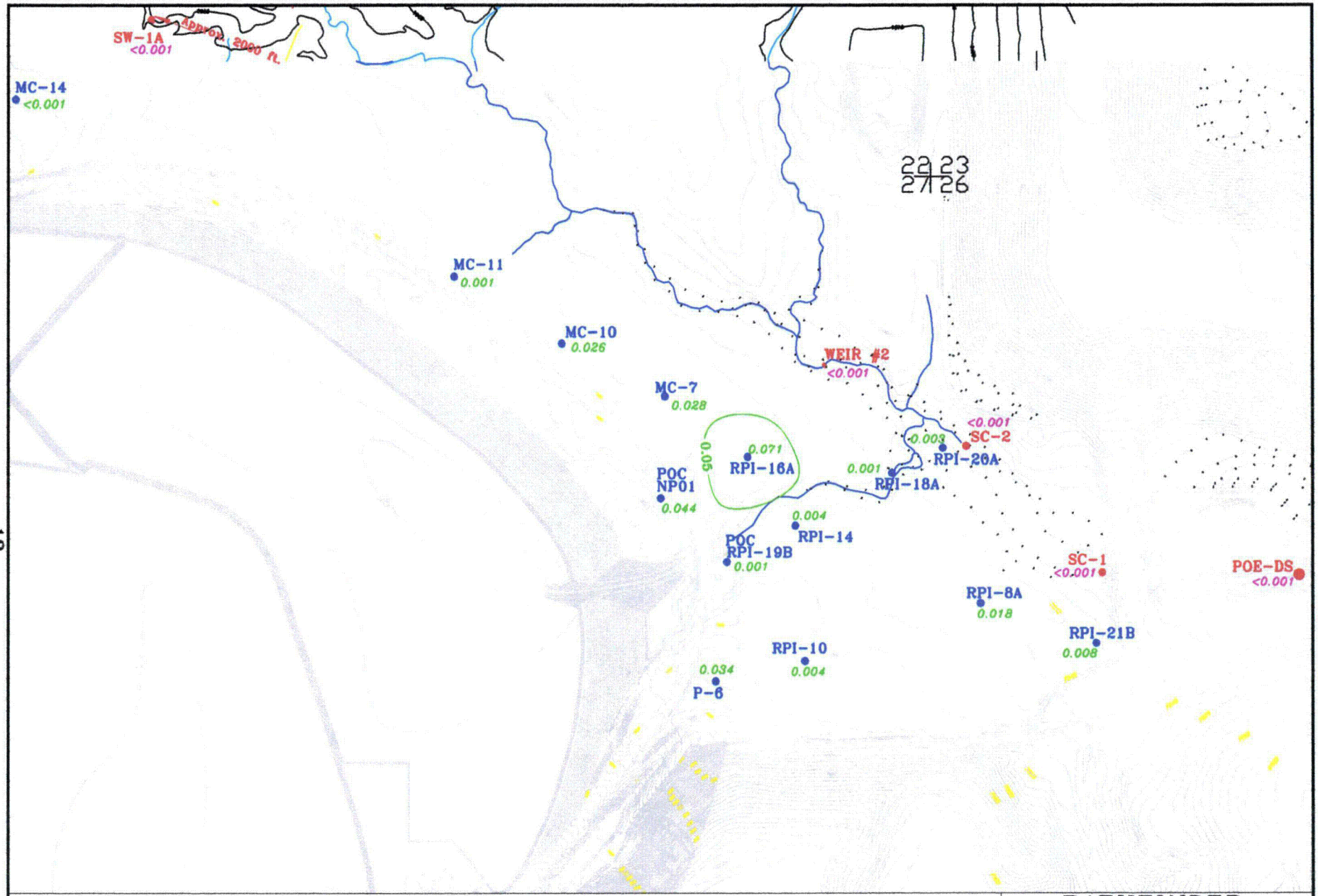


Figure 8. Ra226 + Ra228 Activity Versus Time For Surface Water Sample Locations SW-1A, SC-2 and POE-DS


SW-1A
<0.001
Approx. 2000 ft.
MC-14
<0.001
22 23
27 26
MC-11
0.001
MC-10
0.026
WEIR #2
<0.001
MC-7
0.028
<0.001
SC-2
0.003
RPI-20A
0.05
0.071
RPI-16A
0.001
RPI-18A
POC
NP01
0.044
0.004
RPI-14
POC
RPI-19B
0.001
SC-1
<0.001
POE-DS
<0.001
RPI-8A
0.018
RPI-21B
0.008
RPI-10
0.004
0.034
P-6
12
N
W
E
S
LEGEND:
<0.001
MONITORING WELL SELENIUM CONCENTRATION (mg/l)
SELENIUM ISO-CONCENTRATION CONTOURS
<0.001
SURFACE WATER SELENIUM CONCENTRATION (mg/l)
PATHFINDER
PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING
T28N, R78W
FIGURE 9. 2007 SELENIUM CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS.
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DATE: 9-2007
Approx. Scale: 1"=700'
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HYDRO-ENGINEERING L.L.C.

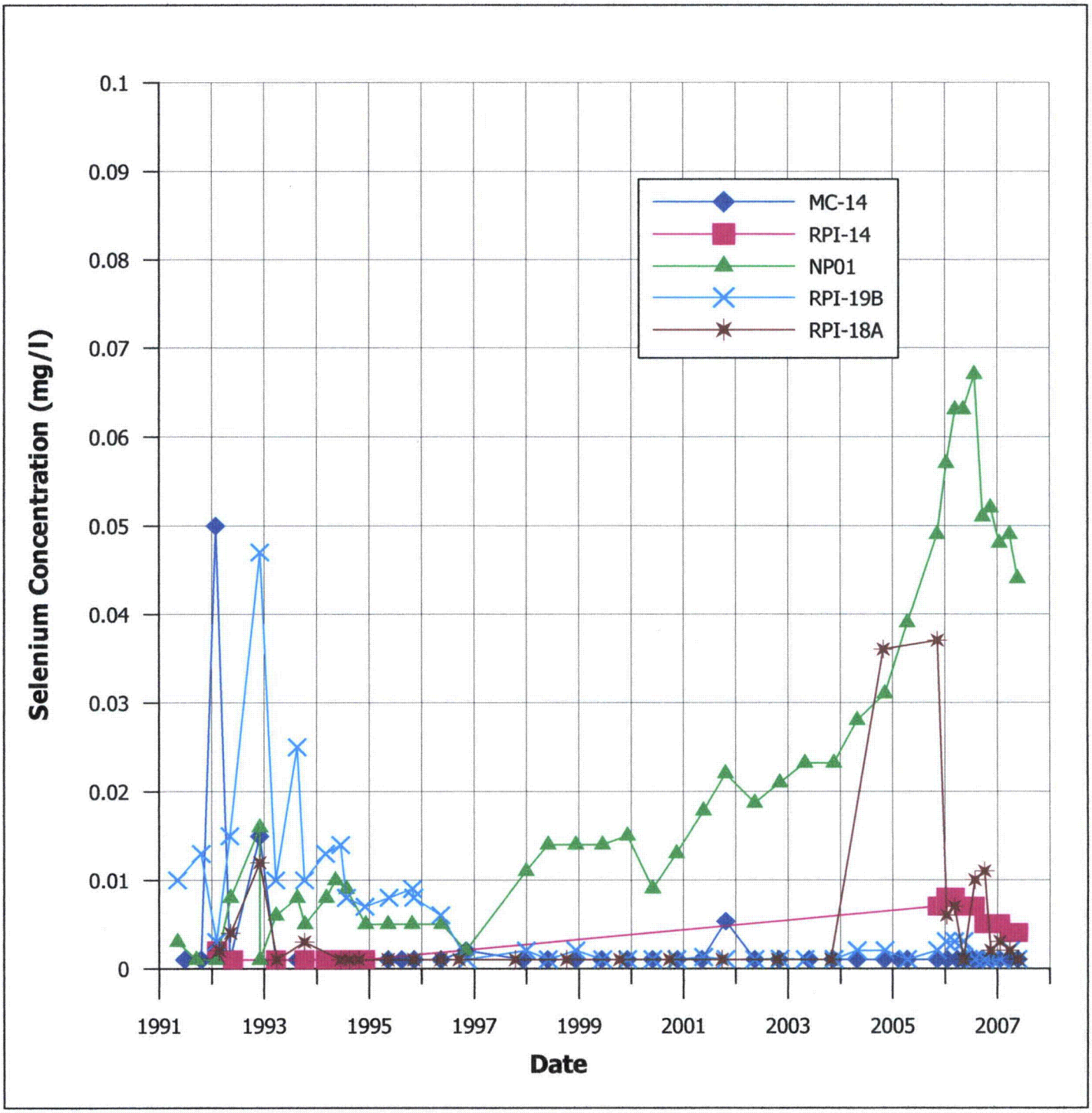


Figure 10. Selenium Concentration Versus Time For Wells MC-14, RPI-14, NP01, RPI-19B, and RPI-18A

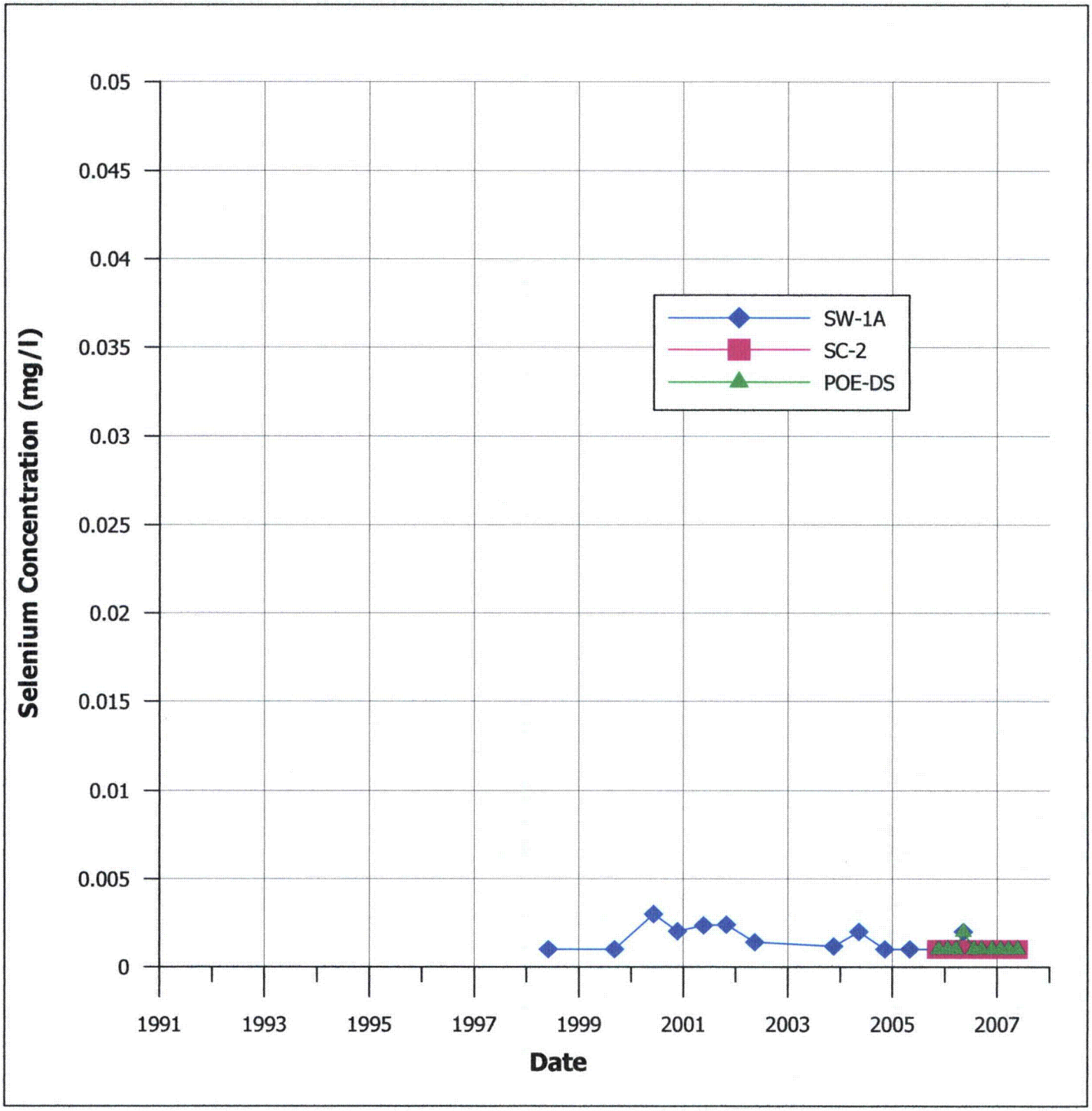
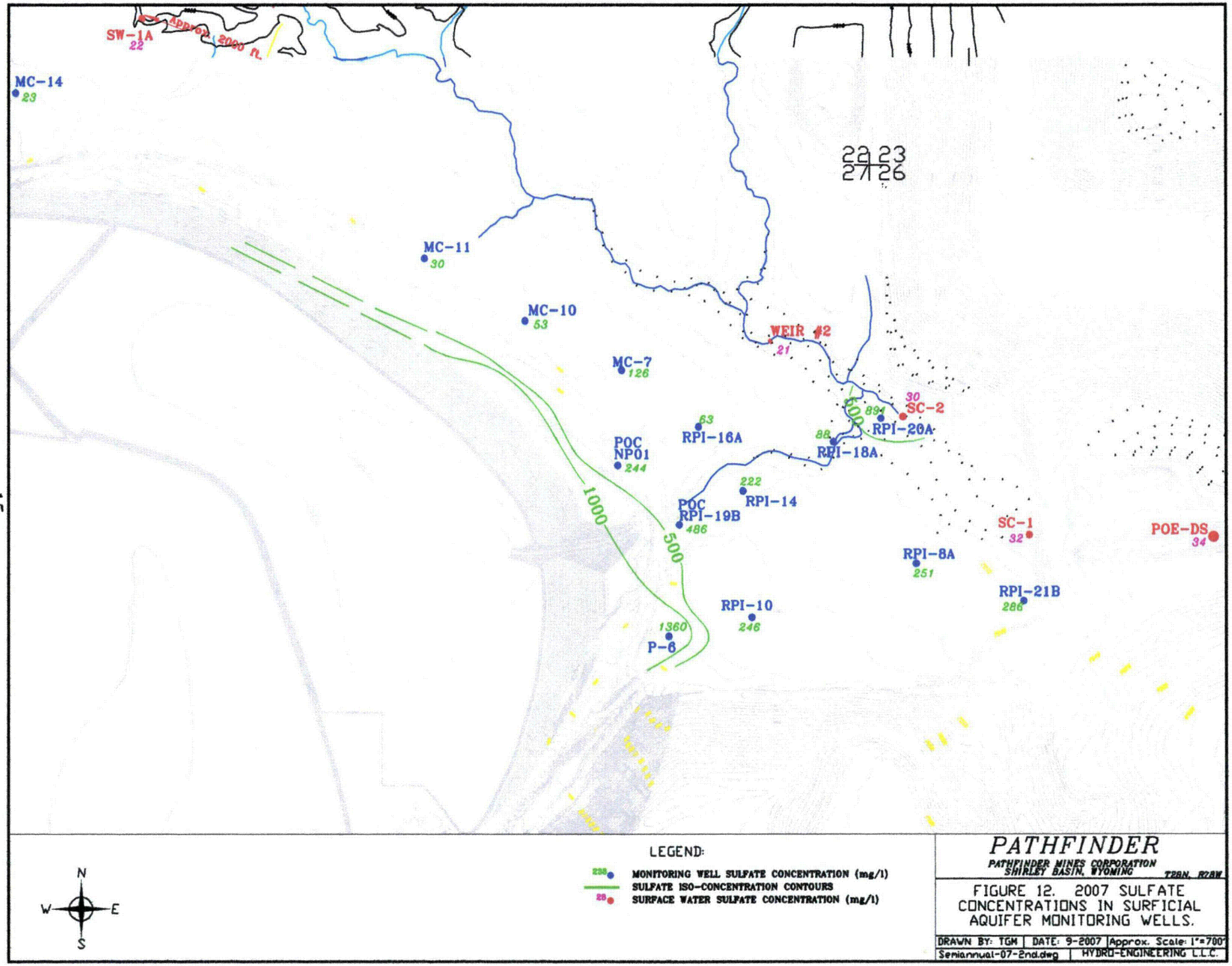


Figure 11. Selenium Concentration Versus Time For Surface Water Sample Locations SW-1A, SC-2, and POE-DS


SW-1A
22
Approx. 2000 ft.
MC-14
23
MC-11
30
MC-10
53
MC-7
126
WEIR 42
21
22 23
27 26
30
SC-2
891
RPI-20A
88
RPI-18A
63
RPI-16A
POC
NP01
244
222
RPI-14
POC
RPI-19B
486
1000
500
500
SC-1
32
POE-DS
34
RPI-8A
251
RPI-21B
286
RPI-10
246
1360
P-6
15
N
W
E
S
LEGEND:
238
MONITORING WELL SULFATE CONCENTRATION (mg/l)
SULFATE ISO-CONCENTRATION CONTOURS
25
SURFACE WATER SULFATE CONCENTRATION (mg/l)
PATHFINDER
PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING
T29N, R78W
FIGURE 12. 2007 SULFATE CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS.
DRAWN BY: TGM
DATE: 9-2007
Approx. Scale: 1"=700'
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HYDRO-ENGINEERING L.L.C.

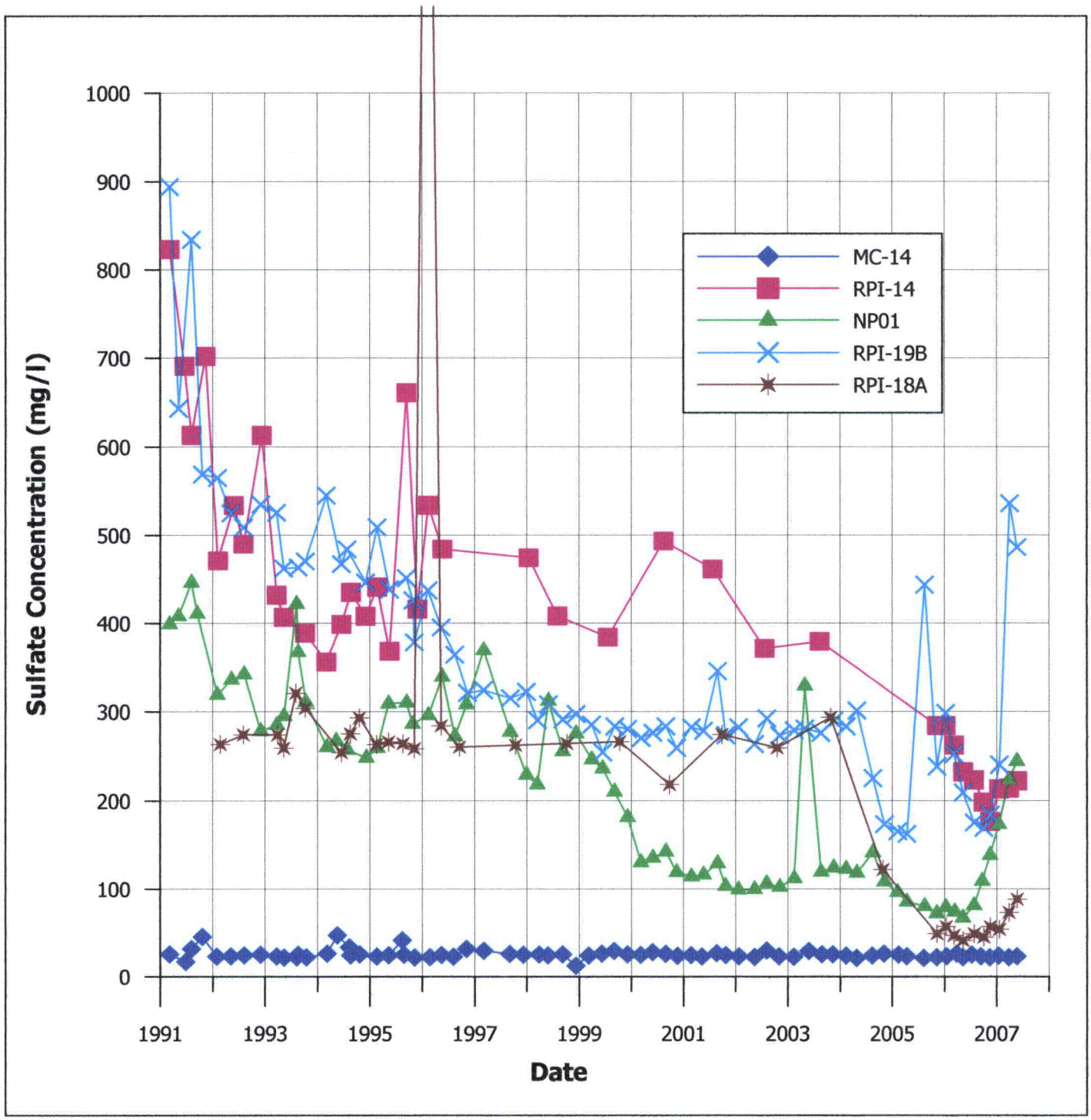


Figure 13. Sulfate Concentration Versus Time For Wells MC-14, RPI-14, NP01, RPI-19B and RPI-18A

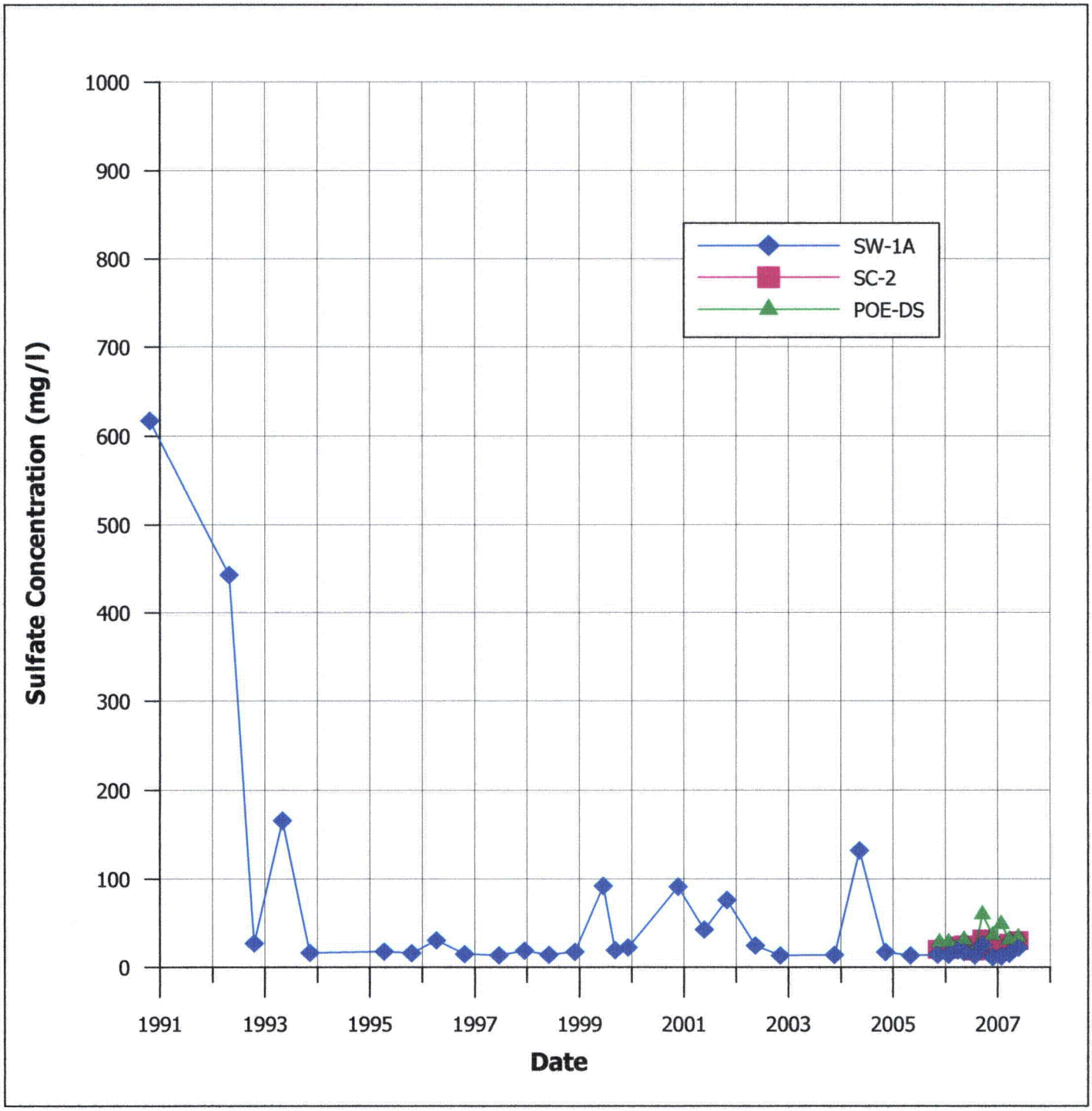
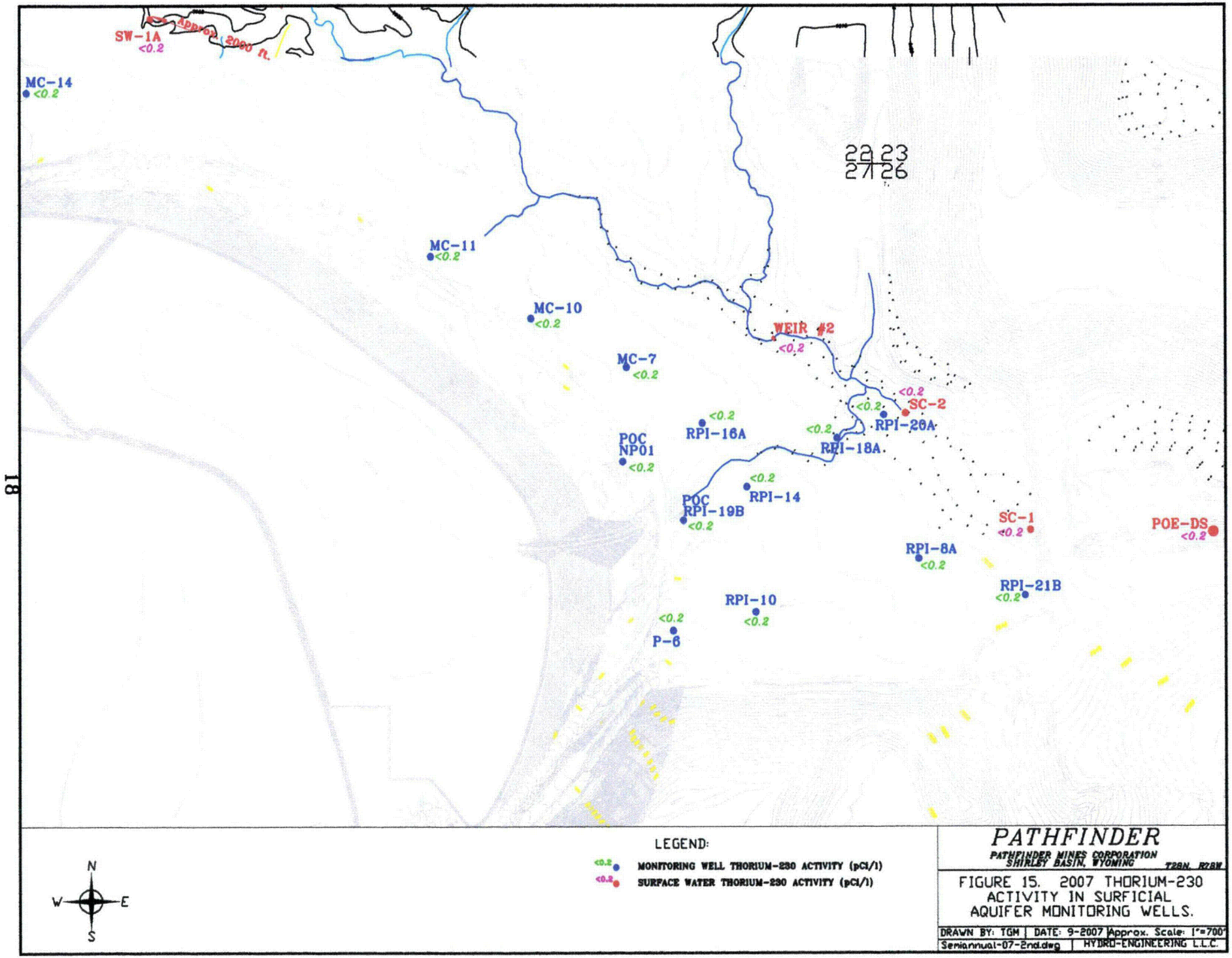


Figure 14. Sulfate Concentration Versus Time For Surface Water Sample Locations SW-1A, SC-2 and POE-DS


SW-1A
<0.2
Approx. 2000 ft.
MC-14
<0.2
22 23
27 26
MC-11
<0.2
MC-10
<0.2
WEIR #2
<0.2
MC-7
<0.2
<0.2
SC-2
<0.2
<0.2
RPI-20A
<0.2
RPI-16A
POC
NP01
<0.2
RPI-18A
<0.2
RPI-14
POC
RPI-19B
<0.2
SC-1
<0.2
POE-DS
<0.2
RPI-8A
<0.2
RPI-21B
<0.2
RPI-10
<0.2
<0.2
P-6
18
N
W
E
S
LEGEND:
<0.2 MONITORING WELL THORIUM-230 ACTIVITY (pCi/l)
<0.2 SURFACE WATER THORIUM-230 ACTIVITY (pCi/l)
PATHFINDER
PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING
T28N, R78W
FIGURE 15. 2007 THORIUM-230 ACTIVITY IN SURFICIAL AQUIFER MONITORING WELLS.
DRAWN BY: TGM | DATE: 9-2007 | Approx. Scale: 1"=700'
Semiannual-07-2nd.dwg | HYDRO-ENGINEERING L.L.C.

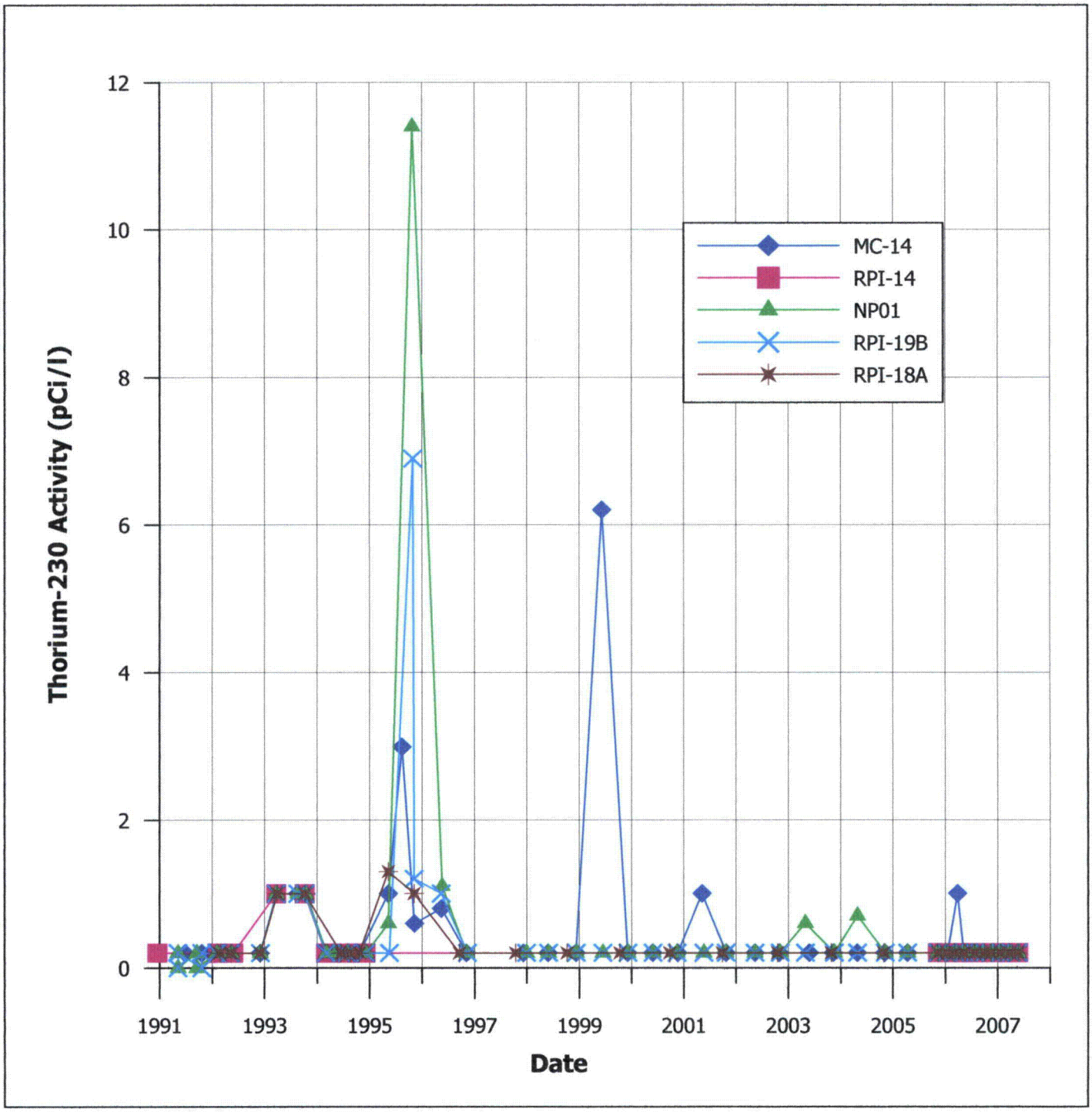


Figure 16. Thorium-230 Activity Versus Time For Wells MC-14, RPI-14, NP01, RPI-19B and RPI-18A

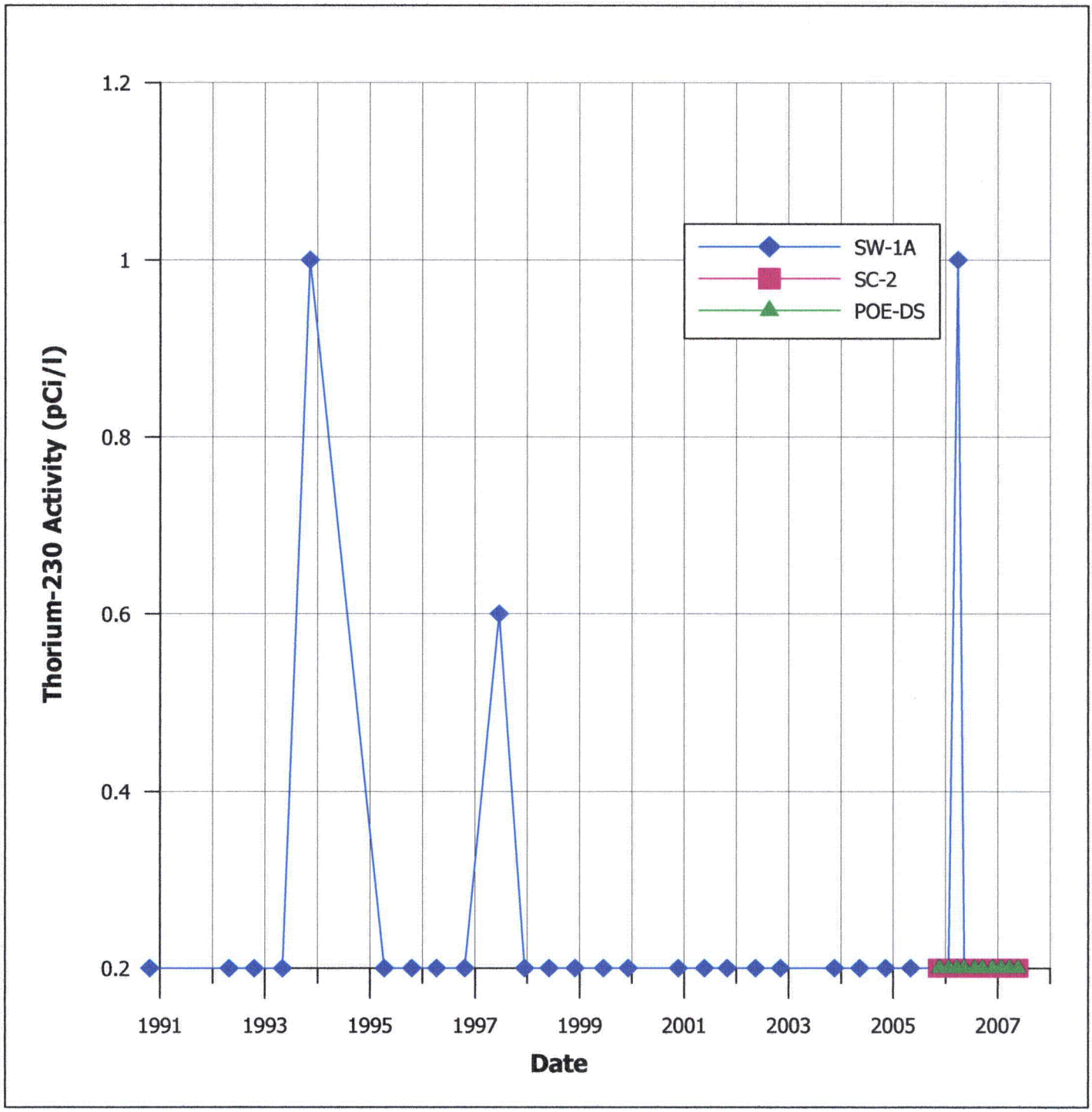
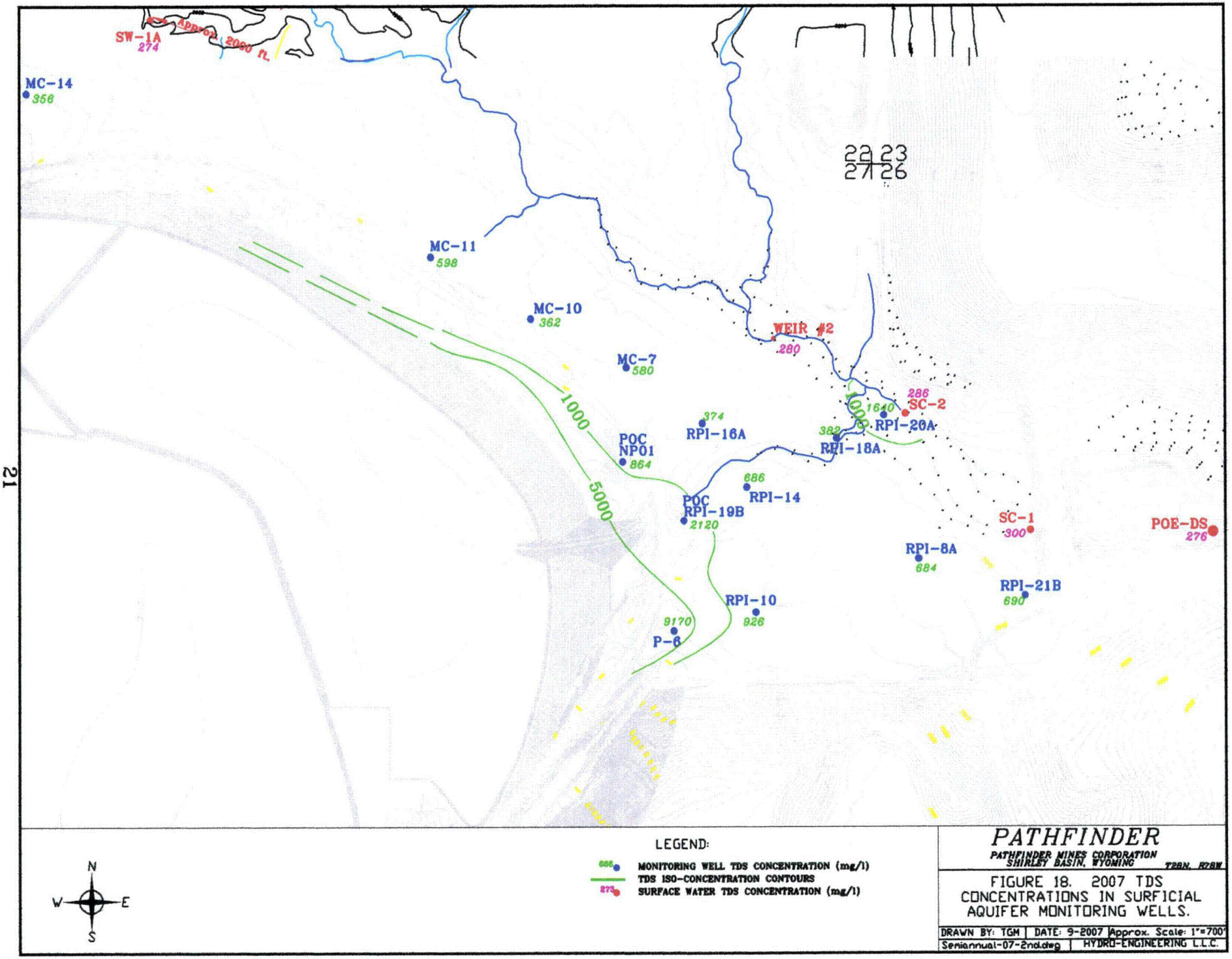


Figure 17. Thorium-230 Activity Versus Time For Surface Water Sample Locations SW-1A, SC-2 and POE-DS


SW-1A
274
Approx. 2000 ft.
MC-14
356
MC-11
598
MC-10
362
MC-7
580
WEIR #2
280
286
SC-2
1640
RPI-20A
374
RPI-16A
382
RPI-18A
POC
NP01
864
686
RPI-14
POC
RPI-19B
2120
1000
5000
SC-1
300
POE-DS
276
RPI-8A
684
RPI-21B
690
RPI-10
926
9170
P-6
22 23
27 26
21
N
W
E
S
LEGEND:
MONITORING WELL TDS CONCENTRATION (mg/l)
TDS ISO-CONCENTRATION CONTOURS
SURFACE WATER TDS CONCENTRATION (mg/l)
PATHFINDER
PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING
T28N, R78W
FIGURE 18. 2007 TDS CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS.
DRAWN BY: TGM
DATE: 9-2007
Approx. Scale: 1"=700'
Semiannual-07-2nd.dwg
HYDRO-ENGINEERING L.L.C.

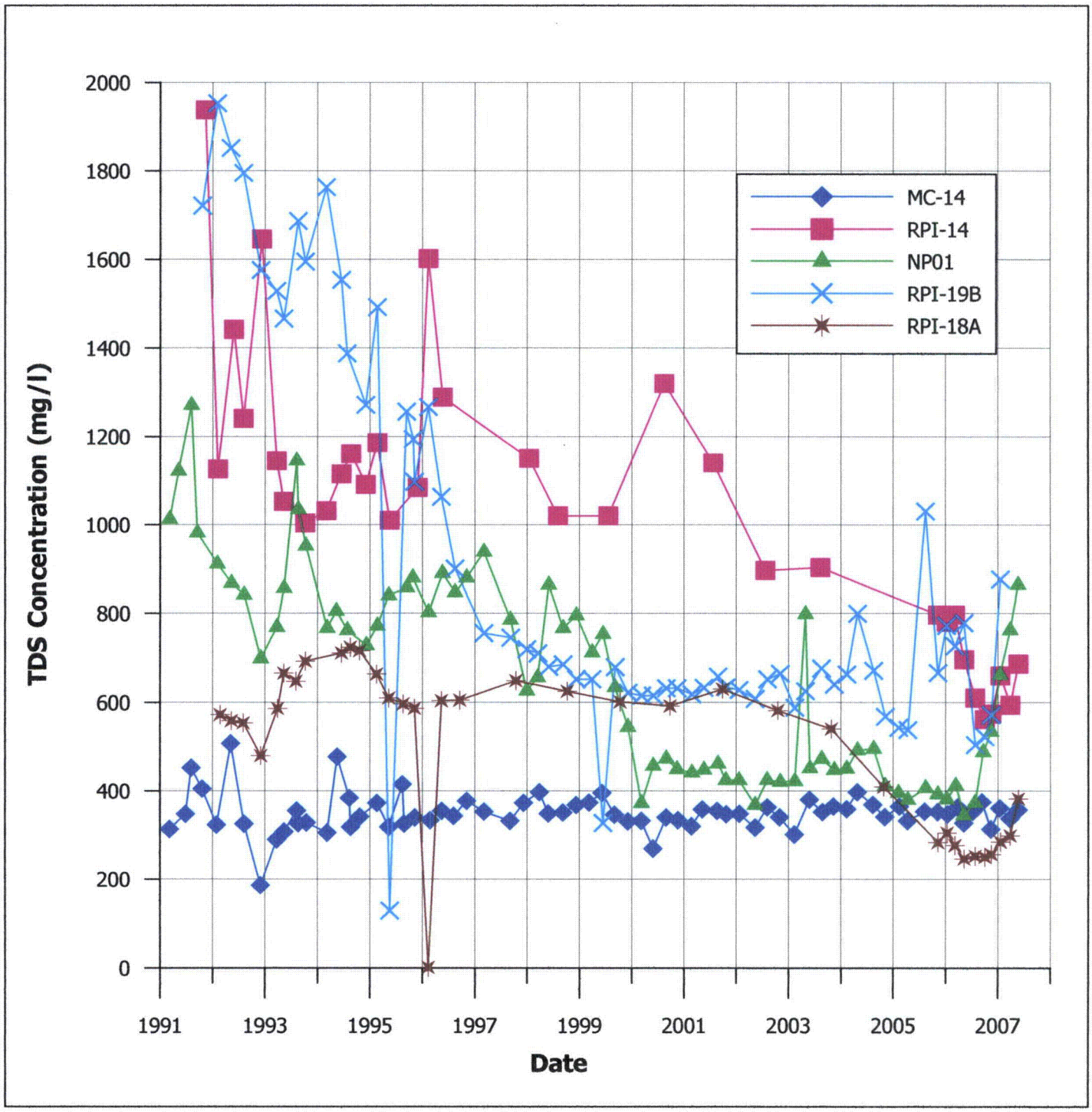


Figure 19. TDS Concentration Versus Time For Wells MC-14, RPI-14, NP01, RPI-19B and RPI-18A

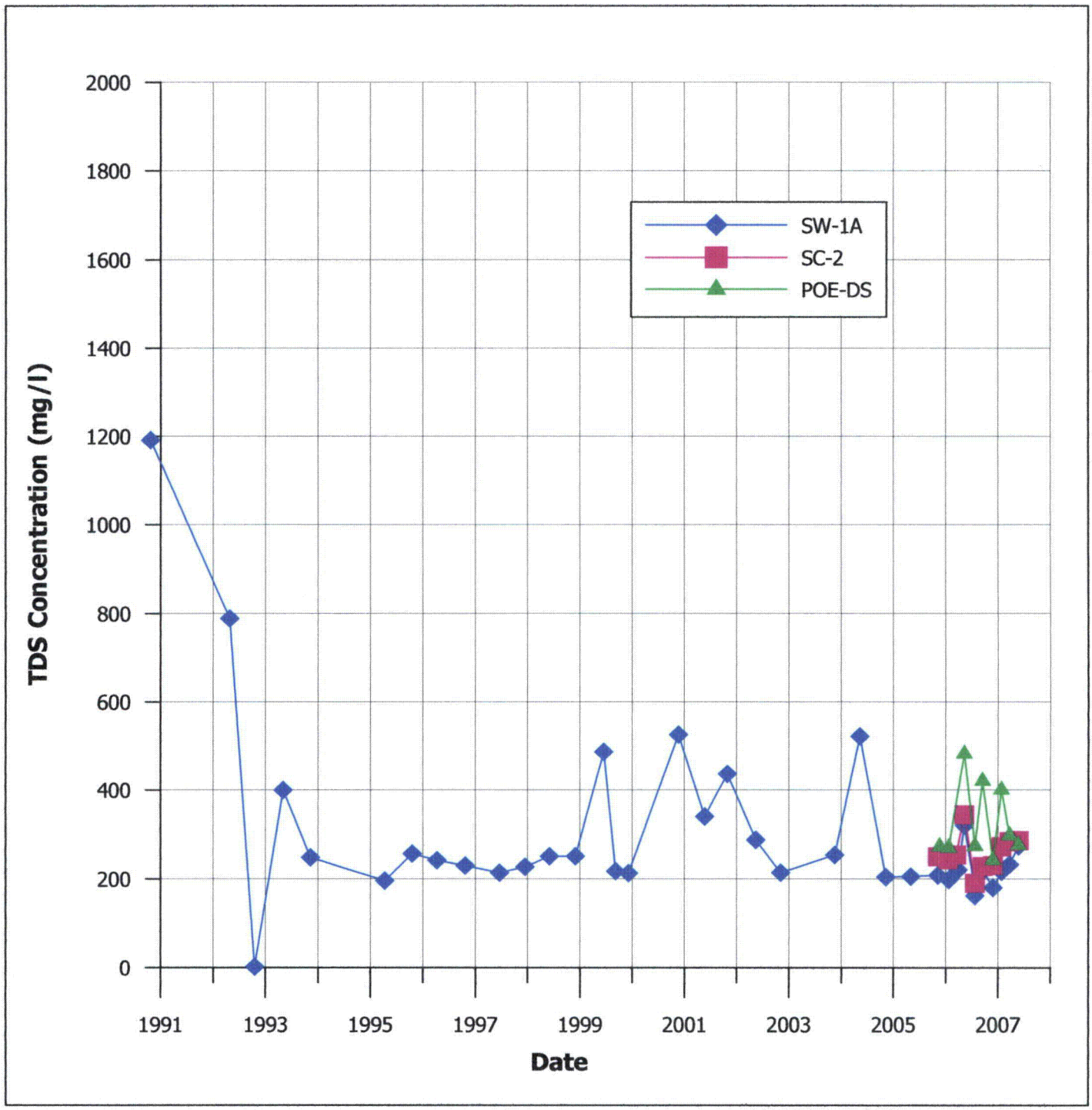
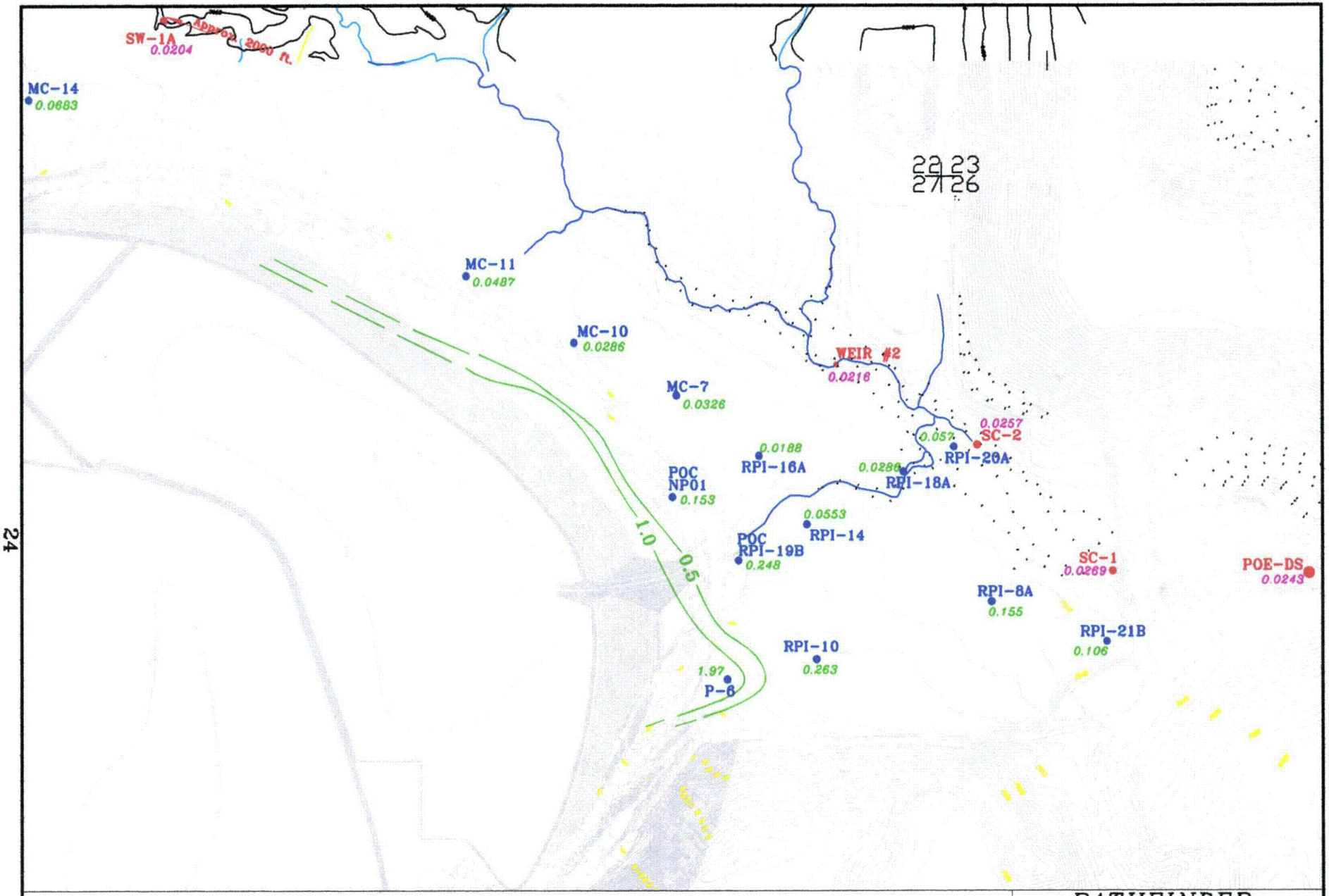


Figure 20. TDS Concentration Versus Time For Surface Water Sample Locations SW-1A, SC-2 and POE-DS


SW-1A
0.0204
Approx. 2000 ft.
MC-14
0.0683
22 23
27 26
MC-11
0.0487
MC-10
0.0286
WEIR #2
0.0216
MC-7
0.0326
0.0257
SC-2
0.0188
RPI-16A
0.0286
RPI-20A
RPI-18A
POC
NP01
0.153
0.0553
RPI-14
POC
RPI-19B
0.248
1.0
0.5
SC-1
0.0269
POE-DS
0.0243
RPI-8A
0.155
RPI-21B
0.106
RPI-10
0.263
1.97
P-6
24
N
W
E
S
LEGEND:
0.0148
MONITORING WELL URANIUM CONCENTRATION (mg/l)
URANIUM ISO-CONCENTRATION CONTOURS
0.0232
SURFACE WATER URANIUM CONCENTRATION (mg/l)
PATHFINDER
PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING
T29N, R78W
FIGURE 21. 2007 URANIUM CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS.
DRAWN BY: TGM
DATE: 9-2007
Approx. Scale: 1"=700'
Semiannual-07-2nd.dwg
HYDRO-ENGINEERING L.L.C.

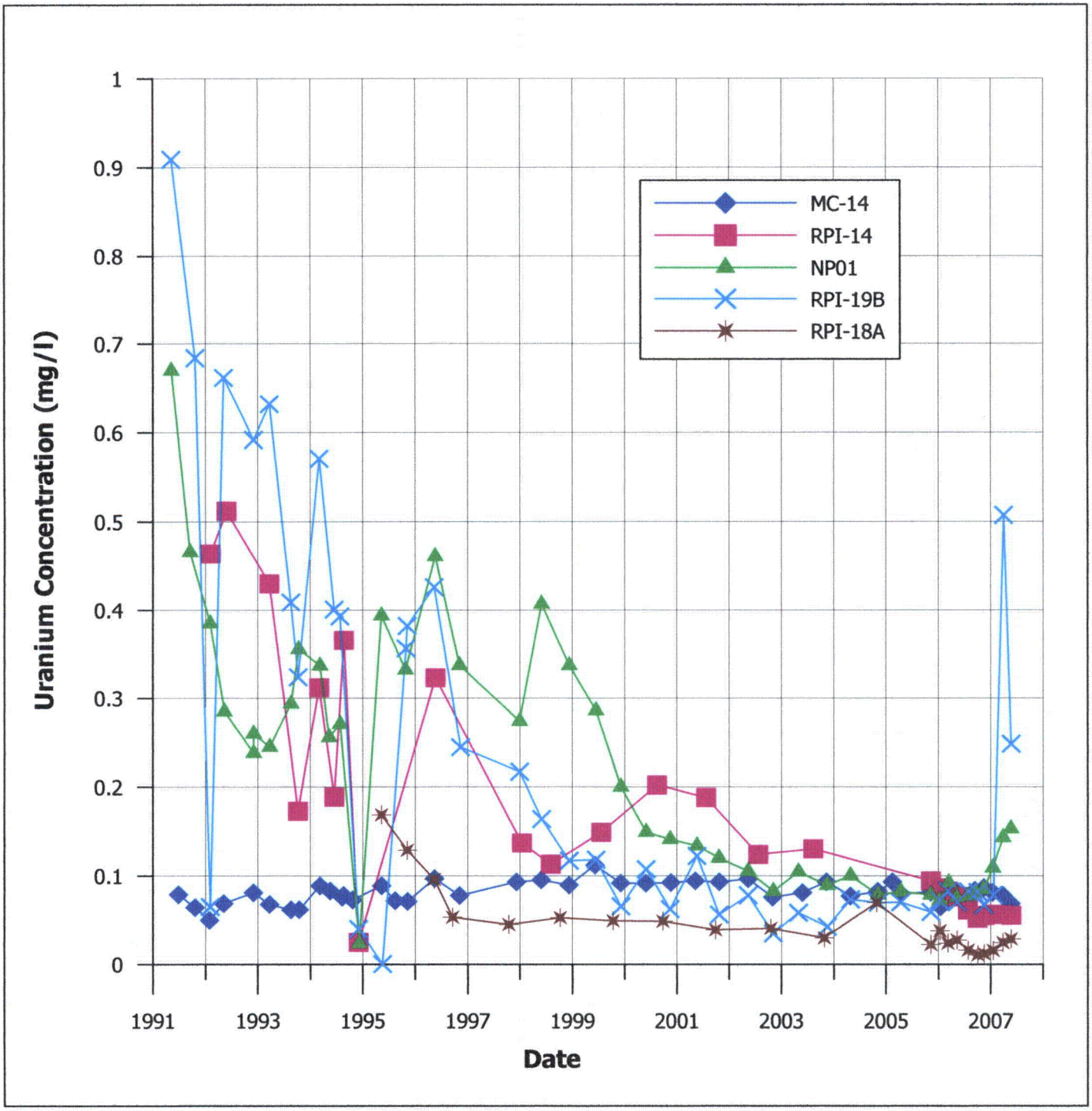


Figure 22. Uranium Concentration Versus Time For Wells MC-14, RPI-14, NP01, RPI-19B and RPI-18A

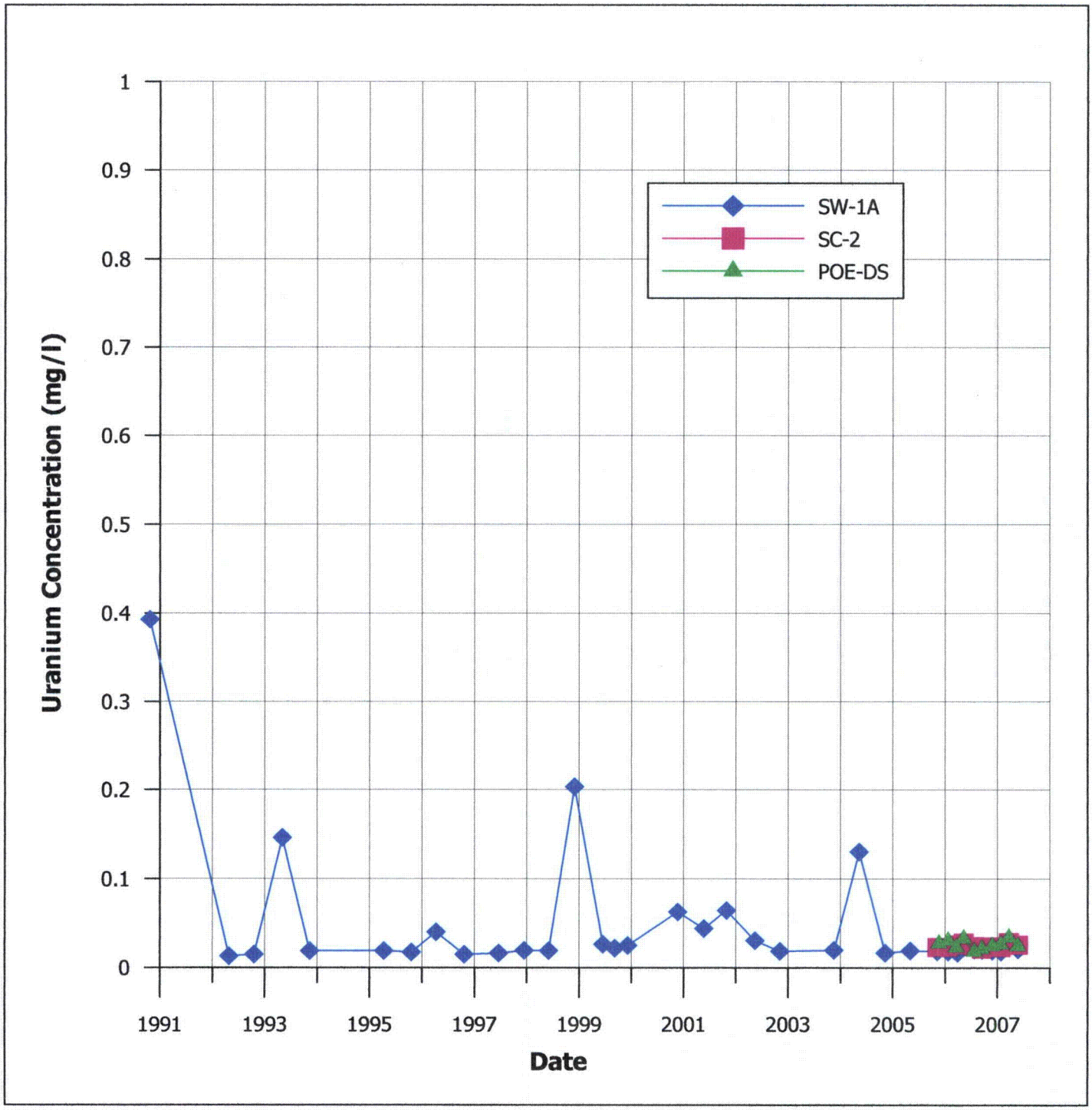


Figure 23. Uranium Concentration Versus Time For Surface Water Sample Locations SW-1A, SC-2 and POE-DS

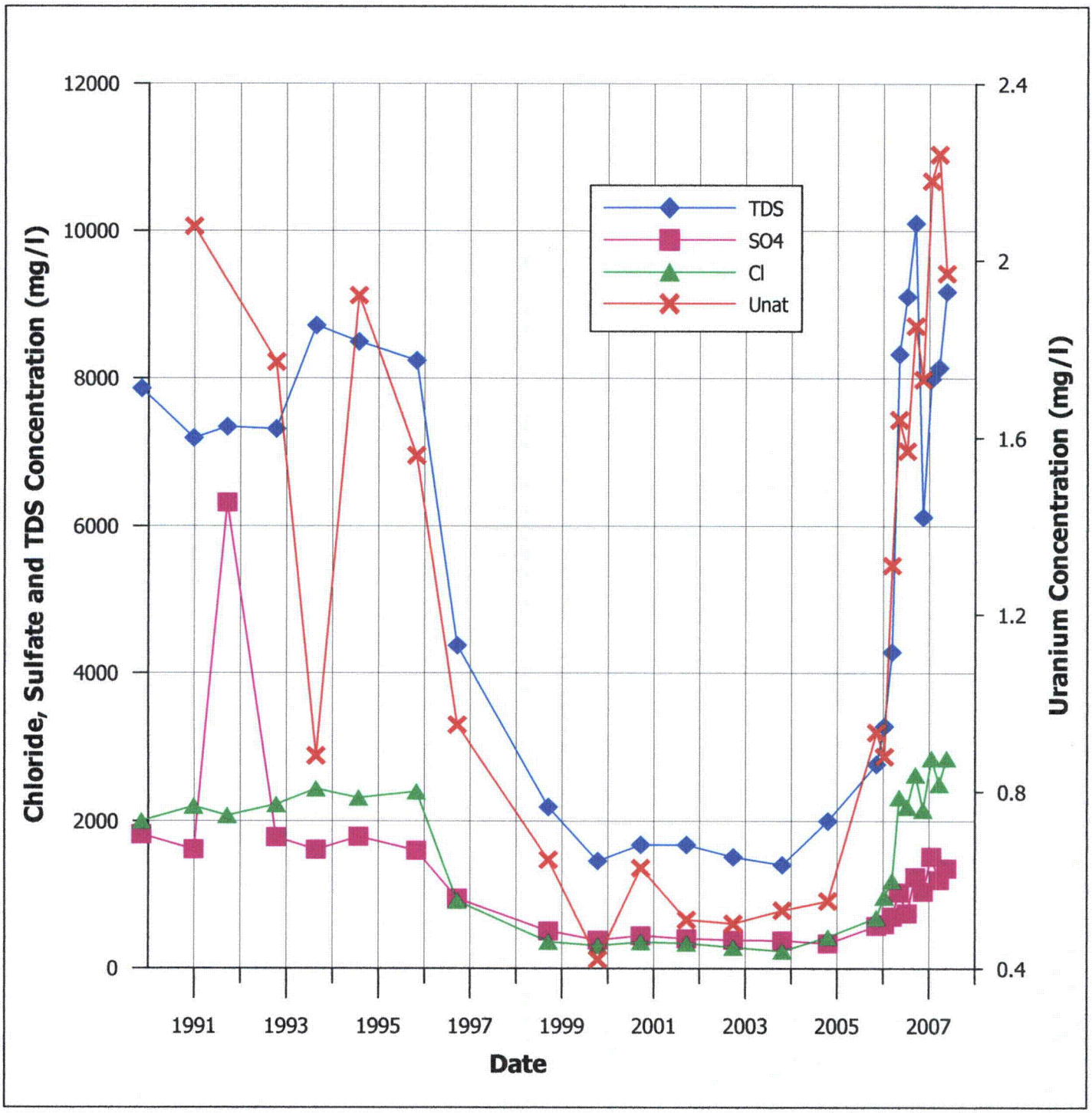


Figure 24. Chloride, Sulfate, TDS and Uranium Concentration Versus Time For Well P-6

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA

Sample Point Name	Date	WL (feet)	WL_ELEV (ft-msl)	pH(f) (std. units)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	Se (mg/l)
MC07	2/10/2004	12.25	7037.36	7.60	547	374	84.5	14.7	—	—
	4/26/2004	11.72	7037.89	7.50	535	349	50.9	14.9	0.0140	0.044
	8/12/2004	11.92	7037.69	7.90	448	323	51.0	14.0	—	—
	11/4/2004	12.10	7037.51	7.80	441	316	48.0	14.0	0.0112	0.056
	2/3/2005	12.71	7036.90	7.85	446	323	42.0	14.0	—	—
	4/11/2005	12.52	7037.09	7.35	419	262	38.0	13.0	0.0141	0.070
	8/8/2005	12.17	7037.44	7.00	426	279	39.0	13.0	—	—
	11/7/2005	12.80	7036.81	7.57	471	310	37.0	12.0	0.0178	0.079
	1/16/2006	12.85	7036.76	6.85	529	272	40.0	13.0	0.0185	0.083
	3/27/2006	13.64	7035.97	7.41	702	284	43.0	18.0	0.0206	0.083
	5/9/2006	13.00	7036.61	7.77	493	372	41.0	12.0	0.0181	0.080
	7/11/2006	13.01	7036.60	7.40	491	280	41.0	13.0	0.0173	0.084
	9/13/2006	13.17	7036.44	7.37	552	316	44.0	22.0	0.0215	0.067
	11/14/2006	13.30	7036.31	7.26	518	302	58.0	39.0	0.0222	0.058
	1/15/2007	13.51	7036.10	7.49	582	382	66.0	54.0	0.0264	0.049
	3/26/2007	13.22	7036.39	8.65	635	426	87.0	66.0	0.0345	0.041
	5/21/2007	12.39	7037.22	7.24	892	580	126.0	108.0	0.0326	0.028
MC10	6/10/2004	11.15	7041.45	8.10	505	310	41.3	20.7	0.0370	—
	11/21/2005	14.73	7037.87	7.92	518	344	42.0	15.0	0.0303	0.035
	1/16/2006	14.75	7037.85	7.07	654	316	44.0	18.0	0.0247	0.035
	3/27/2006	15.23	7037.37	8.10	556	316	46.0	20.0	0.0254	0.036
	5/9/2006	14.34	7038.26	8.37	560	298	43.0	24.0	0.0240	0.034
	7/11/2006	14.04	7038.56	7.85	536	322	45.0	27.0	0.0247	0.027
	9/13/2006	14.55	7038.05	7.54	642	372	48.0	44.0	0.0381	0.027
	11/14/2006	14.79	7037.81	7.04	579	390	54.0	71.0	0.0400	0.023
	1/15/2007	14.90	7037.70	7.31	539	354	50.0	44.0	0.0307	0.029
	3/26/2007	15.14	7037.46	8.76	587	360	58.0	52.0	0.0347	0.027
	5/21/2007	13.58	7039.02	7.76	583	362	53.0	45.0	0.0286	0.026
MC11	2/11/2004	12.97	7043.54	7.10	966	599	27.2	200.8	—	—
	4/27/2004	12.49	7044.02	7.45	990	657	35.2	123.0	0.0510	0.003
	8/13/2004	12.24	7044.27	8.00	1081	647	35.0	207.0	—	—
	11/4/2004	12.99	7043.52	7.45	950	607	32.0	213.0	0.0480	0.002
	2/3/2005	13.91	7042.60	7.60	1049	675	32.0	226.0	—	—
	4/11/2005	13.63	7042.88	6.85	1023	581	26.0	216.0	0.0483	0.001
	8/9/2005	13.02	7043.49	7.20	1096	613	26.0	218.0	—	—
	11/8/2005	13.68	7042.83	6.61	1131	627	24.0	211.0	0.0464	< 0.001
	1/16/2006	13.61	7042.90	6.37	1439	604	24.0	228.0	0.0441	0.001
	3/27/2006	14.02	7042.49	7.67	1184	614	27.0	222.0	0.0442	< 0.001
	5/9/2006	13.23	7043.28	7.22	1276	624	32.0	239.0	0.0509	0.001

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA

Sample Point Name	Date	WL (feet)	WL_ELEV (ft-msl)	pH(f) (std. units)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	Se (mg/l)
MC11	7/11/2006	12.54	7043.97	7.80	1143	642	23.0	235.0	0.0369	< 0.001
	9/13/2006	12.53	7043.98	7.17	592	642	27.0	221.0	0.0489	< 0.001
	11/14/2006	12.88	7043.63	6.76	804	568	25.0	236.0	0.0461	< 0.001
	1/15/2007	12.65	7043.86	7.57	1019	612	30.0	219.0	0.0509	0.001
	3/26/2007	13.76	7042.75	8.31	1025	624	28.0	243.0	0.0505	0.001
	5/21/2007	12.35	7044.16	7.36	1094	598	30.0	389.0	0.0487	0.001
MC14	2/11/2004	22.44	7062.27	7.20	529	358	24.1	10.5	—	—
	4/27/2004	22.27	7062.44	7.50	560	397	21.2	17.7	0.0770	< 0.001
	8/13/2004	22.98	7061.73	8.05	504	368	24.0	12.0	—	—
	11/5/2004	23.03	7061.68	7.20	528	340	26.0	15.0	0.0821	< 0.001
	2/14/2005	23.17	7061.54	7.10	530	364	25.0	13.0	0.0931	0.001
	4/11/2005	23.35	7061.36	7.10	530	331	23.0	17.0	0.0797	< 0.001
	8/9/2005	23.36	7061.35	7.35	570	352	21.0	16.0	—	—
	11/8/2005	23.37	7061.34	6.58	610	351	22.0	16.0	0.0812	< 0.001
	1/16/2006	23.45	7061.26	6.80	798	346	23.0	20.0	0.0647	< 0.001
	3/27/2006	23.73	7060.98	7.80	610	362	26.0	24.0	0.0797	< 0.001
	5/9/2006	23.15	7061.56	7.89	616	326	22.0	27.0	0.0812	< 0.001
	7/11/2006	23.32	7061.39	7.45	607	352	25.0	27.0	0.0744	< 0.001
	9/13/2006	23.34	7061.37	7.50	1132	374	23.0	31.0	0.0834	< 0.001
	11/14/2006	23.18	7061.53	7.31	430	312	22.0	26.0	0.0863	< 0.001
	1/15/2007	23.48	7061.23	7.74	502	360	24.0	41.0	0.0810	0.001
	3/26/2007	24.16	7060.55	8.41	513	336	22.0	28.0	0.0779	< 0.001
	5/21/2007	23.76	7060.95	7.64	533	356	23.0	27.0	0.0683	< 0.001
NP01	1/2/2004	13.98	7037.83	—	—	—	—	—	—	—
	2/2/2004	14.08	7037.73	—	—	—	—	—	—	—
	2/12/2004	14.11	7037.70	7.30	659	450	122.6	25.6	—	—
	3/4/2004	14.00	7037.81	—	—	—	—	—	—	—
	4/1/2004	13.54	7038.27	—	—	—	—	—	—	—
	4/28/2004	13.51	7038.30	8.00	677	492	118.0	38.6	0.1000	0.028
	5/3/2004	13.51	7038.30	—	—	—	—	—	—	—
	6/7/2004	13.65	7038.16	—	—	—	—	—	—	—
	7/6/2004	13.55	7038.26	—	—	—	—	—	—	—
	8/2/2004	13.58	7038.23	—	—	—	—	—	—	—
	8/18/2004	13.58	7038.23	7.70	649	495	141.0	24.0	—	—
	9/10/2004	13.60	7038.21	—	—	—	—	—	—	—
	10/1/2004	14.02	7037.79	—	—	—	—	—	—	—
	11/1/2004	14.15	7037.66	—	—	—	—	—	—	—
	11/8/2004	14.05	7037.76	7.30	578	411	108.0	19.0	0.0784	0.031
	12/1/2004	14.38	7037.43	—	—	—	—	—	—	—

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA

Sample Point Name	Date	WL (feet)	WL_ELEV (ft-msl)	pH(f) (std. units)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	Se (mg/l)
NP01	2/7/2005	14.45	7037.36	7.10	653	395	96.0	35.0	—	—
	4/14/2005	15.69	7036.12	7.20	575	379	85.0	28.0	0.0818	0.039
	8/15/2005	26.90	7024.91	7.45	636	406	80.0	16.0	—	—
	11/8/2005	14.38	7037.43	6.75	658	392	72.0	25.0	0.0783	0.049
	1/11/2006	14.41	7037.40	7.05	571	380	79.0	19.0	0.0723	0.057
	3/14/2006	14.56	7037.25	8.10	655	412	74.0	34.0	0.0920	0.063
	5/10/2006	13.30	7038.51	7.69	704	344	67.0	29.0	0.0754	0.063
	7/26/2006	13.69	7038.12	7.30	715	372	81.0	32.0	0.0770	0.067
	9/21/2006	13.62	7038.19	6.91	701	488	109.0	63.0	0.0807	0.051
	11/15/2006	13.87	7037.94	6.55	806	534	138.0	89.0	0.0848	0.052
	1/16/2007	14.07	7037.74	7.52	1084	662	173.0	107.0	0.1090	0.048
	3/27/2007	13.25	7038.56	8.18	1126	762	223.0	125.0	0.1430	0.049
	5/22/2007	12.42	7039.39	7.79	1167	864	244.0	138.0	0.1530	0.044
P-6	10/20/2004	27.72	7030.48	6.40	2110	2000	337.0	424.0	0.5520	0.092
	11/10/2005	24.21	7033.99	4.76	3800	2770	577.0	689.0	0.9330	0.073
	1/11/2006	23.81	7034.39	5.98	4200	3280	600.0	970.0	0.8790	0.068
	3/14/2006	23.90	7034.30	6.88	5700	4280	703.0	1190.0	1.3100	0.074
	5/10/2006	22.25	7035.95	6.57	8810	8320	1030.0	2320.0	1.6400	0.051
	7/11/2006	22.11	7036.09	6.60	5840	9100	749.0	2190.0	1.5700	0.044
	9/15/2006	22.13	7036.07	5.82	6400	10100	1240.0	2630.0	1.8500	0.034
	11/15/2006	22.18	7036.02	6.24	4700	6120	1040.0	2150.0	1.7300	0.043
	1/22/2007	22.43	7035.77	6.36	9580	7990	1520.0	2850.0	2.1800	0.034
	3/23/2007	22.52	7035.68	6.52	8070	8140	1200.0	2500.0	2.2400	0.034
	5/22/2007	21.38	7036.82	5.99	6960	9170	1360.0	2850.0	1.9700	0.034
RPI-8A	6/28/2004	8.81	7030.59	7.70	906	692	326.0	13.0	0.1030	< 0.001
	11/10/2005	11.39	7028.01	6.72	893	580	198.0	15.0	0.1190	0.029
	1/10/2006	11.02	7028.38	6.46	856	566	206.0	15.0	0.1490	0.035
	3/8/2006	11.11	7028.29	7.12	923	590	183.0	16.0	0.1300	0.033
	5/10/2006	10.89	7028.51	7.86	932	654	194.0	19.0	0.1510	0.033
	7/26/2006	10.94	7028.46	7.40	1033	530	205.0	16.0	0.1410	0.036
	9/21/2006	11.00	7028.40	7.30	691	562	226.0	16.0	0.1210	0.032
	11/15/2006	11.02	7028.38	6.94	743	650	236.0	61.0	0.1460	0.027
	1/17/2007	11.03	7028.37	7.94	796	558	222.0	21.0	0.1340	0.025
	3/27/2007	11.10	7028.30	8.52	772	560	235.0	19.0	0.1580	0.022
	5/22/2007	11.81	7027.59	6.20	817	684	251.0	31.0	0.1550	0.018
RPI-10	2/11/2004	14.29	7035.12	7.00	869	682	292.3	10.9	—	—
	8/19/2004	15.37	7034.04	7.65	828	656	295.0	11.0	—	—
	2/7/2005	16.62	7032.79	6.90	844	638	305.0	11.0	—	—
	11/10/2005	16.80	7032.61	8.26	889	638	283.0	11.0	0.2980	0.003

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA

Sample Point Name	Date	WL (feet)	WL_ELEV (ft-msl)	pH(f) (std. units)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	Se (mg/l)
RPI-10	1/9/2006	11.73	7037.68	6.02	1178	794	284.0	7.0	0.3160	0.003
	3/8/2006	16.78	7032.63	7.36	909	668	276.0	11.0	0.2920	0.004
	5/10/2006	16.13	7033.28	7.49	934	650	276.0	12.0	0.3300	0.004
	7/26/2006	15.75	7033.66	7.30	1032	640	276.0	11.0	0.3190	0.004
	10/2/2006	15.70	7033.71	6.65	775	700	316.0	15.0	0.3010	0.004
	11/15/2006	15.78	7033.63	6.84	722	610	291.0	14.0	0.2960	0.004
	1/17/2007	15.94	7033.47	7.26	839	664	303.0	24.0	0.2850	0.004
	3/27/2007	15.92	7033.49	7.76	903	674	270.0	74.0	0.3050	0.004
	5/23/2007	15.41	7034.00	7.34	1268	926	246.0	160.0	0.2630	0.004
RPI-14	11/10/2005	8.21	7033.69	6.38	1327	796	284.0	34.0	0.0940	0.007
	1/9/2006	8.16	7033.74	6.73	888	780	284.0	31.0	0.0861	0.008
	3/8/2006	7.85	7034.05	7.54	1128	796	262.0	30.0	0.0822	0.008
	5/11/2006	7.75	7034.15	7.58	1294	696	232.0	28.0	0.0762	0.007
	7/26/2006	8.04	7033.86	7.50	1239	610	223.0	21.0	0.0610	0.007
	10/2/2006	7.67	7034.23	7.43	793	562	198.0	16.0	0.0519	0.005
	11/16/2006	7.65	7034.25	7.25	782	574	176.0	19.0	0.0550	0.005
	1/18/2007	7.67	7034.23	7.68	852	660	213.0	22.0	0.0564	0.005
	3/28/2007	7.25	7034.65	6.70	734	594	214.0	21.0	0.0560	0.004
	5/23/2007	7.17	7034.73	8.53	1090	686	222.0	27.0	0.0553	0.004
RPI-16A	10/28/2004	10.71	7036.89	7.20	527	362	66.0	34.0	0.0203	0.049
	11/10/2005	11.21	7036.39	6.82	608	381	71.0	19.0	0.0228	0.056
	1/12/2006	11.51	7036.09	6.69	567	396	73.0	33.0	0.0215	0.065
	3/9/2006	11.80	7035.80	7.23	555	352	62.0	15.0	0.0224	0.073
	5/11/2006	11.14	7036.46	7.89	570	300	53.0	16.0	0.0227	0.076
	7/27/2006	11.33	7036.27	7.50	623	318	59.0	17.0	0.0236	0.082
	10/2/2006	11.20	7036.40	7.16	431	316	60.0	16.0	0.0215	0.072
	11/16/2006	11.28	7036.32	6.83	504	322	57.0	17.0	0.0204	0.074
	1/18/2007	11.45	7036.15	8.04	462	338	65.0	16.0	0.0212	0.070
	3/28/2007	11.22	7036.38	8.59	431	300	65.0	15.0	0.0224	0.062
	5/23/2007	11.31	7036.29	8.40	567	374	63.0	22.0	0.0188	0.071
RPI-18A	10/28/2004	2.66	7029.19	7.65	577	409	122.0	16.0	0.0696	0.036
	11/10/2005	7.14	7024.71	6.29	320	283	49.0	11.0	0.0222	0.037
	1/12/2006	4.69	7027.16	6.35	428	304	57.0	30.0	0.0376	0.006
	3/9/2006	3.68	7028.17	7.10	448	276	47.0	10.0	0.0236	0.007
	5/11/2006	4.06	7027.79	7.57	453	246	41.0	10.0	0.0274	< 0.001
	7/27/2006	6.25	7025.60	7.60	522	252	49.0	9.0	0.0159	0.010
	10/3/2006	5.95	7025.90	6.48	418	250	45.0	9.0	0.0107	0.011
	11/16/2006	5.17	7026.68	6.70	406	256	57.0	10.0	0.0117	< 0.002
	1/19/2007	4.77	7027.08	7.48	420	284	54.0	8.0	0.0155	0.003

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA

Sample Point Name	Date	WL (feet)	WL_ELEV (ft-msl)	pH(f) (std. units)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	Se (mg/l)
RPI-18A	3/28/2007	3.90	7027.95	8.37	435	298	73.0	10.0	0.0245	0.002
	5/23/2007	3.81	7028.04	8.05	592	382	88.0	10.0	0.0286	0.001
RPI-19B	2/13/2004	10.81	7036.00	7.85	947	663	282.9	10.4	—	—
	4/28/2004	10.84	7035.97	7.50	1063	799	301.0	10.8	0.0730	0.002
	8/19/2004	11.13	7035.68	7.80	901	671	225.0	16.0	—	—
	11/8/2004	11.49	7035.32	7.65	793	568	173.0	21.0	0.0693	0.002
	2/8/2005	11.84	7034.97	7.10	854	543	165.0	17.0	—	—
	4/14/2005	11.85	7034.96	7.10	800	538	162.0	15.0	0.0700	0.001
	8/15/2005	12.15	7034.66	7.35	1444	1030	443.0	12.0	—	—
	11/9/2005	12.13	7034.68	6.37	1018	666	238.0	21.0	0.0588	0.002
	1/9/2006	11.57	7035.24	6.93	1153	772	298.0	22.0	0.0720	0.003
	3/9/2006	11.03	7035.78	7.53	1179	726	252.0	22.0	0.0826	0.003
	5/11/2006	10.29	7036.52	7.57	925	778	209.0	21.0	0.0700	0.003
	7/27/2006	11.93	7034.88	7.60	870	504	175.0	23.0	0.0820	< 0.001
	10/3/2006	10.45	7036.36	6.70	758	522	169.0	28.0	0.0815	< 0.001
	11/16/2006	10.61	7036.20	6.82	825	572	184.0	68.0	0.0668	< 0.001
	1/19/2007	10.82	7035.99	7.46	1072	876	240.0	174.0	0.0782	< 0.001
	4/2/2007	9.75	7037.06	6.81	2580	2110	536.0	584.0	0.5070	0.002
	5/24/2007	9.41	7037.40	7.55	2740	2120	486.0	514.0	0.2480	0.001
RPI-20A	2/13/2004	5.48	7026.13	—	—	—	—	—	—	—
	4/28/2004	5.25	7026.36	7.30	1022	753	260.0	21.9	0.0190	0.001
	8/19/2004	5.86	7025.75	6.95	691	498	154.0	21.0	—	—
	11/8/2004	5.58	7026.03	7.50	718	515	185.0	25.0	0.0059	0.001
	2/8/2005	5.89	7025.72	7.15	822	536	168.0	22.0	—	—
	4/20/2005	5.85	7025.76	6.85	674	425	100.0	19.0	0.0118	< 0.001
	8/15/2005	7.00	7024.61	7.28	837	560	151.0	38.0	—	—
	11/9/2005	5.74	7025.87	6.46	1856	1390	763.0	28.0	0.0146	< 0.001
	1/10/2006	6.60	7025.01	6.03	1440	1060	539.0	26.0	0.0182	0.001
	3/9/2006	6.54	7025.07	7.52	1439	1040	481.0	26.0	0.0192	0.001
	5/11/2006	6.13	7025.48	7.31	1484	986	454.0	21.0	0.0690	< 0.001
	7/31/2006	* 7.83	7023.78	—	—	—	—	—	—	—
	10/3/2006	7.20	7024.41	6.64	948	772	320.0	25.0	0.0355	0.003
	11/28/2006	6.93	7024.68	6.95	982	772	365.0	28.0	0.0303	0.001
	1/22/2007	7.00	7024.61	6.90	1225	872	414.0	30.0	0.0346	0.002
	4/3/2007	6.86	7024.75	7.59	1378	982	489.0	48.0	0.0368	0.002
	5/24/2007	6.04	7025.57	7.35	1996	1640	891.0	34.0	0.0570	0.003
RPI-21B	2/13/2004	7.44	7029.20	7.90	889	652	377.2	9.8	—	—
	4/28/2004	7.72	7028.92	7.45	855	673	279.0	10.1	0.0810	0.001
	8/19/2004	8.57	7028.07	7.95	841	640	284.0	10.0	—	—

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA

Sample Point Name	Date	WL (feet)	WL_ELEV (ft-msl)	pH(f) (std. units)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	Se (mg/l)
RPI-21B	11/8/2004	9.13	7027.51	7.65	818	631	284.0	11.0	0.0648	0.003
	2/8/2005	9.85	7026.79	7.25	904	624	288.0	11.0	—	—
	4/20/2005	9.80	7026.84	7.25	910	608	280.0	12.0	0.0671	0.002
	8/15/2005	11.15	7025.49	6.85	907	652	270.0	723.0	—	—
	11/9/2005	11.18	7025.46	6.51	954	647	274.0	11.0	0.0679	0.002
	1/10/2006	11.44	7025.20	6.17	933	624	285.0	10.0	0.0763	0.002
	3/14/2006	11.79	7024.85	7.39	998	634	261.0	13.0	0.0916	0.002
	5/11/2006	11.38	7025.26	7.77	960	684	263.0	13.0	0.0684	< 0.001
	7/31/2006	11.72	7024.92	7.40	855	626	296.0	13.0	0.0945	0.005
	10/3/2006	11.74	7024.90	6.94	790	628	280.0	13.0	0.0865	0.005
	11/28/2006	11.82	7024.82	7.26	832	644	292.0	14.0	0.0943	0.005
	1/22/2007	11.93	7024.71	7.56	933	662	303.0	13.0	0.1020	0.007
	4/3/2007	11.71	7024.93	7.18	988	636	283.0	15.0	0.1080	0.007
	5/24/2007	11.53	7025.11	7.23	948	690	286.0	13.0	0.1060	0.008

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	Th230 (pCi/l)	Th230(e) (pCi/l)	Ra226 (pCi/l)	Ra226(e) (pCi/l)	Ra228 (pCi/l)	Ra228(e) (pCi/l)	Ra226+228 (pCi/l)	Alpha (pCi/l)
MC07	4/26/2004	< 0.200	—	< 0.200	—	< 1.000	—	< 1.20	< 1.00
	11/4/2004	< 0.200	—	< 0.200	—	< 1.000	—	< 1.20	1.50
	4/11/2005	< 0.200	—	0.400	± 0.30	< 1.000	—	< 1.40	1.10
	11/7/2005	< 0.200	—	1.500	± 0.60	< 1.000	—	< 2.50	1.10
	1/16/2006	< 0.200	—	0.400	± 0.30	< 1.000	—	< 1.40	< 1.00
	3/27/2006	< 1.000	—	0.700	± 0.40	< 1.000	—	< 1.70	< 1.00
	5/9/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/11/2006	< 0.200	—	1.300	± 0.40	< 1.000	—	< 2.30	1.60
	9/13/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	1.80
	11/14/2006	< 0.200	—	0.800	± 0.50	< 1.000	—	< 1.80	1.00
	1/15/2007	< 0.200	—	0.700	± 0.30	2.800	± 0.90	3.50	1.90
	3/26/2007	< 0.200	—	0.800	± 0.50	< 1.000	—	< 1.80	< 1.00
	5/21/2007	< 0.200	—	1.400	± 0.60	2.300	± 0.80	3.70	2.10
MC10	11/21/2005	< 0.200	—	0.800	± 0.40	< 1.000	—	< 1.80	1.80
	1/16/2006	< 0.200	—	< 0.200	—	< 1.000	—	< 1.20	< 1.00
	3/27/2006	< 1.000	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	5/9/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/11/2006	< 0.200	—	0.800	± 0.30	< 1.000	—	< 1.80	1.50
	9/13/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	1.70
	11/14/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	1/15/2007	< 0.200	—	< 0.200	± 0.20	3.100	± 0.90	< 3.30	< 1.00
	3/26/2007	< 0.200	—	0.800	± 0.50	< 1.000	—	< 1.80	< 1.00
	5/21/2007	< 0.200	—	< 0.200	± 0.20	2.100	± 0.80	< 2.30	< 1.00
MC11	4/27/2004	0.600	± 0.300	2.800	± 0.60	2.300	± 1.20	5.10	4.00
	11/4/2004	< 0.200	—	2.400	± 0.50	< 1.000	—	< 3.40	3.00
	4/11/2005	< 0.200	—	3.800	± 0.70	< 1.000	—	< 4.80	3.40
	11/8/2005	< 0.200	—	1.800	± 0.50	1.700	± 0.90	3.50	3.80
	1/16/2006	< 0.200	—	1.900	± 0.50	< 1.000	—	< 2.90	2.50
	3/27/2006	< 1.000	—	3.300	± 0.70	1.600	± 1.00	4.90	3.50
	5/9/2006	< 0.200	—	3.100	± 0.60	< 1.000	—	< 4.10	2.70
	7/11/2006	< 0.200	—	5.200	± 0.80	1.500	± 0.80	6.70	6.10
	9/13/2006	< 0.200	—	3.100	± 0.60	< 1.000	—	< 4.10	4.10
	11/14/2006	< 0.200	—	3.500	± 0.80	< 1.000	—	< 4.50	3.60
	1/15/2007	< 0.200	—	3.300	± 0.60	2.800	± 0.90	6.10	5.80
	3/26/2007	< 0.200	—	3.900	± 0.80	< 1.000	—	< 4.90	3.00
	5/21/2007	< 0.200	—	3.600	± 0.80	2.400	± 0.80	6.00	5.40
MC14	4/27/2004	< 0.200	—	0.900	± 0.40	< 1.000	—	< 1.90	1.00
	11/5/2004	< 0.200	—	0.300	± 0.30	< 1.000	—	< 1.30	< 1.00
	2/14/2005	—	—	0.900	± 0.20	—	—	—	—

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	Th230 (pCi/l)	Th230(e) (pCi/l)	Ra226 (pCi/l)	Ra226(e) (pCi/l)	Ra228 (pCi/l)	Ra228(e) (pCi/l)	Ra226+228 (pCi/l)	Alpha (pCi/l)
MC14	4/11/2005	< 0.200	—	1.200	± 0.40	< 1.000	—	< 2.20	1.90
	11/8/2005	< 0.200	—	4.900	± 0.80	< 1.000	—	< 5.90	1.70
	1/16/2006	< 0.200	—	0.600	± 0.30	< 1.000	—	< 1.60	1.00
	3/27/2006	< 1.000	—	0.500	± 0.30	< 1.000	—	< 1.50	1.00
	5/9/2006	< 0.200	—	0.700	± 0.30	< 1.000	—	< 1.70	< 1.00
	7/11/2006	< 0.200	—	1.200	± 0.40	< 1.000	—	< 2.20	2.90
	9/13/2006	< 0.200	—	0.700	± 0.30	< 1.000	—	< 1.70	1.40
	11/14/2006	< 0.200	—	1.200	± 0.50	< 1.000	—	< 2.20	1.40
	1/15/2007	< 0.200	—	1.000	± 0.30	< 1.000	—	< 2.00	1.10
	3/26/2007	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	1.30
	5/21/2007	< 0.200	—	1.000	± 0.50	2.400	± 0.80	3.40	1.50
NP01	4/28/2004	0.700	± 0.500	0.500	± 0.30	< 1.000	—	< 1.50	< 1.00
	11/8/2004	< 0.200	—	< 0.200	—	6.300	± 1.30	< 6.50	< 1.00
	4/14/2005	< 0.200	—	0.600	± 0.30	< 1.000	—	< 1.60	< 1.00
	11/8/2005	< 0.200	—	1.200	± 0.40	< 1.000	—	< 2.20	1.20
	1/11/2006	< 0.200	—	0.800	± 0.30	4.500	± 1.00	5.30	1.10
	3/14/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	5/10/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/26/2006	< 0.200	—	0.600	± 0.40	< 1.000	—	< 1.60	< 1.00
	9/21/2006	< 0.200	—	1.100	± 0.40	< 1.000	—	< 2.10	< 1.00
	11/15/2006	< 0.200	—	1.000	± 0.50	< 1.000	—	< 2.00	1.30
	1/16/2007	< 0.200	—	1.200	± 0.40	< 1.000	—	< 2.20	2.30
	3/27/2007	< 0.200	—	0.500	± 0.50	< 1.000	—	< 1.50	1.40
	5/22/2007	< 0.200	—	1.000	± 0.50	< 1.000	—	< 2.00	1.50
P-6	10/20/2004	< 0.200	—	0.800	± 0.40	< 1.000	—	< 1.80	1.20
	11/10/2005	< 0.200	—	2.500	± 0.50	4.100	± 1.00	6.60	2.20
	1/11/2006	< 0.200	—	2.600	± 0.60	5.100	± 1.00	7.70	1.80
	3/14/2006	< 0.200	—	1.500	± 0.50	2.100	± 0.80	3.60	2.50
	5/10/2006	< 0.200	—	1.600	± 0.40	< 1.000	—	< 2.60	1.90
	7/11/2006	< 0.200	—	3.800	± 0.60	1.400	± 0.70	5.20	5.40
	9/15/2006	< 0.200	—	3.700	± 0.70	< 1.000	—	< 4.70	6.50
	11/15/2006	< 0.200	—	4.800	± 0.90	1.700	± 0.90	6.50	4.30
	1/22/2007	< 0.200	—	2.700	± 0.50	2.400	± 0.80	5.10	2.00
	3/23/2007	< 0.200	—	2.000	± 0.40	2.600	± 1.00	4.60	2.70
	5/22/2007	< 0.200	—	2.500	± 0.60	4.300	± 0.90	6.80	3.80
RPI-8A	6/28/2004	< 0.200	—	0.400	± 0.30	< 1.000	—	< 1.40	—
	11/10/2005	< 0.200	—	0.800	± 0.40	< 1.000	—	< 1.80	< 1.00
	1/10/2006	< 0.200	—	0.700	± 0.40	1.200	± 0.90	1.90	< 1.00
	3/8/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	1.00

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	Th230 (pCi/l)	Th230(e) (pCi/l)	Ra226 (pCi/l)	Ra226(e) (pCi/l)	Ra228 (pCi/l)	Ra228(e) (pCi/l)	Ra226+228 (pCi/l)	Alpha (pCi/l)
RPI-8A	5/10/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/26/2006	< 0.200	—	1.600	± 0.50	< 1.000	—	< 2.60	1.40
	9/21/2006	< 0.200	—	1.100	± 0.40	< 1.000	—	< 2.10	< 1.00
	11/15/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	1/17/2007	< 0.200	—	1.200	± 0.40	< 1.000	—	< 2.20	2.10
	3/27/2007	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	5/22/2007	< 0.200	—	< 0.200	± 0.20	2.000	± 0.80	< 2.20	< 1.00
RPI-10	11/10/2005	< 0.200	—	1.800	± 0.50	< 1.000	—	< 2.80	< 1.00
	1/9/2006	< 0.200	—	0.900	± 0.50	< 1.000	—	< 1.90	< 1.00
	3/8/2006	< 0.200	—	1.000	± 0.40	< 1.000	—	< 2.00	1.90
	5/10/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/26/2006	< 0.200	—	1.400	± 0.50	< 1.000	—	< 2.40	1.60
	10/2/2006	< 0.200	—	3.200	± 0.60	< 1.000	—	< 4.20	4.50
	11/15/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	1/17/2007	< 0.200	—	0.900	± 0.30	< 1.000	—	< 1.90	1.00
	3/27/2007	< 0.200	—	0.600	± 0.40	< 1.000	—	< 1.60	< 1.00
	5/23/2007	< 0.200	—	0.700	± 0.50	3.200	± 0.80	3.90	1.00
RPI-14	11/10/2005	< 0.200	—	0.700	± 0.30	1.700	± 0.90	2.40	< 1.00
	1/9/2006	< 0.200	—	0.500	± 0.30	< 1.000	—	< 1.50	< 1.00
	3/8/2006	< 0.200	—	0.600	± 0.40	< 1.000	—	< 1.60	1.20
	5/11/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/26/2006	< 0.200	—	1.000	± 0.40	< 1.000	—	< 2.00	< 1.00
	10/2/2006	< 0.200	—	1.400	± 0.40	< 1.000	—	< 2.40	< 1.00
	11/16/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	1/18/2007	< 0.200	—	0.600	± 0.30	5.700	± 0.90	6.30	4.70
	3/28/2007	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	5/23/2007	< 0.200	—	< 0.200	± 0.20	1.800	± 0.80	< 2.00	< 1.00
RPI-16A	10/28/2004	< 0.200	—	< 0.200	± 1.00	1.600	—	< 1.80	< 1.00
	11/10/2005	< 0.200	—	0.500	± 0.30	< 1.000	—	< 1.50	< 1.00
	1/12/2006	0.200	—	0.600	± 0.30	4.100	± 1.00	4.70	< 1.00
	3/9/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	1.10
	5/11/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/27/2006	< 0.200	—	0.600	± 0.40	< 1.000	—	< 1.60	< 1.00
	10/2/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	11/16/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	1/18/2007	< 0.200	—	0.400	± 0.30	3.800	± 0.90	4.20	1.10
	3/28/2007	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	1.60
	5/23/2007	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	Th230 (pCi/l)	Th230(e) (pCi/l)	Ra226 (pCi/l)	Ra226(e) (pCi/l)	Ra228 (pCi/l)	Ra228(e) (pCi/l)	Ra226+228 (pCi/l)	Alpha (pCi/l)
RPI-18A	10/28/2004	< 0.200	—	< 0.200	—	< 1.000	—	< 1.20	< 1.00
	11/10/2005	< 0.200	—	< 0.200	—	< 1.000	—	< 1.20	< 1.00
	1/12/2006	< 0.200	—	0.500	± 0.30	5.400	± 1.00	5.90	< 1.00
	3/9/2006	< 0.200	—	0.300	± 0.30	< 1.000	—	< 1.30	1.30
	5/11/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/27/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	10/3/2006	< 0.200	—	0.600	± 0.30	< 1.000	—	< 1.60	1.10
	11/16/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	1/19/2007	< 0.200	—	< 0.200	± 0.20	3.700	± 0.90	< 3.90	< 1.00
	3/28/2007	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	5/23/2007	< 0.200	—	< 0.200	± 0.20	3.100	± 0.80	< 3.30	< 1.00
RPI-19B	4/28/2004	< 0.200	—	< 0.200	—	< 1.000	—	< 1.20	< 1.00
	11/8/2004	< 0.200	—	0.600	± 0.50	< 1.000	—	< 1.60	< 1.00
	4/14/2005	< 0.200	—	0.600	± 0.30	< 1.000	—	< 1.60	1.50
	11/9/2005	< 0.200	—	1.200	± 0.40	1.600	± 0.90	2.80	1.40
	1/9/2006	< 0.200	—	0.800	± 0.60	< 1.000	—	< 1.80	< 1.00
	3/9/2006	< 0.200	—	0.700	± 0.40	< 1.000	—	< 1.70	1.60
	5/11/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/27/2006	< 0.200	—	0.800	± 0.60	< 1.000	—	< 1.80	< 1.00
	10/3/2006	< 0.200	—	0.600	± 0.30	< 1.000	—	< 1.60	< 1.00
	11/16/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	1/19/2007	< 0.200	—	0.500	± 0.30	3.000	± 0.80	3.50	< 1.00
	4/2/2007	< 0.200	—	1.400	± 0.60	< 1.000	—	< 2.40	1.10
	5/24/2007	< 0.200	—	0.900	± 0.50	2.400	± 0.80	3.30	1.40
RPI-20A	4/28/2004	< 0.200	—	0.400	± 0.30	< 1.000	—	< 1.40	< 1.00
	11/8/2004	< 0.200	—	< 0.200	—	< 1.000	—	< 1.20	< 1.00
	4/20/2005	0.200	± 0.200	0.200	± 0.30	< 1.000	—	< 1.20	< 1.00
	11/9/2005	< 0.200	—	2.300	± 0.50	1.700	± 0.90	4.00	2.20
	1/10/2006	< 0.200	—	1.400	± 0.40	1.300	± 0.90	2.70	< 1.00
	3/9/2006	< 0.200	—	0.500	± 0.30	< 1.000	—	< 1.50	1.20
	5/11/2006	< 0.200	—	0.500	± 0.30	< 1.000	—	< 1.50	1.00
	10/3/2006	< 0.200	—	0.600	± 0.30	< 1.000	—	< 1.60	< 1.00
	11/28/2006	< 0.200	—	< 0.200	± 0.20	4.000	± 0.90	< 4.20	< 1.00
	1/22/2007	< 0.200	—	0.700	± 0.30	< 1.000	—	< 1.70	< 1.00
	4/3/2007	< 0.200	—	0.700	± 0.50	< 1.000	—	< 1.70	1.60
	5/24/2007	< 0.200	—	1.000	± 0.50	2.900	± 0.80	3.90	1.50
RPI-21B	4/28/2004	< 0.200	—	0.600	± 0.40	< 1.000	—	< 1.60	< 1.00
	11/8/2004	< 0.200	—	0.400	± 0.30	< 1.000	—	< 1.40	< 1.00
	4/20/2005	0.200	± 0.200	0.800	± 0.40	< 1.000	—	< 1.80	< 1.00

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	Th230 (pCi/l)	Th230(e) (pCi/l)	Ra226 (pCi/l)	Ra226(e) (pCi/l)	Ra228 (pCi/l)	Ra228(e) (pCi/l)	Ra226+228 (pCi/l)	Alpha (pCi/l)
RPI-21B	11/9/2005	< 0.200	—	1.100	± 0.40	< 1.000	—	< 2.10	1.10
	1/10/2006	< 0.200	—	0.700	± 0.40	1.300	± 1.00	2.00	< 1.00
	3/14/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	5/11/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	7/31/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	10/3/2006	< 0.200	—	1.600	± 0.50	< 1.000	—	< 2.60	2.40
	11/28/2006	< 0.200	—	< 0.200	± 0.20	< 1.000	—	< 1.20	< 1.00
	1/22/2007	< 0.200	—	0.700	± 0.30	1.600	± 0.80	2.30	< 1.00
	4/3/2007	< 0.200	—	0.800	± 0.60	< 1.000	—	< 1.80	1.10
	5/24/2007	< 0.200	—	< 0.200	± 0.20	1.900	± 0.80	< 2.10	< 1.00

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Cr (mg/l)	Mo (mg/l)	Ni (mg/l)	Pb (mg/l)	NO3+NO2 (mg/l)
MC07	2/10/2004	—	—	—	—	—	—	—	—	1.03
	4/26/2004	0.002	0.038	< 0.001	< 0.001	0.002	0.006	< 0.003	< 0.001	0.98
	8/12/2004	—	—	—	—	—	—	—	—	0.93
	11/4/2004	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.00
	2/3/2005	—	—	—	—	—	—	—	—	0.90
	4/11/2005	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.40
	8/8/2005	—	—	—	—	—	—	—	—	0.50
	11/7/2005	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/16/2006	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.30
	3/27/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	—	0.50
	5/9/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.30
	7/11/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	9/13/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	11/14/2006	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.50
	1/15/2007	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/26/2007	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.80
	5/21/2007	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	2.00
MC10	11/21/2005	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.70
	1/16/2006	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.10
	3/27/2006	0.008	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	—	0.50
	5/9/2006	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	7/11/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	9/13/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	11/14/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/15/2007	0.007	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/26/2007	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.90
	5/21/2007	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.90
MC11	2/11/2004	—	—	—	—	—	—	—	—	< 0.10
	4/27/2004	0.002	0.094	< 0.001	< 0.001	0.002	< 0.001	0.004	< 0.001	0.10
	8/13/2004	—	—	—	—	—	—	—	—	< 0.10
	11/4/2004	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	2/3/2005	—	—	—	—	—	—	—	—	0.20
	4/11/2005	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	8/9/2005	—	—	—	—	—	—	—	—	< 0.10
	11/8/2005	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/16/2006	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/27/2006	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	—	< 0.10
	5/9/2006	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/11/2006	0.003	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Cr (mg/l)	Mo (mg/l)	Ni (mg/l)	Pb (mg/l)	NO3+NO2 (mg/l)
MC11	9/13/2006	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	11/14/2006	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/15/2007	0.003	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/26/2007	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	5/21/2007	0.002	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
MC14	2/11/2004	—	—	—	—	—	—	—	—	< 0.10
	4/27/2004	0.004	0.058	< 0.001	< 0.001	< 0.001	0.002	0.002	< 0.001	< 0.10
	8/13/2004	—	—	—	—	—	—	—	—	< 0.10
	11/5/2004	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	2/14/2005	0.004	< 0.100	—	< 0.005	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	4/11/2005	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	8/9/2005	—	—	—	—	—	—	—	—	< 0.10
	11/8/2005	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/16/2006	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/27/2006	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	—	< 0.10
	5/9/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/11/2006	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	9/13/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	11/14/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/15/2007	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/26/2007	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	5/21/2007	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
NP01	2/12/2004	—	—	—	—	—	—	—	—	0.79
	4/28/2004	0.005	0.048	< 0.001	< 0.001	0.002	0.006	0.004	< 0.001	0.82
	8/18/2004	—	—	—	—	—	—	—	—	1.90
	11/8/2004	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.20
	2/7/2005	—	—	—	—	—	—	—	—	0.60
	4/14/2005	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.50
	8/15/2005	—	—	—	—	—	—	—	—	0.30
	11/8/2005	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.80
	1/11/2006	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.00
	3/14/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.30
	5/10/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/26/2006	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.00
	9/21/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.10
	11/15/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.80
	1/16/2007	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/27/2007	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	2.70
	5/22/2007	0.004	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	3.10

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Cr (mg/l)	Mo (mg/l)	Ni (mg/l)	Pb (mg/l)	NO3+NO2 (mg/l)
P-6	10/20/2004	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	9.30
	11/10/2005	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	4.30
	1/11/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	5.30
	3/14/2006	0.005	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.80
	5/10/2006	0.006	0.200	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	2.60
	7/11/2006	0.007	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.60
	9/15/2006	0.005	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	11/15/2006	0.010	0.200	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.60
	1/22/2007	0.006	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/23/2007	0.009	0.200	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	3.90
	5/22/2007	0.010	0.200	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	3.30
RPI-8A	11/10/2005	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.10
	1/10/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.60
	3/8/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.60
	5/10/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/26/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.50
	9/21/2006	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.40
	11/15/2006	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.80
	1/17/2007	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/27/2007	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.20
	5/22/2007	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.10
RPI-10	2/11/2004	—	—	—	—	—	—	—	—	0.36
	8/19/2004	—	—	—	—	—	—	—	—	0.35
	2/7/2005	—	—	—	—	—	—	—	—	0.20
	11/10/2005	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.30
	1/9/2006	0.001	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	3/8/2006	0.001	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	5/10/2006	0.001	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/26/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.30
	10/2/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	11/15/2006	0.001	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	1/17/2007	0.001	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/27/2007	0.001	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.50
	5/23/2007	0.001	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.70
RPI-14	11/10/2005	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.80
	1/9/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.60
	3/8/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.80
	5/11/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/26/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.50

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Cr (mg/l)	Mo (mg/l)	Ni (mg/l)	Pb (mg/l)	NO3+NO2 (mg/l)
RPI-14	10/2/2006	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	11/16/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.40
	1/18/2007	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/28/2007	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.80
	5/23/2007	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.80
RPI-16A	10/28/2004	0.009	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.00
	11/10/2005	0.009	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.90
	1/12/2006	0.008	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.60
	3/9/2006	0.009	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.00
	5/11/2006	0.008	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/27/2006	0.009	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.00
	10/2/2006	0.009	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.40
	11/16/2006	0.009	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.60
	1/18/2007	0.008	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/28/2007	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.70
	5/23/2007	0.008	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	1.50
RPI-18A	10/28/2004	0.007	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	11/10/2005	0.007	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.30
	1/12/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/9/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	5/11/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/27/2006	0.006	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	10/3/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	11/16/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/19/2007	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/28/2007	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	5/23/2007	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
RPI-19B	2/13/2004	—	—	—	—	—	—	—	—	0.34
	4/28/2004	0.002	0.038	< 0.001	< 0.001	< 0.001	0.003	0.008	< 0.001	0.22
	8/19/2004	—	—	—	—	—	—	—	—	0.16
	11/8/2004	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	2/8/2005	—	—	—	—	—	—	—	—	< 0.10
	4/14/2005	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	8/15/2005	—	—	—	—	—	—	—	—	0.10
	11/9/2005	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	1/9/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	3/9/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.10
	5/11/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/27/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10

TABLE 2. MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA (cont'd.)

Sample Point Name	Date	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Cr (mg/l)	Mo (mg/l)	Ni (mg/l)	Pb (mg/l)	NO3+NO2 (mg/l)
RPI-19B	10/3/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	11/16/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/19/2007	0.001	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	4/2/2007	0.001	0.200	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	5/24/2007	0.001	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
RPI-20A	4/28/2004	0.018	0.037	< 0.001	< 0.001	< 0.001	0.001	0.007	< 0.001	< 0.10
	8/19/2004	—	—	—	—	—	—	—	—	< 0.10
	11/8/2004	0.023	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	2/8/2005	—	—	—	—	—	—	—	—	< 0.10
	4/20/2005	0.023	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	8/15/2005	—	—	—	—	—	—	—	—	< 0.10
	11/9/2005	0.024	0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/10/2006	0.021	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	3/9/2006	0.021	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	5/11/2006	0.002	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	10/3/2006	0.017	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	11/28/2006	0.016	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/22/2007	0.013	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	4/3/2007	0.013	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	5/24/2007	0.012	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
RPI-21B	2/13/2004	—	—	—	—	—	—	—	—	0.33
	4/28/2004	0.004	0.034	< 0.001	< 0.001	< 0.001	0.007	0.006	< 0.001	0.28
	8/19/2004	—	—	—	—	—	—	—	—	0.31
	11/8/2004	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.40
	2/8/2005	—	—	—	—	—	—	—	—	0.20
	4/20/2005	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.10
	8/15/2005	—	—	—	—	—	—	—	—	< 0.10
	11/9/2005	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	1/10/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.20
	3/14/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	5/11/2006	0.017	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	7/31/2006	0.004	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.40
	10/3/2006	0.005	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	11/28/2006	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	1/22/2007	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	< 0.10
	4/3/2007	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.60
	5/24/2007	0.003	< 0.100	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050	0.60

TABLE 3. SURFACE WATER MONITORING DATA

Sample Point Name	Date	pH(f) (std. units)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	Se (mg/l)	NO3+NO2 (mg/l)
POE-DS	11/21/2005	5.05	431	273	28	15.0	0.0272	0.001	< 0.1
	1/23/2006	6.28	452	270	28	14.0	0.0301	0.001	0.1
	3/20/2006	7.17	416	—	—	—	0.0227	< 0.001	—
	5/12/2006	7.95	464	482	31	17.0	0.0326	0.002	< 0.1
	7/24/2006	7.80	412	274	17	5.0	0.0180	< 0.001	< 0.1
	9/15/2006	7.42	358	420	60	75.0	0.0210	< 0.001	< 0.1
	11/27/2006	6.18	355	242	36	11.0	0.0245	< 0.001	0.3
	1/25/2007	7.78	384	400	49	62.0	0.0260	< 0.001	< 0.1
	3/22/2007	8.55	397	298	31	19.0	0.0340	0.001	< 0.1
	5/24/2007	8.05	398	276	34	15.0	0.0243	< 0.001	< 0.1
SC1	11/21/2005	6.33	424	260	27	18.0	0.0253	< 0.001	< 0.1
	1/19/2006	6.51	375	252	20	13.0	0.0227	0.001	0.1
	3/20/2006	7.82	398	—	—	—	0.0220	0.002	—
	5/12/2006	8.30	427	276	27	16.0	0.0311	< 0.001	< 0.1
	7/24/2006	8.50	357	192	16	5.0	0.0242	< 0.001	< 0.1
	9/15/2006	7.44	288	230	33	9.0	0.0199	< 0.001	< 0.1
	11/27/2006	6.36	400	230	21	13.0	0.0238	< 0.001	< 0.1
	1/25/2007	7.89	858	688	57	31.0	0.0656	0.003	< 0.1
	3/22/2007	8.71	392	290	29	16.0	0.0312	< 0.001	0.3
	5/25/2007	7.71	407	300	32	16.0	0.0269	< 0.001	< 0.1
SC2	11/8/2005	6.50	389	250	20	14.0	0.0228	< 0.001	0.2
	1/19/2006	6.48	379	243	20	14.0	0.0227	0.001	0.1
	3/15/2006	8.29	421	254	24	17.0	0.0256	0.001	< 0.1
	5/12/2006	8.47	414	344	25	16.0	0.0277	0.001	< 0.1
	7/24/2006	8.20	358	190	18	4.0	0.0240	< 0.001	< 0.1
	9/15/2006	7.81	261	228	32	10.0	0.0210	< 0.001	< 0.1
	11/27/2006	6.37	372	230	21	14.0	0.0235	< 0.001	< 0.1
	1/25/2007	8.00	331	272	20	10.0	0.0229	< 0.001	< 0.1
	3/22/2007	8.76	363	284	27	14.0	0.0284	0.001	0.3
	5/25/2007	7.67	399	286	30	15.0	0.0257	< 0.001	< 0.1
SW-1A	5/13/2004	7.15	751	521	132	40.2	0.1300	0.002	< 0.1
	11/9/2004	7.20	287	204	17	6.0	0.0164	< 0.001	0.4
	5/2/2005	6.80	265	205	13	2.0	0.0189	0.001	< 0.1
	11/8/2005	6.91	324	208	14	3.0	0.0181	< 0.001	0.4
	1/23/2006	6.24	315	198	14	2.0	0.0178	0.001	0.3
	3/28/2006	7.60	308	220	19	4.0	0.0165	< 0.001	0.2
	5/12/2006	8.53	321	320	17	3.0	0.0238	0.002	0.4
	7/24/2006	8.75	308	180	13	3.0	0.0202	< 0.001	< 0.1
	9/18/2006	7.69	297	218	25	3.0	0.0198	0.001	< 0.1

TABLE 3. SURFACE WATER MONITORING DATA

Sample Point Name	Date	pH(f) (std. units)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	Se (mg/l)	NO3+NO2 (mg/l)
SW-1A	11/27/2006	6.74	267	180	11	2.0	0.0188	< 0.001	< 0.1
	1/26/2007	7.93	354	216	12	2.0	0.0177	< 0.001	< 0.1
	3/23/2007	8.48	396	232	15	2.0	0.0240	< 0.001	0.5
	5/25/2007	7.83	370	274	22	17.0	0.0204	< 0.001	< 0.1
WEIR 2	11/21/2005	6.27	424	280	21	18.0	0.0232	< 0.001	0.3
	1/19/2006	6.66	637	252	19	13.0	0.0218	0.001	0.3
	3/15/2006	7.82	432	252	21	17.0	0.0256	0.001	0.5
	5/12/2006	8.43	409	206	23	15.0	0.0265	< 0.001	< 0.1
	7/24/2006	8.60	373	204	16	4.0	0.0228	< 0.001	< 0.1
	9/18/2006	7.54	358	234	21	9.0	0.0241	< 0.001	< 0.1
	11/27/2006	6.92	362	234	27	14.0	0.0229	< 0.001	< 0.1
	1/26/2007	8.21	275	266	19	11.0	0.0219	0.001	< 0.1
	3/22/2007	8.88	347	274	23	13.0	0.0269	0.001	0.3
	5/25/2007	7.80	373	280	21	14.0	0.0216	< 0.001	< 0.1

TABLE 3. SURFACE WATER MONITORING DATA

Sample Point Name	Date	pH(f) (std. units)	Cond(f) (µmhos)	TDS (mg/l)	SO4 (mg/l)	Cl (mg/l)	Unat (mg/l)	Se (mg/l)	NO3+NO2 (mg/l)
SW-1A	11/27/2006	6.74	267	180	11	2.0	0.0188	< 0.001	< 0.1
	1/26/2007	7.93	354	216	12	2.0	0.0177	< 0.001	< 0.1
	3/23/2007	8.48	396	232	15	2.0	0.0240	< 0.001	0.5
	5/25/2007	7.83	370	274	22	17.0	0.0204	< 0.001	< 0.1
WEIR 2	11/21/2005	6.27	424	280	21	18.0	0.0232	< 0.001	0.3
	1/19/2006	6.66	637	252	19	13.0	0.0218	0.001	0.3
	3/15/2006	7.82	432	252	21	17.0	0.0256	0.001	0.5
	5/12/2006	8.43	409	206	23	15.0	0.0265	< 0.001	< 0.1
	7/24/2006	8.60	373	204	16	4.0	0.0228	< 0.001	< 0.1
	9/18/2006	7.54	358	234	21	9.0	0.0241	< 0.001	< 0.1
	11/27/2006	6.92	362	234	27	14.0	0.0229	< 0.001	< 0.1
	1/26/2007	8.21	275	266	19	11.0	0.0219	0.001	< 0.1
	3/22/2007	8.88	347	274	23	13.0	0.0269	0.001	0.3
	5/25/2007	7.80	373	280	21	14.0	0.0216	< 0.001	< 0.1

TABLE 3. SURFACE WATER MONITORING DATA (cont'd)

Sample Point Name	Date	Th230 (pCi/l)	Th230(e) (pCi/l)	Ra226 (pCi/l)	Ra226(e) (pCi/l)	Ra228 (pCi/l)	Ra228(e) (pCi/l)	Ra226+228 (pCi/l)	Alpha (pCi/l)	Alpha(e) (pCi/l)
POE-DS	11/21/2005	< 0.20	—	0.6	± 0.4	< 1.0	—	< 1.6	1.8	± 1.2
	1/23/2006	< 0.20	—	0.6	± 0.4	< 1.0	—	< 1.6	< 1.0	—
	3/20/2006	< 0.20	—	1.1	± 0.5	< 1.0	—	< 2.1	1.1	± 1.0
	5/12/2006	< 0.20	—	0.8	± 0.3	< 1.0	—	< 1.8	< 1.0	—
	7/24/2006	< 0.20	—	1.1	± 0.8	< 1.0	—	< 2.1	1.4	± 0.7
	9/15/2006	< 0.20	—	0.6	± 0.3	< 1.0	—	< 1.6	< 1.0	—
	11/27/2006	< 0.20	—	< 0.2	± 0.2	3.0	± 0.9	< 3.2	< 1.0	—
	1/25/2007	< 0.20	—	< 0.2	± 0.2	2.5	± 0.8	< 2.7	< 1.0	—
	3/22/2007	< 0.20	—	0.6	± 0.3	< 1.0	—	< 1.6	< 1.0	—
	5/24/2007	< 0.20	—	< 0.2	± 0.2	1.5	± 0.8	< 1.7	< 1.0	—
SC1	11/21/2005	< 0.20	—	0.5	± 0.3	< 1.0	—	< 1.5	< 1.0	—
	1/19/2006	< 0.20	—	0.6	± 0.3	< 1.0	—	< 1.6	< 1.0	—
	3/20/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	5/12/2006	< 0.20	—	0.5	± 0.3	< 1.0	—	< 1.5	< 1.0	—
	7/24/2006	< 0.20	—	1.2	± 0.5	< 1.0	—	< 2.2	1.6	± 0.7
	9/15/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	1.0	± 0.5
	11/27/2006	< 0.20	—	< 0.2	± 0.2	2.6	± 0.9	< 2.8	< 1.0	—
	1/25/2007	< 0.20	—	1.1	± 0.4	2.0	± 0.8	3.1	< 1.0	—
	3/22/2007	< 0.20	—	0.7	± 0.3	< 1.0	—	< 1.7	< 1.0	—
	5/25/2007	< 0.20	—	< 0.2	± 0.2	1.4	± 0.8	< 1.6	< 1.0	—
SC2	11/8/2005	< 0.20	—	1.4	± 0.6	< 1.0	—	< 2.4	1.0	± 0.7
	1/19/2006	< 0.20	—	0.4	± 0.3	< 1.0	—	< 1.4	< 1.0	—
	3/15/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	5/12/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	7/24/2006	< 0.20	—	0.7	± 0.4	< 1.0	—	< 1.7	1.7	± 0.8
	9/15/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	11/27/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	1/25/2007	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	3/22/2007	< 0.20	—	0.7	± 0.3	< 1.0	—	< 1.7	< 1.0	—
	5/25/2007	< 0.20	—	< 0.2	± 0.2	1.6	± 0.8	< 1.8	< 1.0	—
SW-1A	5/13/2004	< 0.20	—	< 0.2	—	< 1.0	—	< 1.2	< 1.0	—
	11/9/2004	< 0.20	—	< 0.2	—	1.3	± 1.2	< 1.5	< 1.0	—
	5/2/2005	< 0.20	—	1.2	± 0.6	1.3	± 1.1	2.5	< 1.0	—
	11/8/2005	< 0.20	—	0.8	± 0.4	1.6	± 0.9	2.4	< 1.0	—
	1/23/2006	< 0.20	—	0.5	± 0.4	< 1.0	—	< 1.5	< 1.0	—
	3/28/2006	< 1.00	—	0.6	± 0.3	< 1.0	—	< 1.6	< 1.0	—
	5/12/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	7/24/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	9/18/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—

TABLE 3. SURFACE WATER MONITORING DATA (cont'd)

Sample Point Name	Date	Th230 (pCi/l)	Th230(e) (pCi/l)	Ra226 (pCi/l)	Ra226(e) (pCi/l)	Ra228 (pCi/l)	Ra228(e) (pCi/l)	Ra226+228 (pCi/l)	Alpha (pCi/l)	Alpha(e) (pCi/l)
SW-1A	11/27/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	1/26/2007	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	3/23/2007	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	5/25/2007	< 0.20	—	< 0.2	± 0.2	2.5	± 0.8	< 2.7	< 1.0	—
WEIR 2	11/21/2005	< 0.20	—	0.6	± 0.3	< 1.0	—	< 1.6	1.0	± 1.0
	1/19/2006	< 0.20	—	0.5	± 0.3	< 1.0	—	< 1.5	1.2	± 0.7
	3/15/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	5/12/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	7/24/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	1.5	± 0.7
	9/18/2006	< 0.20	—	0.9	± 0.4	< 1.0	—	< 1.9	< 1.0	—
	11/27/2006	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	1/26/2007	< 0.20	—	< 0.2	± 0.2	< 1.0	—	< 1.2	< 1.0	—
	3/22/2007	< 0.20	—	7.5	± 0.8	< 1.0	—	< 8.5	7.6	± 0.6
	5/25/2007	< 0.20	—	< 0.2	± 0.2	1.9	± 0.8	< 2.1	< 1.0	—

TABLE 3. SURFACE WATER MONITORING DATA (cont'd)

Sample Point Name	Date	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Cr (mg/l)	Mo (mg/l)	Pb (mg/l)	Ni (mg/l)
POE-DS	11/21/2005	0.006	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/23/2006	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/20/2006	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/12/2006	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	7/24/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	9/15/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/27/2006	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/25/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/22/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	—	< 0.050
	5/24/2007	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
SC1	11/21/2005	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/19/2006	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/20/2006	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/12/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	7/24/2006	0.007	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	9/15/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/27/2006	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/25/2007	0.014	0.30	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/22/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	—	< 0.050
	5/25/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
SC2	11/8/2005	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/19/2006	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/15/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/12/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	7/24/2006	0.006	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	9/15/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/27/2006	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/25/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/22/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	—	< 0.050
	5/25/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
SW-1A	5/13/2004	0.003	0.09	< 0.001	< 0.001	< 0.001	0.004	< 0.001	0.003
	11/9/2004	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/2/2005	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/8/2005	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/23/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/28/2006	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	—	< 0.050
	5/12/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	7/24/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	9/18/2006	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050

TABLE 3. SURFACE WATER MONITORING DATA (cont'd)

Sample Point Name	Date	As (mg/l)	Ba (mg/l)	Be (mg/l)	Cd (mg/l)	Cr (mg/l)	Mo (mg/l)	Pb (mg/l)	Ni (mg/l)
SW-1A	11/27/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/26/2007	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/23/2007	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	—	< 0.050
	5/25/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
WEIR 2	11/21/2005	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/19/2006	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/15/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/12/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	7/24/2006	0.006	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	9/18/2006	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/27/2006	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	1/26/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/22/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	—	< 0.050
	5/25/2007	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050