

CIMARRON ENVIRONMENTAL RESPONSE TRUST
2017 Q3 Groundwater Gauging Evaluation
02W-Series Wells

Well	TD (ft. bgs)	TOC Elev (ft. AMSL)	July 31, 2017		Evaluation of July 2017 Data				
			DTW (ft)	GW Elev (ft AMSL)	Reject?	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
ALLUVIAL WELLS									
02W03	17	940.22	12.51	927.71	N	10.91	1.75	7.42	14.40
02W04	18	939.27	11.78	927.49	N	10.52	1.70	7.11	13.93
02W05	19	938.62	11.10	927.52	N	9.84	1.77	6.30	13.37
02W06	24	938.67	11.15	927.52	N	9.95	1.68	6.59	13.32
02W07	25	939.14	11.64	927.50	N	10.41	1.70	7.01	13.81
02W08	26	939.45	12.02	927.43	N	10.70	1.76	7.18	14.22
02W11	28	940.04	12.71	927.33	N	11.32	1.79	7.73	14.91
02W12	26	940.21	12.84	927.37	N	11.46	1.83	7.79	15.13
02W14	29	939.96	12.60	927.36	N	11.29	1.72	7.85	14.73
02W15	15	938.50	11.00	927.50	N	9.65	1.64	6.37	12.92
02W16	20	937.83	10.26	927.57	N	9.09	1.68	5.74	12.44
02W17	25	939.01	11.48	927.53	N	10.32	1.66	7.00	13.63
02W18	29	939.26	11.89	927.37	N	10.63	1.64	7.36	13.90
02W19	25	939.44	11.99	927.45	N	10.78	1.67	7.45	14.12
02W21	27	939.19	11.70	927.49	N	10.60	1.69	7.21	13.98
02W22	19	937.73	10.12	927.61	N	8.99	1.58	5.83	12.15
02W23	25	937.86	10.32	927.54	N	9.26	1.63	6.01	12.51
02W24	28	939.24	11.80	927.44	N	10.64	1.59	7.46	13.82
02W32	24	939.70	12.22	927.48	N	10.91	1.76	7.38	14.43
02W33	17	937.87	10.25	927.62	N	9.10	1.67	5.75	12.44
02W34	28	938.59	11.10	927.49	N	10.03	1.52	7.00	13.06
02W35	29	938.45	11.05	927.40	N	9.90	1.57	6.76	13.05
02W36	27	938.68	11.27	927.41	N	10.09	1.60	6.89	13.28
02W37	27	938.87	11.50	927.37	N	10.34	1.59	7.16	13.52
02W38	26	940.08	12.76	927.32	N	11.47	1.70	8.07	14.87
02W43	30	939.06	11.77	927.29	N	10.57	1.57	7.42	13.72
02W44	29	939.00	11.74	927.26	N	10.50	1.63	7.24	13.76
02W45	31	939.22	11.90	927.32	N	10.72	1.56	7.59	13.85
02W62	28	938.53	11.15	927.38	N	9.97	1.57	6.84	13.10
SANDSTONE B WELLS									
02W25	32	957.38	11.10	946.28	N	9.31	2.16	5.00	13.63
02W27	22	944.97	13.56	931.41	N	12.06	1.69	8.68	15.43
02W30	25	946.64	12.91	933.73	N	10.96	2.03	6.91	15.01
02W40	32	954.62	15.83	938.79	N	15.01	0.85	13.31	16.71
02W41	31	953.50	16.70	936.80	N	15.36	1.00	13.36	17.36
02W42	31	951.21	15.57	935.64	N	12.25	2.99	6.26	18.24
02W47	32	957.14	17.44	939.70	N	16.12	1.46	13.20	19.04
02W50	36	961.14	20.84	940.30	N	20.14	0.82	18.51	21.77
02W51	37	962.18	11.50	950.68	N	10.19	1.31	7.58	12.81
02W52	37	960.86	21.20	939.66	N	20.53	0.81	18.91	22.15
02W53	23	943.76	12.30	931.46	N	10.76	1.73	7.31	14.22
SANDSTONE C WELLS									
02W48	60	938.99	12.00	926.99	N	10.83	1.47	7.89	13.77
TRANSITION ZONE WELLS									
02W01	20	943.73	11.66	932.07	N	9.98	1.60	6.79	13.17
02W02	20	941.35	11.55	929.80	N	9.91	1.58	6.75	13.07
02W09	25	948.44	14.50	933.94	N	12.70	1.38	9.93	15.46
02W10	23	944.49	11.59	932.90	N	9.70	1.46	6.78	12.62
02W13	26	939.52	12.03	927.49	N	10.59	1.86	6.86	14.32
02W20	26	950.81	15.12	935.69	REJECT	13.27	0.79	11.70	14.84
02W26	28	951.85	17.30	934.55	N	15.41	1.21	12.99	17.84
02W28	26	946.41	13.60	932.81	N	11.75	1.49	8.76	14.74
02W29	27	949.29	15.37	933.92	N	13.67	1.52	10.63	16.71
02W31	23	943.46	11.00	932.46	N	9.20	1.52	6.17	12.23
02W39	25	950.14	16.00	934.14	N	14.24	1.43	11.38	17.11
02W46	22	940.42	12.01	928.41	N	10.31	1.69	6.93	13.70

CIMARRON ENVIRONMENTAL RESPONSE TRUST
2017 Q3 Groundwater Gauging Evaluation
1300-Series Wells

Well	TD (ft. bgs)	TOC Elev (ft. AMSL)	July 31, 2017		Evaluation of July 2017 Data				
			DTW (ft)	GW Elev (ft AMSL)	Reject?	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
ALLUVIAL WELLS									
1342	24.4	940.29	10.73	929.56	N	10.12	0.94	8.24	12.01
1343	24.5	941.58	13.37	928.21	N	12.67	1.07	10.54	14.80
1344	24.3	937.90	11.70	926.20	N	10.12	1.42	7.27	12.96
1361	29.5	940.28	13.12	927.16	N	11.89	1.59	8.71	15.06
1362	27.9	939.95	12.75	927.20	N	11.24	1.66	7.92	14.56
1363	28.9	939.72	11.17	928.55	N	11.05	1.43	8.19	13.90
1364	27.7	939.47	12.40	927.07	N	11.05	1.52	8.01	14.09
1365	28.8	939.66	12.55	927.11	N	11.15	1.52	8.11	14.19
1366	28.5	940.30	13.26	927.04	N	11.79	1.56	8.66	14.91
1367	23.4	939.26	12.00	927.26	N	10.81	1.51	7.79	13.82
1368	30.5	940.15	13.08	927.07	N	11.94	1.35	9.24	14.63
1369	30.5	939.98	13.10	926.88	N	11.98	1.24	9.51	14.46
1370	28.5	939.20	12.17	927.03	N	10.99	1.44	8.11	13.87
1371	26.0	935.32	7.80	927.52	N	7.60	0.94	5.71	9.48
1372	27.5	937.52	11.15	926.37	N	10.20	0.86	8.49	11.91
1373	24.5	935.52	9.12	926.40	N	8.34	1.06	6.21	10.47
SANDSTONE A WELLS									
1311	42.7	996.10	28.78	967.32	N	28.92	0.96	27.01	30.83
1312	39.2	992.66	27.22	965.44	N	27.35	0.80	25.74	28.96
1313	38.0	995.09	29.85	965.24	N	29.91	0.68	28.55	31.27
1319A-1	40.0	1,010.13	DRY		REJECT	39.01			
1319A-2	40.0	1,010.28	40.72	969.56	N	40.25	0.40	39.46	41.05
1319A-3	40.0	1,010.43	41.46	968.97	N	40.96	0.59	39.78	42.13
1320	41.3	1,001.74	34.91	966.83	N	32.38	1.38	29.62	35.13
1322	38.8	1,001.72	33.14	968.58	N	33.32	1.02	31.29	35.35
1324	35.0	997.63	27.36	970.27	N	27.15	1.03	25.09	29.21
1325	48.3	1,006.81	32.88	973.93	N	33.24	1.19	30.87	35.61
1326	45.1	1,009.05	37.72	971.33	N	37.84	0.62	36.61	39.07
1327B	51.8	1,008.90	42.08	966.82	N	41.89	0.77	40.35	43.42
1329	48.0	1,007.46	39.33	968.13	N	38.85	0.42	38.01	39.68
1330	41.5	997.87	28.93	968.94	N	28.39	1.24	25.90	30.87
1331	25.0	978.34	12.08	966.26	N	12.03	1.10	9.83	14.22
1333	35.0	990.15	21.50	968.65	N	21.44	1.25	18.94	23.95
1334	22.8	980.76	14.11	966.65	N	13.47	1.23	11.02	15.92
1335A	43.4	998.70	26.42	972.28	N	26.39	1.02	24.35	28.42
1336A	31.0	988.29	27.70	960.59	N	27.84	0.60	26.65	29.04
1337	34.5	994.45	26.70	967.75	N	27.04	1.21	24.61	29.47
1340	30.5	984.83	22.93	961.90	N	21.80	0.88	20.04	23.56
1347	40.0	996.33	28.29	968.04	N	28.49	1.48	25.53	31.44
1348	35.0	999.54	21.86	977.68	N	22.71	1.57	19.58	25.84
1349	26.5	994.03	21.52	972.51	N	21.10	1.86	17.38	24.82
1350	20.0	992.91	17.00	975.91	N	16.52	1.63	13.25	19.79
1351	15.0	982.44	12.05	970.39	N	11.76	0.76	10.24	13.29
1352	22.0	985.60	17.90	967.70	N	17.83	0.85	16.13	19.52
1353	15.0	997.98	11.13	986.85	N	10.62	1.47	7.67	13.57
1354	30.5	989.34	22.35	966.99	N	22.35	0.84	20.68	24.02
1355	38.5	995.92	26.08	969.84	N	26.34	1.29	23.76	28.93
1356	20.0	985.21	16.08	969.13	N	15.81	0.68	14.46	17.16
1357	27.3	990.53	19.70	970.83	N	19.83	1.17	17.49	22.17
1358	24.0	989.60	17.52	972.08	N	17.42	1.20	15.02	19.83
1359	17.0	984.05	12.14	971.91	N	11.76	0.97	9.81	13.70
1360	18.4	985.20	11.73	973.47	N	11.11	1.47	8.17	14.06
1374	44.0	1,010.82	42.51	968.31	N	42.49	0.53	41.43	43.55
1375	47.0	1,010.73	39.16	971.57	N	38.00	9.50	18.99	57.00
1376	44.0	1,009.79	39.06	970.73	N	39.57	0.74	38.08	41.05
1377	30.0	988.71	23.12	965.59	N	23.24	0.99	21.25	25.22
1378	23.0	979.24	16.19	963.05	N	16.12	0.54	15.05	17.19
1379	22.0	981.16	16.20	964.96	N	16.05	1.09	13.87	18.23

CIMARRON ENVIRONMENTAL RESPONSE TRUST
2017 Q3 Groundwater Gauging Evaluation
1300-Series Wells

Well	TD (ft. bgs)	TOC Elev (ft. AMSL)	July 31, 2017		Evaluation of July 2017 Data				
			DTW (ft)	GW Elev (ft AMSL)	Reject?	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
SANDSTONE A WELLS									
1380	43.0	998.58	29.48	969.10	N	29.56	1.25	27.07	32.05
1381	31.5	997.25	23.35	973.90	N	23.82	1.47	20.87	26.76
1383	49.0	1,002.26	33.19	969.07	N	33.63	1.24	31.14	36.11
1385	40.0	993.89	27.44	966.45	N	28.08	1.17	25.75	30.42
1387	22.0	981.48	14.95	966.53	N	15.09	1.23	12.63	17.54
1389	33.0	987.94	20.80	967.14	N	21.59	1.47	18.65	24.53
1393	39.0	992.48	29.30	963.18	N	30.06	1.13	27.81	32.31
SANDSTONE B WELLS									
1314	50.0	972.01	28.40	943.61	N	27.76	0.89	25.98	29.54
1315R	25.0	949.05	15.44	933.61	N	13.53	1.74	10.04	17.01
1316R	25.0	946.45	14.12	932.33	N	11.82	2.39	7.05	16.60
1319B-1	80.0	1,009.65	62.80	946.85	N	61.95	1.25	59.44	64.45
1319B-2	80.0	1,011.37	63.30	948.07	N	62.61	1.23	60.14	65.07
1319B-3	80.0	1,011.22	63.91	947.31	N	63.37	1.25	60.87	65.87
1319B-4	80.0	1,009.46	62.81	946.65	N	62.31	1.24	59.84	64.79
1319B-5	82.0	1,010.48	65.56	944.92	N	65.04	1.27	62.50	67.58
1338	59.5	994.24	50.46	943.78	N	50.10	0.80	48.50	51.69
1341	60.5	984.78	46.01	938.77	N	46.85	1.09	44.66	49.03
1345	60.0	988.97	54.73	934.24	N	54.07	1.21	51.65	56.48
1346	60.0	991.50	53.22	938.28	N	53.21	0.71	51.79	54.63
1382	65.0	997.40	58.80	938.60	N	58.92	0.67	57.58	60.25
1384	68.0	1,002.07	57.50	944.57	N	57.39	0.72	55.95	58.84
1386	70.0	993.83	54.20	939.63	N	54.08	0.58	52.92	55.24
1388	50.0	981.11	35.18	945.93	N	34.83	0.76	33.31	36.35
1390	60.0	987.84	45.80	942.04	N	45.44	0.79	43.86	47.01
1391	47.0	973.69	22.62	951.07	N	22.03	1.00	20.03	24.04
1392	69.0	987.43	50.76	936.67	N	50.68	0.66	49.36	52.01
1394	70.0	997.21	56.41	940.80	N	56.32	0.61	55.09	57.54
SANDSTONE C WELLS									
1319C-1	120.0	1,009.45	64.42	945.03	N	64.08	1.40	61.27	66.88
1319C-2	120.0	1,010.66	70.05	940.61	N	69.35	1.33	66.69	72.01
1319C-3	116.5	1,008.12	68.40	939.72	N	67.90	1.27	65.37	70.44
1321	124.4	1,001.73	65.18	936.55	N	64.77	1.36	62.05	67.49
1323	129.6	1,002.10	59.77	942.33	N	59.48	1.32	56.85	62.12
1328	137.8	1,007.33	56.51	950.82	N	56.90	1.73	53.44	60.36
1332	118.0	990.01	49.32	940.69	N	48.81	1.32	46.17	51.45
1339	218.0	1,012.69	61.02	951.67	N	60.54	1.75	57.04	64.03

CIMARRON ENVIRONMENTAL RESPONSE TRUST
2017 Q3 Groundwater Gauging Evaluation
T-Series Wells

Well	TD (ft. bgs)	TOC Elev (ft. AMSL)	July 31, 2017		Evaluation of July 2017 Data				
			DTW (ft)	GW Elev (ft AMSL)	Reject?	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
T-51	19.5	940.30	10.86	929.44	N	10.49	0.89	8.71	12.28
T-52	27.0	938.98	9.62	929.36	N	9.28	0.91	7.46	11.09
T-53	27.0	938.49	9.22	929.27	N	8.91	0.98	6.96	10.87
T-54	16.0	940.11	10.05	930.06	N	9.94	1.09	7.77	12.11
T-55	16.0	938.57	8.91	929.66	N	8.56	1.27	6.03	11.09
T-56	15.0	937.76	8.25	929.51	N	7.91	1.42	5.08	10.74
T-57	19.5	939.31	9.00	930.31	N	8.79	1.13	6.52	11.05
T-58	20.0	939.88	9.33	930.55	N	9.31	1.10	7.10	11.51
T-59	27.0	938.00	8.70	929.30	N	8.41	1.02	6.36	10.46
T-60	27.0	937.84	8.54	929.30	N	8.14	1.22	5.69	10.58
T-61	25.0	937.94	8.90	929.04	N	8.32	1.45	5.42	11.22
T-62	19.8	941.16	10.35	930.81	N	10.35	1.18	7.99	12.71
T-63	23.8	940.51	9.87	930.64	N	9.86	1.10	7.66	12.07
T-64	17.5	943.54	12.61	930.93	N	12.56	1.23	10.11	15.01
T-65	22.5	941.06	10.30	930.76	N	10.19	1.08	8.03	12.35
T-66	30.0	940.03	9.35	930.68	N	9.40	1.08	7.24	11.57
T-67	29.0	940.55	9.90	930.65	N	9.89	1.10	7.69	12.08
T-68	27.8	939.92	9.60	930.32	N	9.54	0.99	7.55	11.53
T-69	27.0	940.09	9.65	930.44	N	9.65	1.03	7.60	11.70
T-70R	28.0	940.98	10.14	930.84	N	10.22	1.10	8.02	12.42
T-72	28.0	939.86	9.41	930.45	N	9.36	1.05	7.27	11.45
T-73	28.5	939.56	8.90	930.66	N	8.97	1.03	6.91	11.03
T-74	31.5	941.52	10.62	930.90	N	10.72	1.12	8.48	12.95
T-75	28.0	939.73	9.25	930.48	N	9.28	1.02	7.24	11.32
T-76	28.0	939.21	8.55	930.66	N	8.61	1.06	6.50	10.72
T-77	28.5	938.92	8.54	930.38	N	8.51	1.00	6.50	10.51
T-78	28.0	939.22	8.75	930.47	N	8.75	1.01	6.73	10.76
T-79	27.0	938.31	8.19	930.12	N	8.08	0.95	6.17	9.98
T-81	28.0	939.59	9.22	930.37	N	9.18	0.98	7.22	11.14
T-82	28.0	940.80	10.88	929.92	N	10.50	1.04	8.42	12.58
T-83	26.0	939.51	9.50	930.01	N	9.32	0.93	7.46	11.18
T-84	28.0	939.38	9.40	929.98	N	9.23	0.93	7.38	11.09
T-85	31.5	939.37	9.51	929.86	N	9.31	0.96	7.40	11.23
T-86	27.5	939.18	9.44	929.74	N	9.19	1.06	7.06	11.32
T-87	29.5	938.81	9.30	929.51	N	8.94	1.16	6.62	11.26
T-88	28.0	938.99	9.75	929.24	N	9.28	1.32	6.64	11.92
T-89	32.0	939.12	10.37	928.75	N	9.87	0.93	8.02	11.72
T-90	29.0	939.46	10.62	928.84	N	10.12	0.88	8.35	11.89
T-91	27.5	938.07	9.48	928.59	N	8.97	0.99	6.99	10.96
T-92R	28.0	936.12	10.25	925.87	N	8.97	1.67	5.63	12.31
T-93	29.3	938.91	10.24	928.67	N	9.59	1.04	7.51	11.68
T-94	27.9	942.21	13.57	928.64	N	13.18	0.84	11.50	14.85
T-95	27.4	939.18	10.14	929.04	N	9.59	0.85	7.89	11.29
T-96	27.1	939.66	10.05	929.61	N	9.65	0.88	7.89	11.41
T-97	29.5	941.55	12.80	928.75	N	12.31	0.64	11.02	13.60
T-98	29.5	941.30	13.01	928.29	N	12.21	0.67	10.87	13.56
T-99	30.0	941.23	13.00	928.23	N	12.43	0.59	11.25	13.60
T-100	29.5	940.69	12.70	927.99	N	12.32	0.75	10.81	13.82
T-101	28.5	940.69	12.75	927.94	N	12.11	0.72	10.68	13.54
T-102	28.0	938.77	10.05	928.72	N	9.54	1.14	7.26	11.81
T-103	28.0	939.52	10.77	928.75	N	9.82	1.95	5.92	13.71

CIMARRON ENVIRONMENTAL RESPONSE TRUST
2017 Q3 Groundwater Gauging Evaluation
TMW-Series Wells

Well	TD (ft. bgs)	TOC Elev (ft. AMSL)	July 31, 2017		Evaluation of July 2017 Data				
			DTW (ft)	GW Elev (ft AMSL)	Reject?	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
ALLUVIAL WELLS									
TMW-13	21	939.97	12.49	927.48	N	11.20	1.73	7.73	14.67
TMW-19	12	941.37	12.30	918.51	N	11.47	1.33	8.80	14.14
TMW-24	29	939.09	12.00	918.42	N	10.83	1.49	7.85	13.80
SANDSTONE B WELLS									
TMW-01	29	952.80	12.84	939.96	N	10.67	2.21	6.25	15.08
TMW-02	33	959.88	19.80	940.08	N	19.03	0.87	17.29	20.77
TMW-08	28	950.71	16.42	934.29	N	14.75	1.52	11.70	17.79
TMW-18	20	941.34	13.90	927.44	N	12.19	1.86	8.46	15.92
TMW-20	27	956.84	DRY		REJECT	17.19	0.93	15.34	19.05
TMW-21	25	953.93	17.80	936.13	N	14.57	3.87	6.83	22.32
TMW-25	27	954.44	18.51	935.93	N	16.76	1.00	14.76	18.77
SANDSTONE C WELLS									
TMW-17	49	948.78	17.24	931.54	N	15.71	1.63	12.44	18.97
TMW-23	40	940.17	12.10	928.07	N	10.76	1.66	7.44	14.08
TRANSITION ZONE WELLS									
TMW-05	27	943.32	12.12	931.20	N	9.99	1.59	6.82	13.17
TMW-06	20	948.69	15.48	933.21	N	13.35	1.41	10.53	16.18
TMW-07	18	941.52	10.79	930.73	N	8.97	1.48	6.02	11.93
TMW-09	22	945.67	13.05	932.62	N	11.28	1.58	8.12	14.44

CIMARRON ENVIRONMENTAL RESPONSE TRUST
2017 Q3 Groundwater Gauging Evaluation
Miscellaneous Wells

Well	TD (ft. bgs)	TOC Elev (ft. AMSL)	July 31, 2017		Evaluation of July 2017 Data				
			DTW (ft)	GW Elev (ft AMSL)	Reject?	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
CDW-1		1,015.24	15.16	1,000.08	N	14.96	1.75	11.46	18.45
CDW-1A	52	1,015.34	37.10	978.24	N	36.92	1.41	34.09	39.74
CDW-2		1,008.75	12.88	995.87	N	12.30	1.51	9.27	15.33
CDW-2A	49	1,008.45	31.17	977.28	N	30.48	1.42	27.64	33.33
CDW-3	15	1,003.39	DRY		REJECT				
CDW-3A	45	1,003.07	27.00	976.07	N	26.16	1.45	23.25	29.07
CDW-4		1,008.10	12.71	995.39	N	12.35	2.19	7.98	16.72
CDW-4A	55	1,007.60	34.16	973.44	N	33.63	1.40	30.83	36.44
CDW-5		1,011.51	13.00	998.51	N	12.86	2.02	8.82	16.90
CDW-5A	49	1,011.39	35.06	976.33	N	34.78	1.01	32.76	36.80
CDW-6	15	1,008.72	12.17	996.55	N	11.87	2.35	7.17	16.57
CDW-6A	55	1,008.39	35.70	972.69	N	35.16	1.19	32.77	37.54
CDW-7	15	1,008.07	11.71	996.36	N	11.27	2.24	6.80	15.74
CDW-7A	60	1,007.85	35.17	972.68	N	34.70	1.25	32.20	37.19
GE-BA1-01	24	939.36	11.80	927.56	N	10.22	1.52	7.19	13.25
GE-WA-01	27	944.08	8.91	935.17	N	8.91	1.00	6.91	10.91
MWWA-03	14	947.53	15.60	931.93	N	14.22	2.73	8.76	19.67
MWWA-09	12.5	947.70	13.55	934.15	N	11.03	3.79	3.44	18.61

**Cimarron Environmental Response Trust
Listof Monitor Wells**

Well	Site Area	Well	Site Area
02W01	BA#1	1311	SW of U-Pond 1
02W03	BA#1	1312	W of U-Pond 1
02W04	BA#1	1313	N of U-Pond 1
02W05	BA#1	1314	S of BA #1 Trenches
02W06	BA#1	1315R	N of BA#1 Trenches
02W07	BA#1	1316R	NW of BA#1 Trenches
02W08	BA#1	1319A-1	E of U Building
02W09	BA#1	1319A-2	E of U Building
02W10	BA#1	1319A-3	E of U Building
02W11	BA#1	1319B-1	E of U Building
02W12	BA#1	1319B-2	E of U Building
02W13	BA#1	1319B-3	E of U Building
02W14	BA#1	1319B-4	E of U Building
02W15	BA#1	1319B-5	E of U Building
02W16	BA#1	1319C-1	E of U Building
02W17	BA#1	1319C-2	E of U Building
02W18	BA#1	1319C-3	E of U Building
02W19	BA#1	1320	W of U-Pond 2
02W20	BA#1	1321	W of U-Pond 2
02W21	BA#1	1322	SW of BA #2
02W22	BA#1	1323	SW of BA #2
02W23	BA#1	1324	E of BA #4
02W24	BA#1	1325	S of BA #4
02W25	BA#1	1326	E of U Building
02W26	BA#1	1327B	W of U Building
02W27	BA#1	1328	SE of U Building
02W28	BA#1	1329	SE of U Building
02W29	BA#1	1330	S of U Building
02W30	BA#1	1331	NW of BA #2
02W31	BA#1	1332	NE of BA #2
02W32	BA#1	1333	NE of BA #2
02W33	BA#1	1334	W of 1206 Drainage
02W34	BA#1	1335A	W of BA #4
02W35	BA#1	1336A	N of U-Pond 2
02W36	BA#1	1337	NE of U-Pond 2
02W37	BA#1	1338	NE of U-Pond 2
02W38	BA#1	1339	S of BA #4
02W39	BA#1	1340	NE of U-Pond 1
02W40	BA#1	1341	NE of U-Pond 1
02W41	BA#1	1342	W near River

**Cimarron Environmental Response Trust
List of Monitor Wells**

Well	Site Area	Well	Site Area
02W42	BA#1	1343	Center near River
02W43	BA#1	1344	East near River
02W44	BA#1	1345	N of U-Pond 1
02W45	BA#1	1346	N of U-Pond 2
02W46	BA#1	1347	N of U-Pond 2
02W47	BA#1	1348	S of 1206 Drainage
02W48	BA#1	1349	W of 1206 Drainage
02W50	BA#1	1350	E of 1206 Drainage
02W51	BA#1	1351	E of 1206 Drainage
02W52	BA#1	1352	E of 1206 Drainage
02W53	BA#1	1353	S of 1206 Drainage
02W62	BA#1	1354	E of 1206 Drainage
T-51	Western Alluvium	1355	E of 1206 Drainage
T-52	Western Alluvium	1356	E of 1206 Drainage
T-53	Western Alluvium	1357	E of 1206 Drainage
T-54	Western Alluvium	1358	E of 1206 Drainage
T-55	Western Alluvium	1359	E of 1206 Drainage
T-56	Western Alluvium	1360	E of 1206 Drainage
T-57	Western Alluvium	1361	North of BA #1
T-58	Western Alluvium	1362	North of BA #1
T-59	Western Alluvium	1363	North of BA #1
T-60	Western Alluvium	1364	North of BA #1
T-61	Western Alluvium	1365	North of BA #1
T-62	Western Alluvium	1366	North of BA #1
T-63	Western Alluvium	TMW-01	BA#1
T-64	Western Alluvium	TMW-02	BA#1
T-65	Western Alluvium	TMW-05	BA#1
T-66	Western Alluvium	TMW-06	BA#1
T-67	Western Alluvium	TMW-07	BA#1
T-68	Western Alluvium	TMW-08	BA#1
T-69	Western Alluvium	TMW-09	BA#1
T-70R	Western Alluvium	TMW-13	BA#1
T-72	Western Alluvium	TMW-17	BA#1
T-73	Western Alluvium	TMW-18	BA#1
T-74	Western Alluvium	TMW-19	BA#1
T-75	Western Alluvium	TMW-20	BA#1
T-76	Western Alluvium	TMW-21	BA#1
T-77	Western Alluvium	TMW-23	BA#1
T-78	Western Alluvium	TMW-24	BA#1
T-79	Western Alluvium	TMW-25	BA#1
T-81	Western Alluvium	CDW-1	South of BA #4
T-82	Western Alluvium	CDW-1A	South of BA #4
T-83	Western Alluvium	CDW-2	South of BA #4

**Cimarron Environmental Response Trust
List of Monitor Wells**

Well	Site Area	Well	Site Area
T-84	Western Alluvium	CDW-2A	South of BA #4
T-85	Western Alluvium	CDW-3	South of BA #4
T-86	Western Alluvium	CDW-3A	South of BA #4
T-87	Western Alluvium	CDW-4	South of BA #4
T-88	Western Alluvium	CDW-4A	South of BA #4
T-89	Western Alluvium	CDW-5	South of BA #4
T-90	Western Alluvium	CDW-5A	South of BA #4
T-91	Western Alluvium	CDW-6	South of BA #4
T-92	Western Alluvium	CDW-6A	South of BA #4
T-93	Western Alluvium	CDW-7	South of BA #4
T-94	Western Alluvium	CDW-7A	South of BA #4
T-95	Western Alluvium	MWWA-03	Western Alluvium
T-96	Western Alluvium	MWWA-09	Western Alluvium
GE-BA1-01	North of BA #1 Trench		
GE-WA-01	Western Alluvium		

**Cimarron Environmental Response Trust
List of Monitor Wells**

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Evaluation of August 2016 Data						
Reject?	Mean	Standard Deviation (σ)	Mean - 2σ	Mean - 1σ	Mean + 1σ	Mean + 2σ

**Cimarron Environmental Response Trust
List of Monitor Wells**

Evaluation of August 2016 Data

**Cimarron Environmental Response Trust
List of Monitor Wells**

Evaluation of August 2016 Data

Activity Plan 2016-05
4th Quarter Groundwater Assessment
Attachment 2 - Groundwater Level Measurements

Well	TD (ft. bgs)	DTW	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
02W03	17		10.91	1.75	7.42	14.40
02W04	18		10.52	1.70	7.11	13.93
02W05	19		9.84	1.77	6.30	13.37
02W06	24		9.95	1.68	6.59	13.32
02W07	25		10.41	1.70	7.01	13.81
02W08	26		10.70	1.76	7.18	14.22
02W11	28		11.32	1.79	7.73	14.91
02W12	26		11.46	1.83	7.79	15.13
02W14	29		11.29	1.72	7.85	14.73
02W15	15		9.65	1.64	6.37	12.92
02W16	20		9.09	1.68	5.74	12.44
02W17	25		10.32	1.66	7.00	13.63
02W18	29		10.63	1.64	7.36	13.90
02W19	25		10.78	1.67	7.45	14.12
02W21	27		10.60	1.69	7.21	13.98
02W22	19		8.99	1.58	5.83	12.15
02W23	25		9.26	1.63	6.01	12.51
02W24	28		10.64	1.59	7.46	13.82
02W32	24		10.91	1.76	7.38	14.43
02W33	17		9.10	1.67	5.75	12.44
02W34	28		10.03	1.52	7.00	13.06
02W35	29		9.90	1.57	6.76	13.05
02W36	27		10.09	1.60	6.89	13.28
02W37	27		10.34	1.59	7.16	13.52
02W38	26		11.47	1.70	8.07	14.87
02W43	30		10.57	1.57	7.42	13.72
02W44	29		10.50	1.63	7.24	13.76
02W45	31		10.72	1.56	7.59	13.85
02W62	28		9.97	1.57	6.84	13.10
02W25	32		0.00	0.00	0.00	0.00
02W27	22		9.31	2.16	5.00	13.63
02W30	25		12.06	1.69	8.68	15.43
02W40	32		10.96	2.03	6.91	15.01
02W41	31		15.01	0.85	13.31	16.71
02W42	31		15.36	1.00	13.36	17.36
02W47	32		12.25	2.99	6.26	18.24
02W50	36		16.12	1.46	13.20	19.04
02W51	37		20.14	0.82	18.51	21.77
02W52	37		10.19	1.31	7.58	12.81
02W53	23		20.53	0.81	18.91	22.15
02W48	60		10.76	1.73	7.31	14.22
02W01	20		0.00	0.00	0.00	0.00
02W02	20		10.83	1.47	7.89	13.77
02W09	25		0.00	0.00	0.00	0.00
02W10	23		9.98	1.60	6.79	13.17
02W13	26		9.91	1.58	6.75	13.07
02W20	26		12.70	1.38	9.93	15.46
02W26	28		9.70	1.46	6.78	12.62
02W28	26		10.59	1.86	6.86	14.32
02W29	27		13.27	0.79	11.70	14.84
02W31	23		15.41	1.21	12.99	17.84
02W39	25		11.75	1.49	8.76	14.74
02W46	22		13.67	1.52	10.63	16.71

Well	TD (ft. bgs)	DTW	Mean
1342	24.4		10.12
1343	24.5		12.67
1344	24.3		10.12
1361	29.5		11.89
1362	27.9		11.24
1363	28.9		11.05
1364	27.7		11.05
1365	28.8		11.15
1366	28.5		11.79
1367	23.4		10.81
1368	30.5		11.94
1369	30.5		11.98
1370	28.5		10.99
1371	26.0		7.60
1372	27.5		10.20
1373	24.5		8.34
1311	42.7		28.92
1312	39.2		27.35
1313	38.0		29.91
1319A-1	40.0		39.01
1319A-2	40.0		40.25
1319A-3	40.0		40.96
1320	41.3		32.38
1322	38.8		33.32
1324	35.0		27.15
1325	48.3		33.24
1326	45.1		37.84
1327B	51.8		41.89
1329	48.0		38.85
1330	41.5		28.39
1331	25.0		12.03
1333	35.0		21.44
1334	22.8		13.47
1335A	43.4		26.39
1336A	31.0		27.84
1337	34.5		27.04
1340	30.5		21.80
1347	40.0		28.49
1348	35.0		22.71
1349	26.5		21.10
1350	20.0		16.52
1351	15.0		11.76
1352	22.0		17.83
1353	15.0		10.62
1354	30.5		22.35
1355	38.5		26.34
1356	20.0		15.81
1357	27.3		19.83
1358	24.0		17.42
1359	17.0		11.76
1360	18.4		11.11
1374	44.0		42.49
1375	47.0		38.00
1376	44.0		39.57
1377	30.0		23.24
1378	23.0		16.12
1379	22.0		16.05
1380	43.0		29.56
1381	31.5		23.82
1383	49.0		33.63
1385	40.0		28.08
1387	22.0		15.09
1389	33.0		21.59
1393	39.0		30.06
1314	50.0		27.76
1315R	25.0		13.53
1316R	25.0		11.82
1319B-1	80.0		61.95
1319B-2	80.0		62.61
1319B-3	80.0		63.37
1319B-4	80.0		62.31
1319B-5	82.0		65.04
1338	59.5		50.10

Well	TD (ft. bgs)	DTW	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
TMW-13	21		11.20	1.73	7.73	14.67
TMW-19	12		11.47	1.33	8.80	14.14
TMW-24	29		10.83	1.49	7.85	13.80
TMW-01	29		10.67	2.21	6.25	15.08
TMW-02	33		19.03	0.87	17.29	20.77
TMW-08	28		14.75	1.52	11.70	17.79
TMW-18	20		12.19	1.86	8.46	15.92
TMW-20	27		17.19	0.93	15.34	19.05
TMW-21	25		14.57	3.87	6.83	22.32
TMW-25	27		16.76	1.00	14.76	18.77
TMW-17	49		15.71	1.63	12.44	18.97
TMW-23	40		10.76	1.66	7.44	14.08
TMW-05	27		9.99	1.59	6.82	13.17
TMW-06	20		13.35	1.41	10.53	16.18
TMW-07	18		8.97	1.48	6.02	11.93
TMW-09	22		11.28	1.58	8.12	14.44

Activity Plan 2016-05
4th Quarter Groundwater Assessment
Attachment 2 - Groundwater Level Measurements

Well	TD (ft. bgs)	DTW	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
CDW-1			14.96	1.75	11.46	18.45
CDW-1A	52		36.92	1.41	34.09	39.74
CDW-2			12.30	1.51	9.27	15.33
CDW-2A	49		30.48	1.42	27.64	33.33
CDW-3	15					
CDW-3A	45		26.16	1.45	23.25	29.07
CDW-4			12.35	2.19	7.98	16.72
CDW-4A	55		33.63	1.40	30.83	36.44
CDW-5			12.86	2.02	8.82	16.90
CDW-5A	49		34.78	1.01	32.76	36.80
CDW-6	15		11.87	2.35	7.17	16.57
CDW-6A	55		35.16	1.19	32.77	37.54
CDW-7	15		11.27	2.24	6.80	15.74
CDW-7A	60		34.70	1.25	32.20	37.19
GE-BA1-01	24		10.22	1.52	7.19	13.25
GE-WA-01	27		8.91	1.00	6.91	10.91
MWWA-03	14		14.22	2.73	8.76	19.67
MWWA-09	12.5		11.03	3.79	3.44	18.61

Well	TD (ft. bgs)	DTW	Mean
1341	60.5		46.85
1345	60.0		54.07
1346	60.0		53.21
1382	65.0		58.92
1384	68.0		57.39
1386	70.0		54.08
1388	50.0		34.83
1390	60.0		45.44
1391	47.0		22.03
1392	69.0		50.68
1394	70.0		56.32
1319C-1	120.0		64.08
1319C-2	120.0		69.35
1319C-3	116.5		67.90
1321	124.4		64.77
1323	129.6		59.48
1328	137.8		56.90
1332	118.0		48.81
1339	218.0		60.54

Well	TD (ft. bgs)	DTW	Mean	Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
T-51	19.5		10.49	0.89	8.71	12.28
T-52	27.0		9.28	0.91	7.46	11.09
T-53	27.0		8.91	0.98	6.96	10.87
T-54	16.0		9.94	1.09	7.77	12.11
T-55	16.0		8.56	1.27	6.03	11.09
T-56	15.0		7.91	1.42	5.08	10.74
T-57	19.5		8.79	1.13	6.52	11.05
T-58	20.0		9.31	1.10	7.10	11.51
T-59	27.0		8.41	1.02	6.36	10.46
T-60	27.0		8.14	1.22	5.69	10.58
T-61	25.0		8.32	1.45	5.42	11.22
T-62	19.8		10.35	1.18	7.99	12.71
T-63	23.8		9.86	1.10	7.66	12.07
T-64	17.5		12.56	1.23	10.11	15.01
T-65	22.5		10.19	1.08	8.03	12.35
T-66	30.0		9.40	1.08	7.24	11.57
T-67	29.0		9.89	1.10	7.69	12.08
T-68	27.8		9.54	0.99	7.55	11.53
T-69	27.0		9.65	1.03	7.60	11.70
T-70R	28.0		10.22	1.10	8.02	12.42
T-72	28.0		9.36	1.05	7.27	11.45
T-73	28.5		8.97	1.03	6.91	11.03
T-74	31.5		10.72	1.12	8.48	12.95
T-75	28.0		9.28	1.02	7.24	11.32
T-76	28.0		8.61	1.06	6.50	10.72
T-77	28.5		8.51	1.00	6.50	10.51
T-78	28.0		8.75	1.01	6.73	10.76
T-79	27.0		8.08	0.95	6.17	9.98
T-81	28.0		9.18	0.98	7.22	11.14
T-82	28.0		10.50	1.04	8.42	12.58
T-83	26.0		9.32	0.93	7.46	11.18
T-84	28.0		9.23	0.93	7.38	11.09
T-85	31.5		9.31	0.96	7.40	11.23
T-86	27.5		9.19	1.06	7.06	11.32
T-87	29.5		8.94	1.16	6.62	11.26
T-88	28.0		9.28	1.32	6.64	11.92
T-89	32.0		9.87	0.93	8.02	11.72
T-90	29.0		10.12	0.88	8.35	11.89
T-91	27.5		8.97	0.99	6.99	10.96
T-92	27.5		8.59	1.44	5.72	11.46
T-92R	28.0		8.97	1.67	5.63	12.31
T-93	29.3		9.59	1.04	7.51	11.68
T-94	27.9		13.18	0.84	11.50	14.85
T-95	27.4		9.59	0.85	7.89	11.29
T-96	27.1		9.65	0.88	7.89	11.41
T-97	29.5		12.31	0.64	11.02	13.60
T-98	29.5		12.21	0.67	10.87	13.56
T-99	30.0		12.43	0.59	11.25	13.60
T-100	29.5		12.32	0.75	10.81	13.82
T-101	28.5		12.11	0.72	10.68	13.54
T-102	28.0		9.54	1.14	7.26	11.81
T-103	28.0		9.82	1.95	5.92	13.71

Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
0.94	8.24	12.01
1.07	10.54	14.80
1.42	7.27	12.96
1.59	8.71	15.06
1.66	7.92	14.56
1.43	8.19	13.90
1.52	8.01	14.09
1.52	8.11	14.19
1.56	8.66	14.91
1.51	7.79	13.82
1.35	9.24	14.63
1.24	9.51	14.46
1.44	8.11	13.87
0.94	5.71	9.48
0.86	8.49	11.91
1.06	6.21	10.47
0.96	27.01	30.83
0.80	25.74	28.96
0.68	28.55	31.27
0.00		
0.40	39.46	41.05
0.59	39.78	42.13
1.38	29.62	35.13
1.02	31.29	35.35
1.03	25.09	29.21
1.19	30.87	35.61
0.62	36.61	39.07
0.77	40.35	43.42
0.42	38.01	39.68
1.24	25.90	30.87
1.10	9.83	14.22
1.25	18.94	23.95
1.23	11.02	15.92
1.02	24.35	28.42
0.60	26.65	29.04
1.21	24.61	29.47
0.88	20.04	23.56
1.48	25.53	31.44
1.57	19.58	25.84
1.86	17.38	24.82
1.63	13.25	19.79
0.76	10.24	13.29
0.85	16.13	19.52
1.47	7.67	13.57
0.84	20.68	24.02
1.29	23.76	28.93
0.68	14.46	17.16
1.17	17.49	22.17
1.20	15.02	19.83
0.97	9.81	13.70
1.47	8.17	14.06
0.53	41.43	43.55
9.50	18.99	57.00
0.74	38.08	41.05
0.99	21.25	25.22
0.54	15.05	17.19
1.09	13.87	18.23
1.25	27.07	32.05
2.02	19.77	27.86
1.66	30.30	36.96
1.52	25.05	31.12
1.65	11.79	18.39
1.88	17.83	25.35
1.44	27.18	32.94
0.89	25.98	29.54
1.74	10.04	17.01
2.39	7.05	16.60
1.25	59.44	64.45
1.23	60.14	65.07
1.25	60.87	65.87
1.24	59.84	64.79
1.27	62.50	67.58
0.80	48.50	51.69

Standard Deviation (σ)	Mean - 2σ	Mean + 2σ
1.09	44.66	49.03
1.21	51.65	56.48
0.71	51.79	54.63
0.67	57.58	60.25
0.72	55.95	58.84
0.58	52.92	55.24
0.76	33.31	36.35
0.79	43.86	47.01
1.00	20.03	24.04
0.66	49.36	52.01
0.61	55.09	57.54
1.40	61.27	66.88
1.51	66.32	72.37
1.44	65.03	70.78
1.54	61.70	67.84
1.53	56.43	62.54
2.01	52.88	60.92
1.53	45.74	51.88
2.03	56.47	64.60