



September 14, 2012

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 for the first and second quarters, 2012; historical data are included in the concentration versus time plots that are required by condition 47C.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Mark Owens', written over a horizontal line.

R. Mark Owens
General Manager

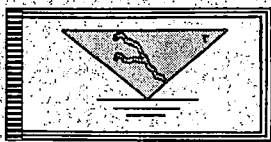
Enclosure

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

PATHFINDER MINES CORPORATION

935 PENDELL BLVD., P.O. BOX 730 MILLS, WYOMING 82644, U.S.A.
TEL.: 307 234 5019 FAX: 307 473 7306 WWW.US.AREVA.COM

**SEMI-ANNUAL
GROUND-WATER MONITORING
FOR SHIRLEY BASIN MINE**



HYDRO - ENGINEERING, LLC

**SEMI-ANNUAL
GROUND-WATER MONITORING
FOR SHIRLEY BASIN MINE**

**PREPARED FOR:
PATHFINDER MINES CORPORATION
SHIRLEY BASIN MINE**

**BY:
HYDRO-ENGINEERING, L.L.C.**

August, 2012

George T. Hoffman
For **THOMAS G. MICHEL, Ph.D.**
HYDROLOGIST

9/12/2012

RYAN STOKES, E.I.T

TABLE OF CONTENTS

	<u>Page Number</u>
1.0 INTRODUCTION AND SUMMARY OF RESULTS.....	1
2.0 PIEZOMETRIC DATA	1
3.0 WATER-QUALITY DATA	2

FIGURES

	<u>Page Number</u>
1 LOCATIONS OF MONITORING WELLS AND PIEZOMETRIC CONTOURS FOR MID 2012.....	4
2 WATER-LEVEL ELEVATION VERSUS TIME FOR WELLS MC-14, NP01, RPI-14, RPI-18A AND RPI-19B	5
3 MID 2012 CHLORIDE CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS	6
4 CHLORIDE CONCENTRATION VERSUS TIME FOR WELLS MC-14, NP01, RPI-14, RPI-18A AND RPI-19B	7
5 CHLORIDE CONCENTRATION VERSUS TIME FOR SURFACE WATER SAMPLE LOCATIONS SW-1A, SC-2 AND POE-DS.....	8
6 MID 2012 Ra226 + Ra228 ACTIVITY IN SURFICIAL AQUIFER MONITORING WELLS	9
7 Ra226 + Ra228 ACTIVITY VERSUS TIME FOR WELLS MC-14, NP01, RPI-14, RPI-18A AND RPI-19B	10
8 Ra226 + Ra228 ACTIVITY VERSUS TIME FOR SURFACE WATER SAMPLE LOCATIONS SW-1A, SC-2 AND POE-DS.....	11
9 MID 2012 SELENIUM CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS	12
10 SELENIUM CONCENTRATION VERSUS TIME FOR WELLS MC-14, NP01, RPI-14, RPI-18A AND RPI-19B	13

TABLE OF CONTENTS
(continued)

FIGURES

	<u>Page Number</u>
11 SELENIUM CONCENTRATION VERSUS TIME FOR SURFACE WATER SAMPLE LOCATIONS SW-1A, SC-2 AND POE-DS.....	14
12 MID 2012 SULFATE CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS	15
13 SULFATE CONCENTRATION VERSUS TIME FOR WELLS MC-14, NP01, RPI-14, RPI-18A AND RPI-19B	16
14 SULFATE CONCENTRATION VERSUS TIME FOR SURFACE WATER SAMPLE LOCATIONS SW-1A, SC-2 AND POE-DS.....	17
15 MID 2012 THORIUM-230 ACTIVITIES IN SURFICIAL AQUIFER MONITORING WELLS	18
16 THORIUM-230 ACTIVITY VERSUS TIME FOR WELLS MC-14, RPI-14, NP01, RPI-18A AND RPI-19B.....	19
17 THORIUM-230 ACTIVITY VERSUS TIME FOR SURFACE WATER SAMPLE LOCATIONS SW-1A, SC-2 AND POE-DS.....	20
18 MID 2012 TDS CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS	21
19 TDS CONCENTRATION VERSUS TIME FOR WELLS MC-14, NP01, RPI-14, RPI-18A AND RPI-19B	22
20 TDS CONCENTRATION VERSUS TIME FOR SURFACE WATER SAMPLE LOCATIONS SW-1A, SC-2 AND POE-DS.....	23
21 MID 2012 URANIUM CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS	24
22 URANIUM CONCENTRATION VERSUS TIME FOR WELLS MC-14, NP01, RPI-14, RPI-18A AND RPI-19B	25
23 URANIUM CONCENTRATION VERSUS TIME FOR SURFACE WATER SAMPLE LOCATIONS SW-1A, SC-2 AND POE-DS.....	26

TABLE OF CONTENTS
(continued)

FIGURES

	<u>Page Number</u>
24 CHLORIDE, SULFATE, TDS AND URANIUM CONCENTRATION VERSUS TIME FOR WELL P-6.....	27

TABLES

	<u>Page Number</u>
1 GROUND-WATER PROTECTION STANDARDS AND ARPIL AND MAY 2012 WATER- QUALITY DATA FOR POINT-OF-COMPLIANCE WELLS NP01 AND RPI-19B	1
2 MONITOR WELL WATER-LEVEL AND WATER-QUALITY DATA.....	28
3 SURFACE WATER MONITORING DATA	46

1.0 Introduction and Summary of Results

This semi-annual report presents the results of ground-water monitoring and surface-water monitoring through June 2012 for Pathfinder Mines Corporation's Shirley Basin mill and tailings facility. This report is the fourteenth in the series of semi-annual reports required by 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 April and May of 2012 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 APRIL-MAY 2012 WATER-QUALITY DATA FOR POINT-OF-COMPLIANCE WELLS NP01 AND RPI-19B.				
		WELL NP01		WELL RPI-19B
	POC WELL NP01	APRIL 2012	POC WELL RPI-19B	MAY 2012
CONSTITUENT	SITE STANDARD	SAMPLE RESULTS	SITE STANDARD	SAMPLE RESULTS
ARSENIC	0.05	0.003	0.05	0.001
BARIUM	1.00	0.10	1.00	0.10
BERYLLIUM	0.02	<0.001	0.02	<0.001
CADMIUM	0.01	<0.001	0.01	<0.001
CHROMIUM	0.05	<0.01	0.05	<0.01
GROSS ALPHA	15	1.8	15	0.8
LEAD	0.05	<0.001	0.05	<0.001
MOLYBDENUM	0.10	0.002	0.10	0.001
NICKEL	0.05	0.01	0.05	0.02
RA-226 + RA-228	12.70	2.28	13.76	0.55
SELENIUM	0.158	0.012	0.163	0.001
THORIUM-230	5.53	0.10	5.76	0.09
URANIUM	4.40	1.190	4.45	1.110
CHLORIDE	3275	819	3712	830
TDS	11529	3820	12641	3760
SULFATE	4612	992	5056	831
NOTE: All concentrations in mg/l except for radium, thorium, and gross alpha in pCi/l.				

Constituents concentrations in wells near the reclaimed tailings increased after corrective action was discontinued. There are generally increasing trends in constituent concentrations for wells in close proximity to the reclaimed tailings. These increasing concentrations are consistent with expectations, although the magnitude of trends in key wells such as the POC wells is somewhat less than predicted and the increases in concentration are lagging predictions. The lagging is due in part to extension of corrective action efforts beyond the original plans and benefits from tailings dewatering, but may also reflect some conservatism in the prediction of seepage migration. The water quality data also reflect significant seasonal recharge effects that cause fairly dramatic swings in constituent concentrations in some wells.

2.0 Piezometric Data

The water-level data collected from 2009 through mid 2012 are presented in Table 2 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, NP01, RPI-14, RPI-18A and RPI-19B. 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 after 2004 and 2005 have reflected some decay of the ground-water mounds in the area of the recharge lines following discontinuation of the

recharge injection operations. 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. There are two anomalous water-level elevations for well MC-14 and one anomalous water-level elevation for well NP01 in Figure 2 that are likely the result of a measurement or recording error.

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, September 2007, and June 2008 to collect a sample. A surface water sample from sites SW-1A and Weir 2 could not be taken in March of 2011 due to the above average snow pack during the preceding winter season.

Figure 3 presents the mid 2012 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 750 feet east of the tailings in the southern portion of the monitoring area. Chloride concentration is moderately elevated at wells closer to the reclaimed tailings, and there was a general increasing trend in wells in the Mine Creek area including RPI-16A and RPI-18A with levels becoming fairly steady the last year. There is also an increasing trend in concentration at wells RPI-10 and RPI-21B. Chloride concentration in well MC-14, 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, NP01, RPI-14, RPI-18A and RPI-19B. Chloride concentration at POC well NP01 increased through 2010, but recently has shown some stability with minor effects due to seasonal recharge. Chloride concentration in POC well RPI-19B has been somewhat erratic, which is also attributed to seasonal recharge. There has been a general increasing chloride concentration trend in well RPI-19B since early 2007. Figure 5 presents the plots of chloride concentration at surface water sampling locations SW-1A, SC-2 and POE-DS. The chloride concentration at surface water sites is below levels of concern.

Figure 6 presents the mid 2012 Ra226 + Ra228 activities for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Measured radium, thorium, and gross alpha activities are typically more erratic than other constituents, and therefore iso-activity 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, NP01, RPI-14, RPI-18A and RPI-19B. The greater variability of measured activity for Ra226 + Ra228 is reflected in the plots. This can be seen in Figure 8 where plots of Ra226 + Ra228 activities at surface water sampling locations SW-1A, SC-2 and POE-DS are presented. Up gradient sample site SW-1A shows a large variance in Ra226 + Ra228 values over the course of the 2011 sampling, similar to that of 2007 and 2008.

Figure 9 presents the mid 2012 selenium concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Selenium concentrations were slightly increased in well MC-10 during the 2012 sampling periods. In general, the selenium concentration is more indicative of natural variability and selenium concentration in residual recharge injection water than a discernable level of seepage impacts. Figure 10 presents the plots of selenium concentration versus time for wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B showing no recent selenium trends for the two POC wells. Figure 11 presents the plots of selenium concentration at surface water sampling locations SW-1A, SC-2 and POE-DS.

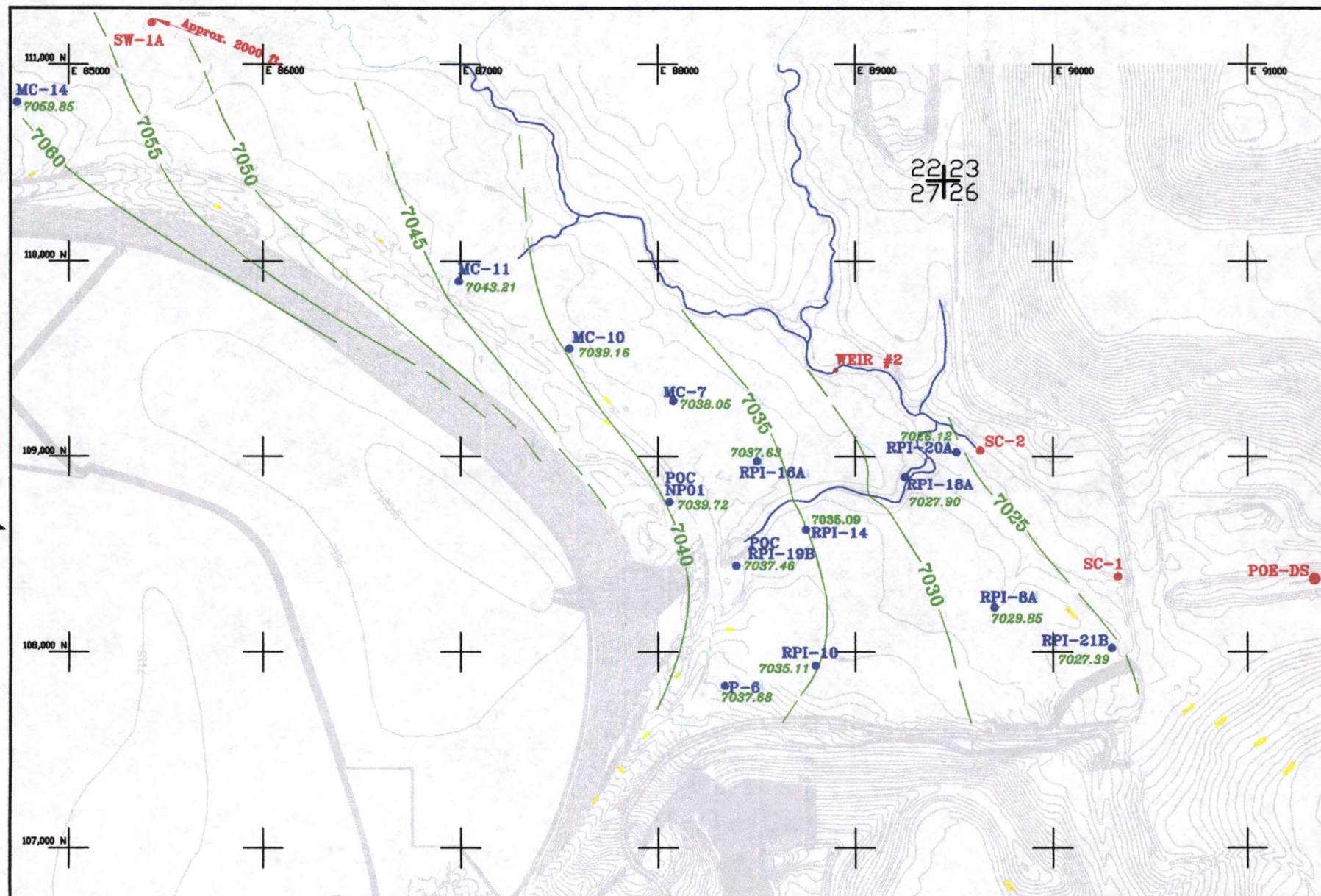
Figure 12 presents the mid 2012 sulfate concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Figure 13 presents the sulfate concentrations in wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B. Well RPI-18A has shown a decline in concentrations since 2010. Sulfate concentrations in wells NP01 and RPI-14 have shown an increasing trend from 2007 through early 2011, but recent concentrations have somewhat steadied in NP01 and declined in RPI-14. Sulfate concentrations in well RPI-19B from 2009 through early 2012 are somewhat erratic and may reflect seasonal recharge or some mobilization due to seasonal water-level fluctuations. Sulfate concentrations at all monitoring wells and surface water sampling locations are 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 mid 2012 thorium-230 activities for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Thorium-230 activities in ground-water samples and surface-water samples are near or below the typical detection level. Figure 16 presents the plots of thorium-230 activity versus time for wells MC-14, RPI-14, NP01, RPI-18A and RPI-19B. 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 up gradient site SW-1A illustrates the variability of thorium-230 activity with occasional spikes interspersed in the typical below detection limit sample activity. Current analytical techniques for thorium-230 activity allow reporting of negative values that indicate levels below detection.

Figure 18 presents the mid 2012 TDS concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Except for well MC-14, TDS concentration in the graphed wells started to increase in 2006 (see Figure 19). The general increasing concentration trend in well RPI-18A has continued, but recent concentrations in wells NP01 and RPI-14 have stabilized or declined. TDS concentrations in well RPI-19B show the effects of seasonal recharge. 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 mid 2012 uranium concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Uranium concentration for wells NP01, RPI-10, RPI-14, RPI-16A, RPI-18A and RPI-19B started to increase in 2006 (see Figure 22). Wells NP01 and RPI-19B show some cycling that is likely the result of seasonal recharge. Wells RPI-14 and RPI-18A show decline or stabilization in concentrations starting in 2011. 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. 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. As indicated in Figure 24, chloride concentration at well P-6 increased dramatically through early 2006, but has shown a slight decrease through mid 2012. Uranium concentration also increased dramatically at well P-6 through mid 2006, but again show decline since that time. Although most of these major constituents show minor sample variability, likely due to seasonal effects, present constituent concentrations at well P-6 are similar to those that existed prior to significant restoration by the CAP.



LEGEND:

- 7035.5 ● MONITORING WELL WATER-LEVEL ELEVATION (FT-MSL)
- WATER-LEVEL ELEVATION CONTOURS

PATHFINDER

PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING T22N, R22W

FIGURE 1. LOCATIONS OF
MONITORING WELLS AND PIEZOMETRIC
CONTOURS FOR MID 2012.

DRAWN BY: TGM-RTS DATE: 8-2012 (Approx. Scale: 1"=700')
Semiannual-8-2012.dwg HYDRO-ENGINEERING L.L.C.

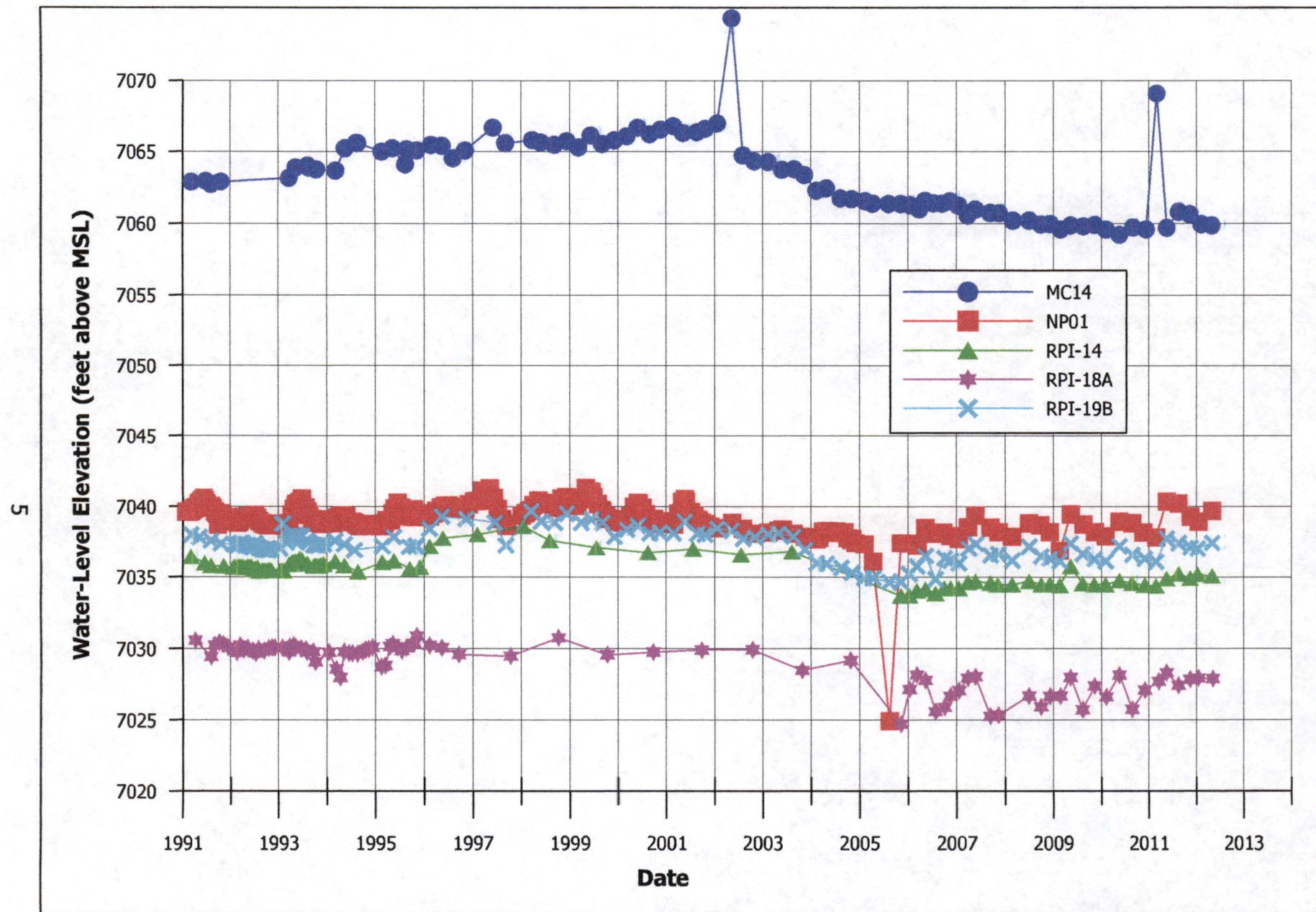


Figure 2. Water-Level Elevation Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

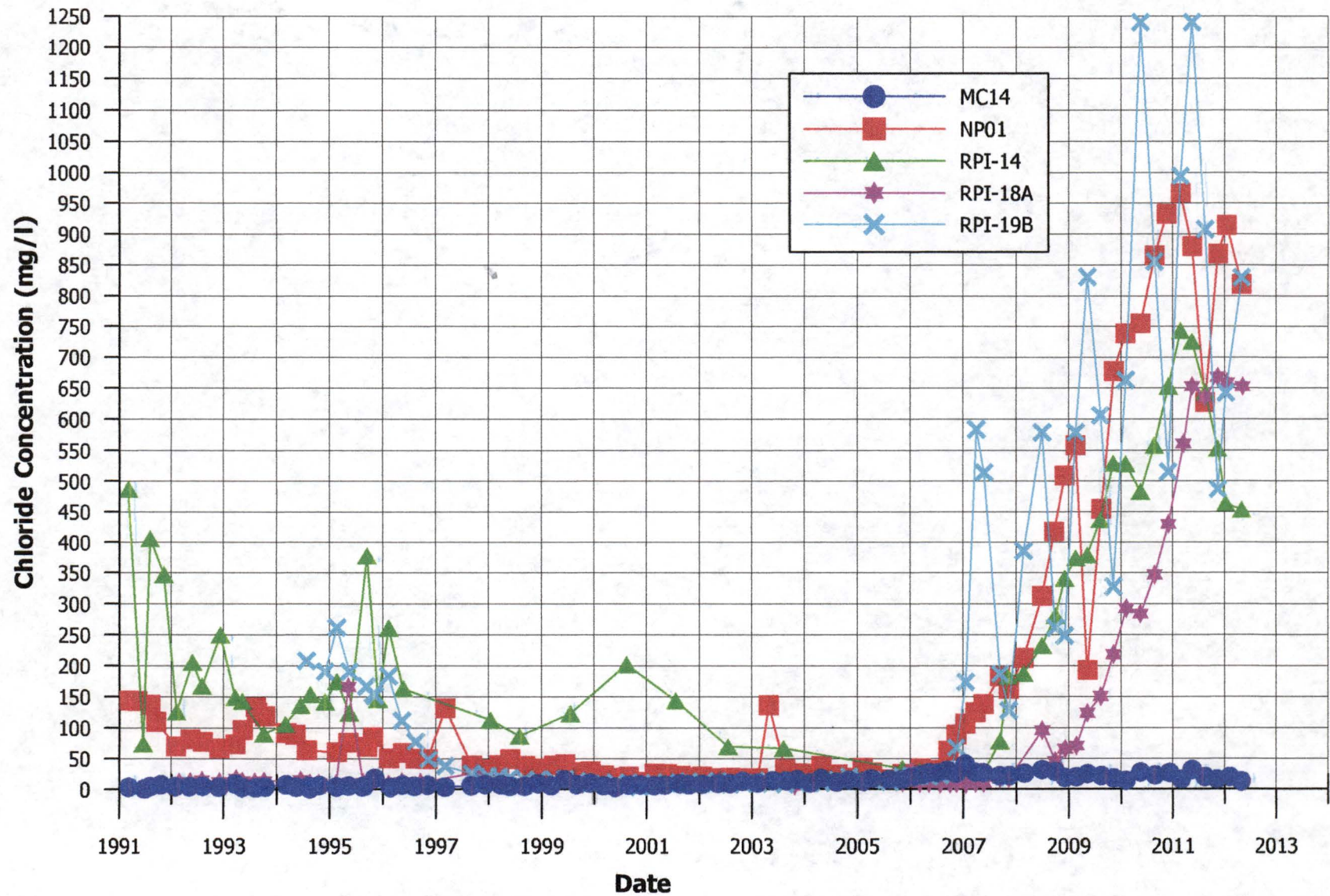


Figure 4. Chloride Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

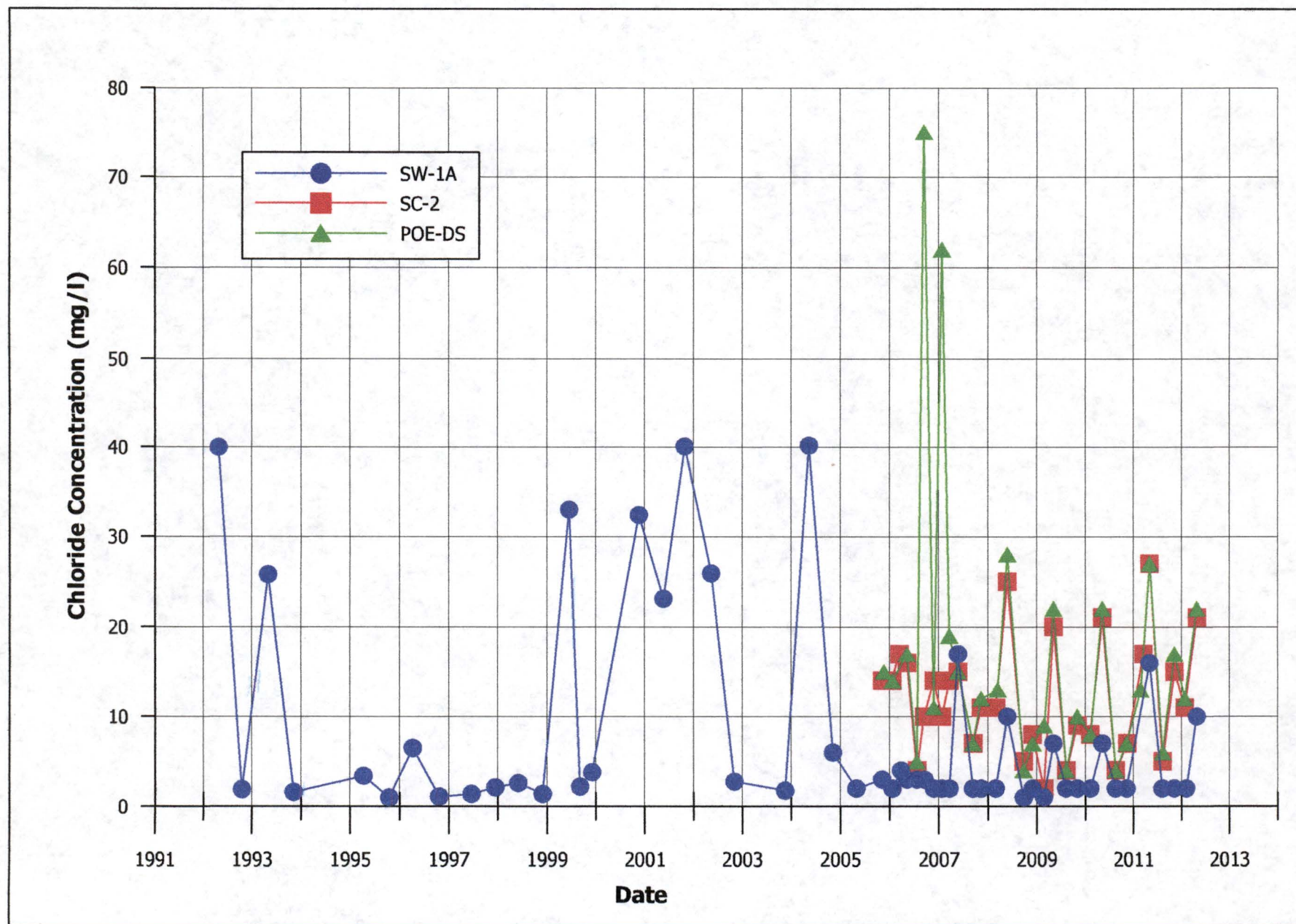
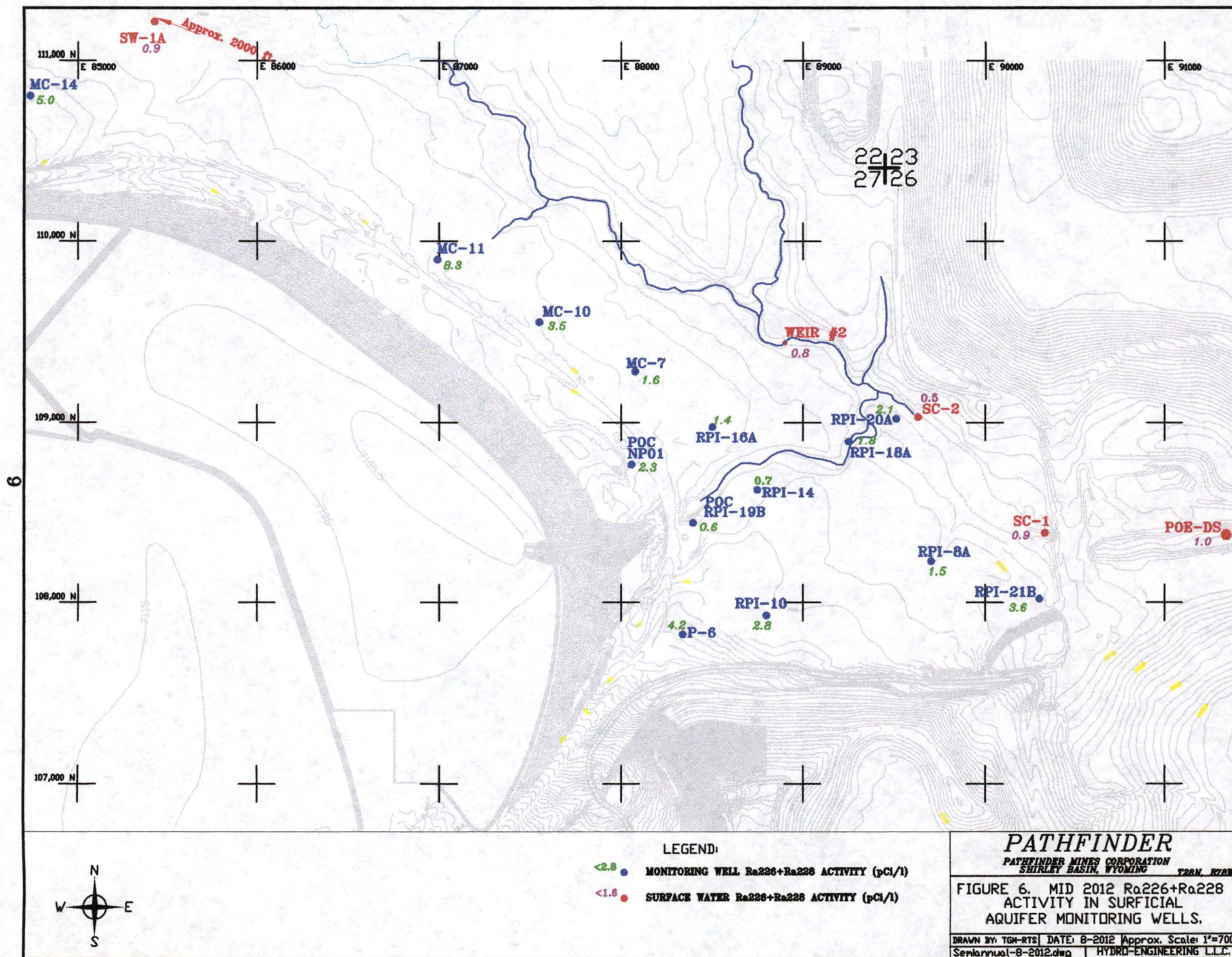


Figure 5. Chloride Concentration Versus Time For Surface Water Sample Locations SW-1A, SC-2, and POE-DS



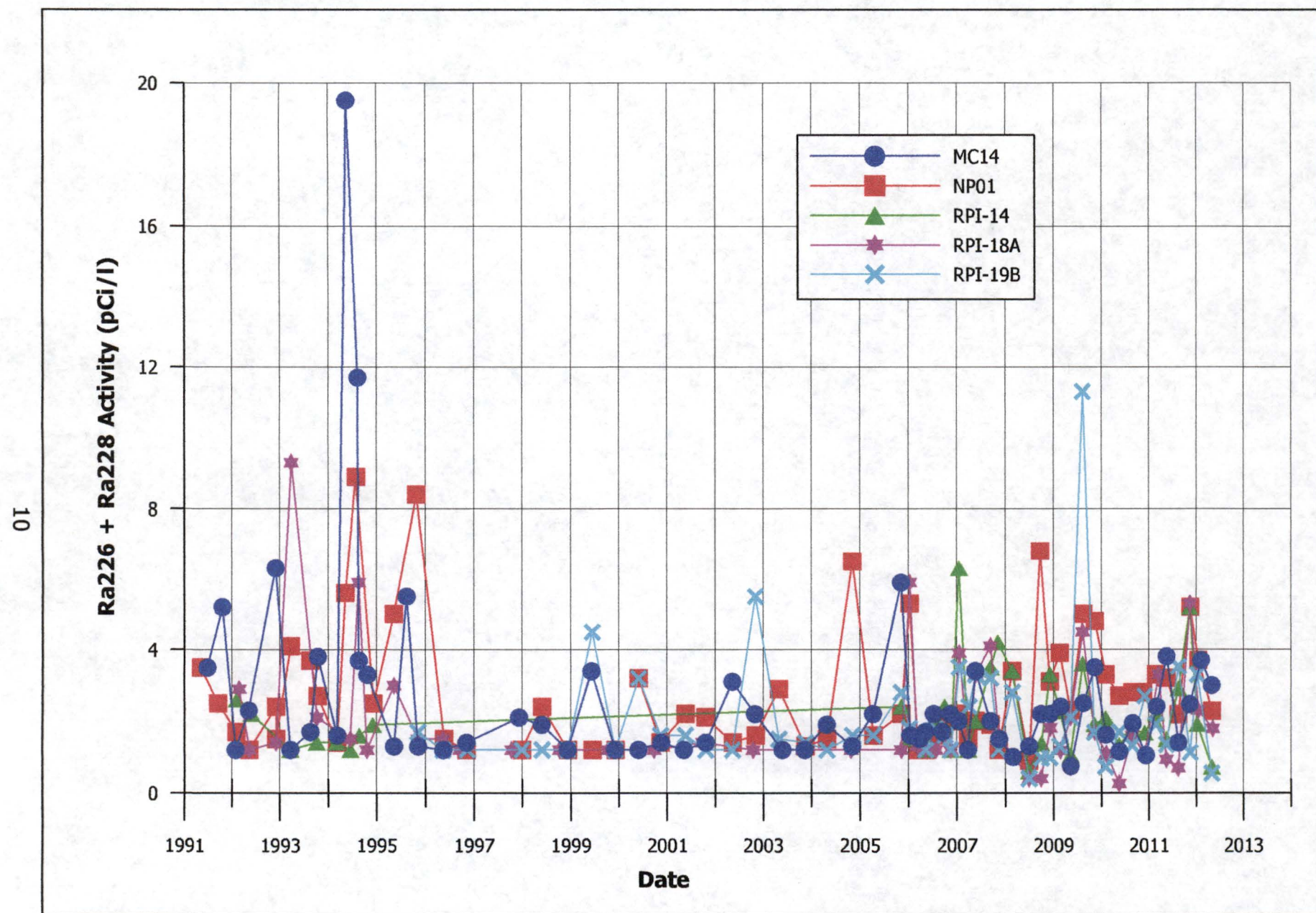


Figure 7. Ra226 + Ra228 Activity Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

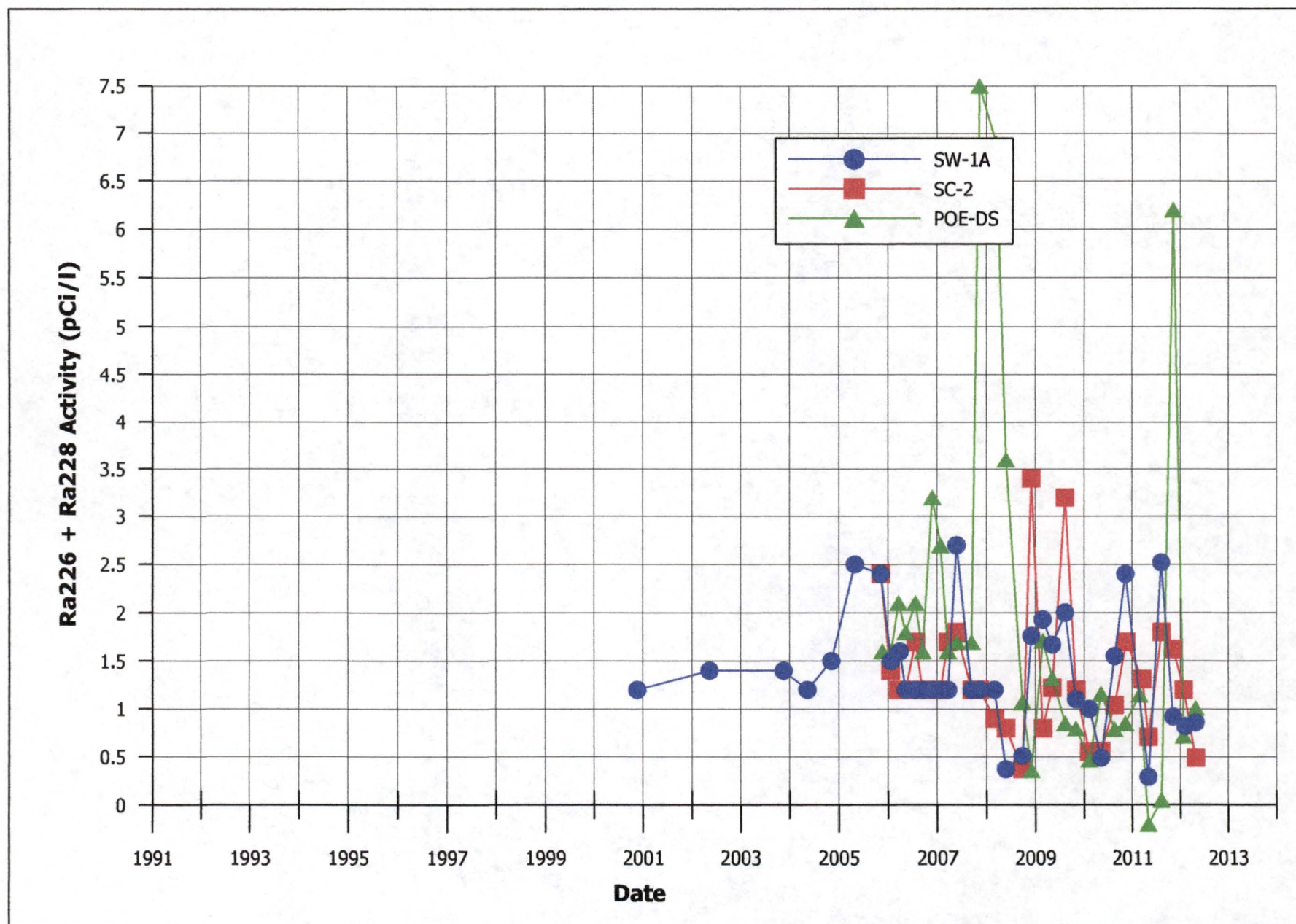
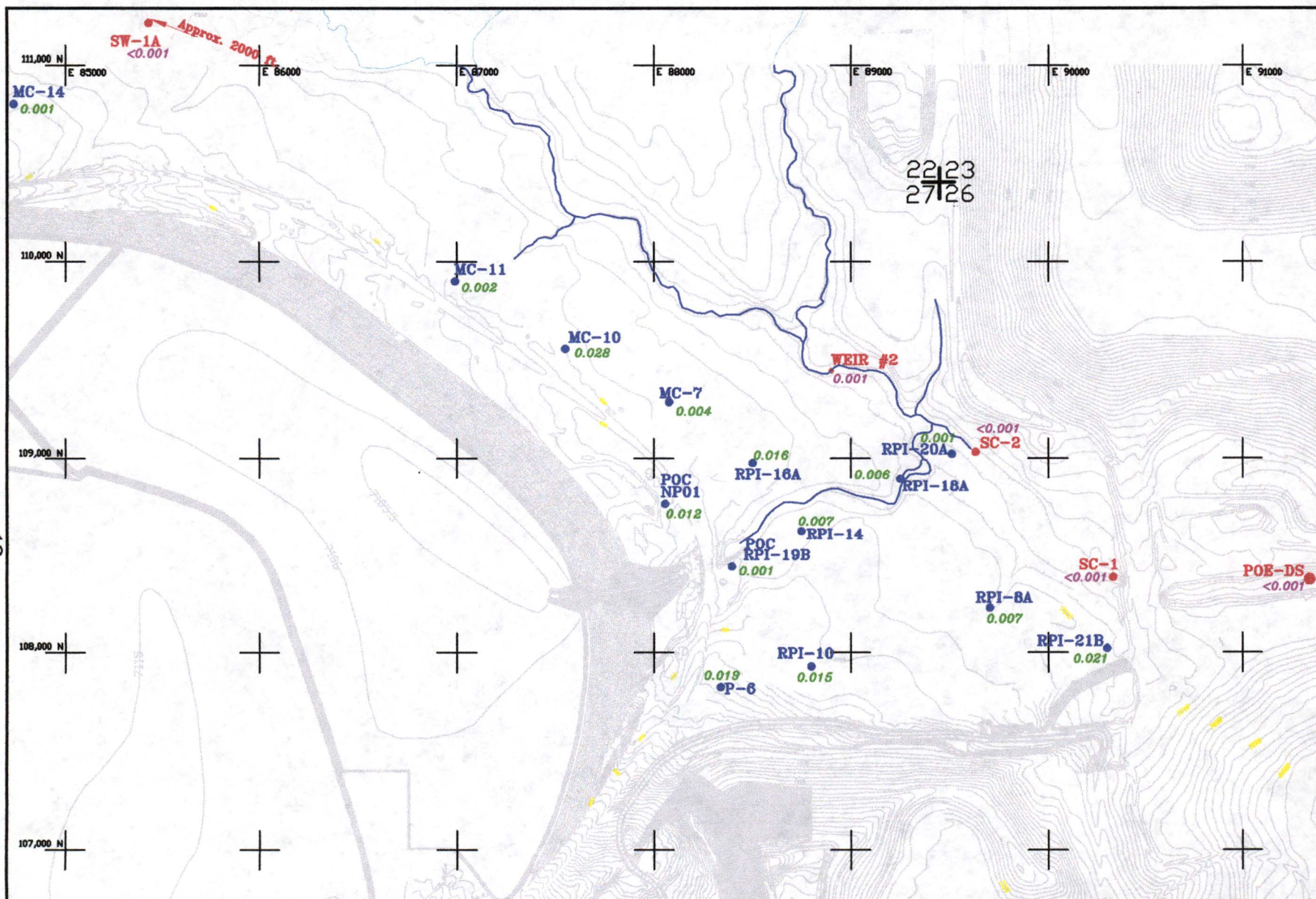


Figure 8. Ra226 + Ra228 Activity Versus Time For Surface Water Sample Locations SW-1A, SC-2, and POE-DS



LEGEND:

- <0.001 ● MONITORING WELL SELENIUM CONCENTRATION (mg/l)
- <0.001 ● SURFACE WATER SELENIUM CONCENTRATION (mg/l)

PATHFINDER

PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING

FIGURE 9. MID 2012 SELENIUM
CONCENTRATIONS IN SURFICIAL
AQUIFER MONITORING WELLS.

DRAWN BY TGM-RTS | DATE: 8-2012 Approx. Scale: 1"=700'
Serialannual-8-2012.dwg | HYDRO-ENGINEERING L.L.C.

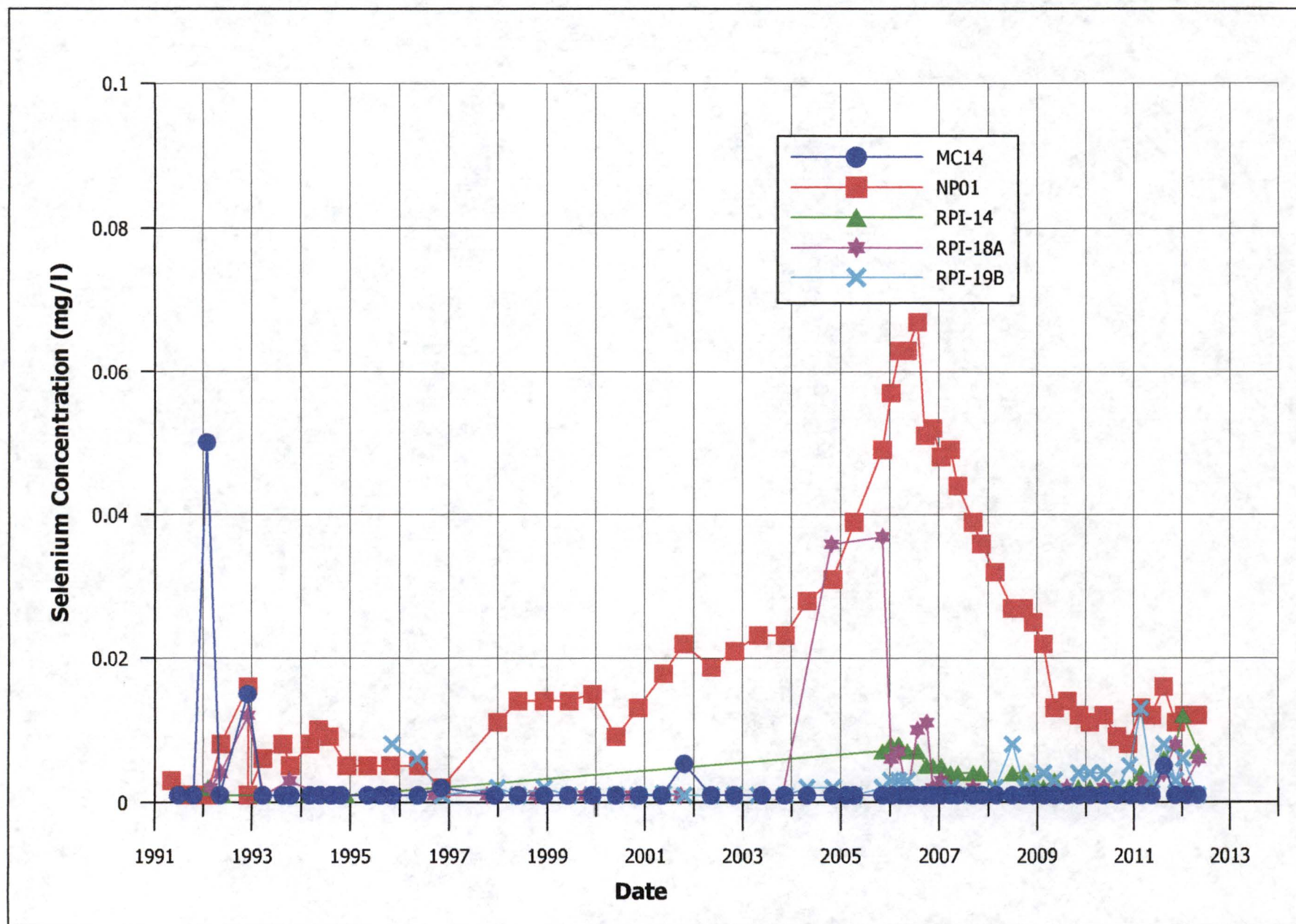


Figure 10. Selenium Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

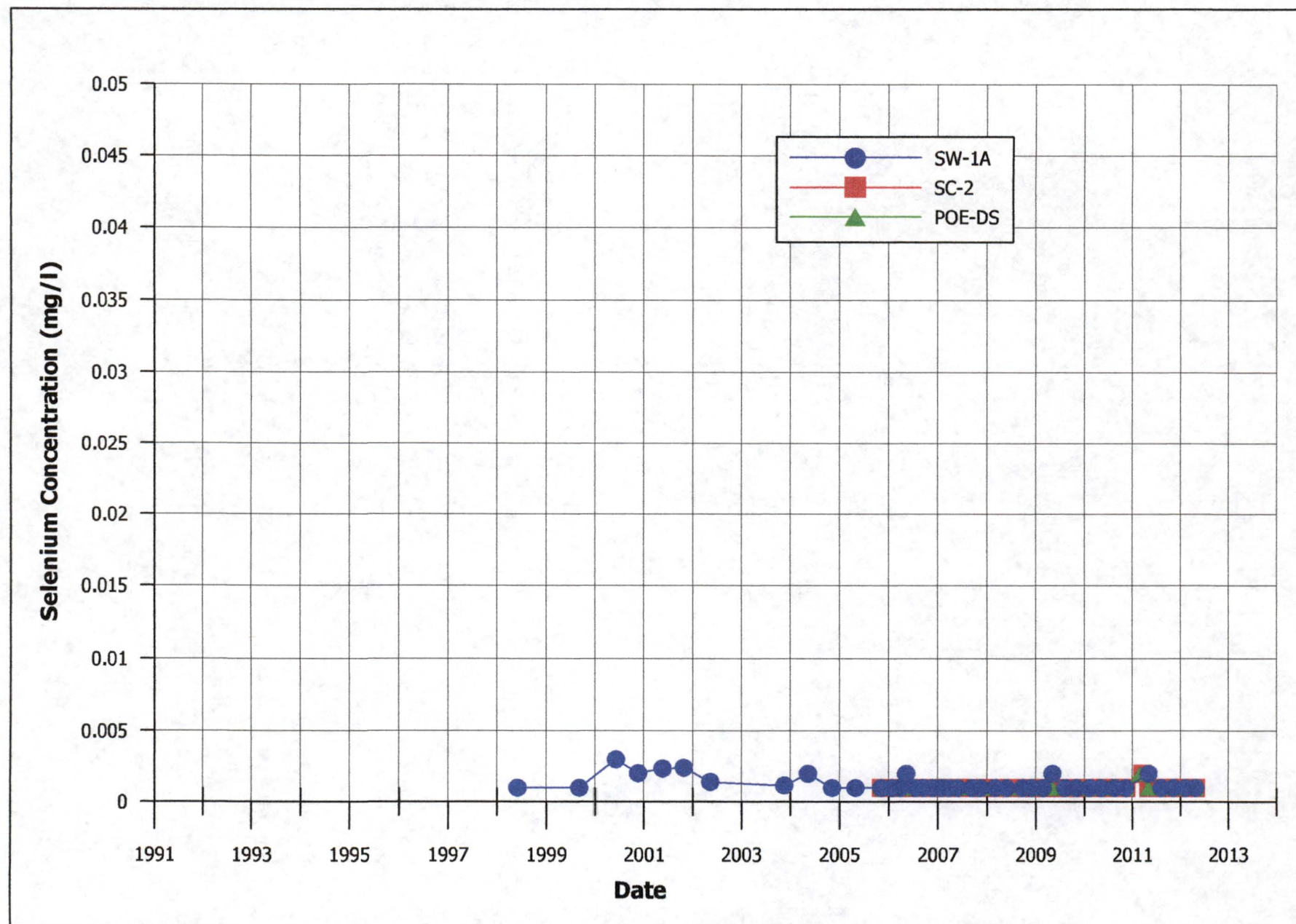
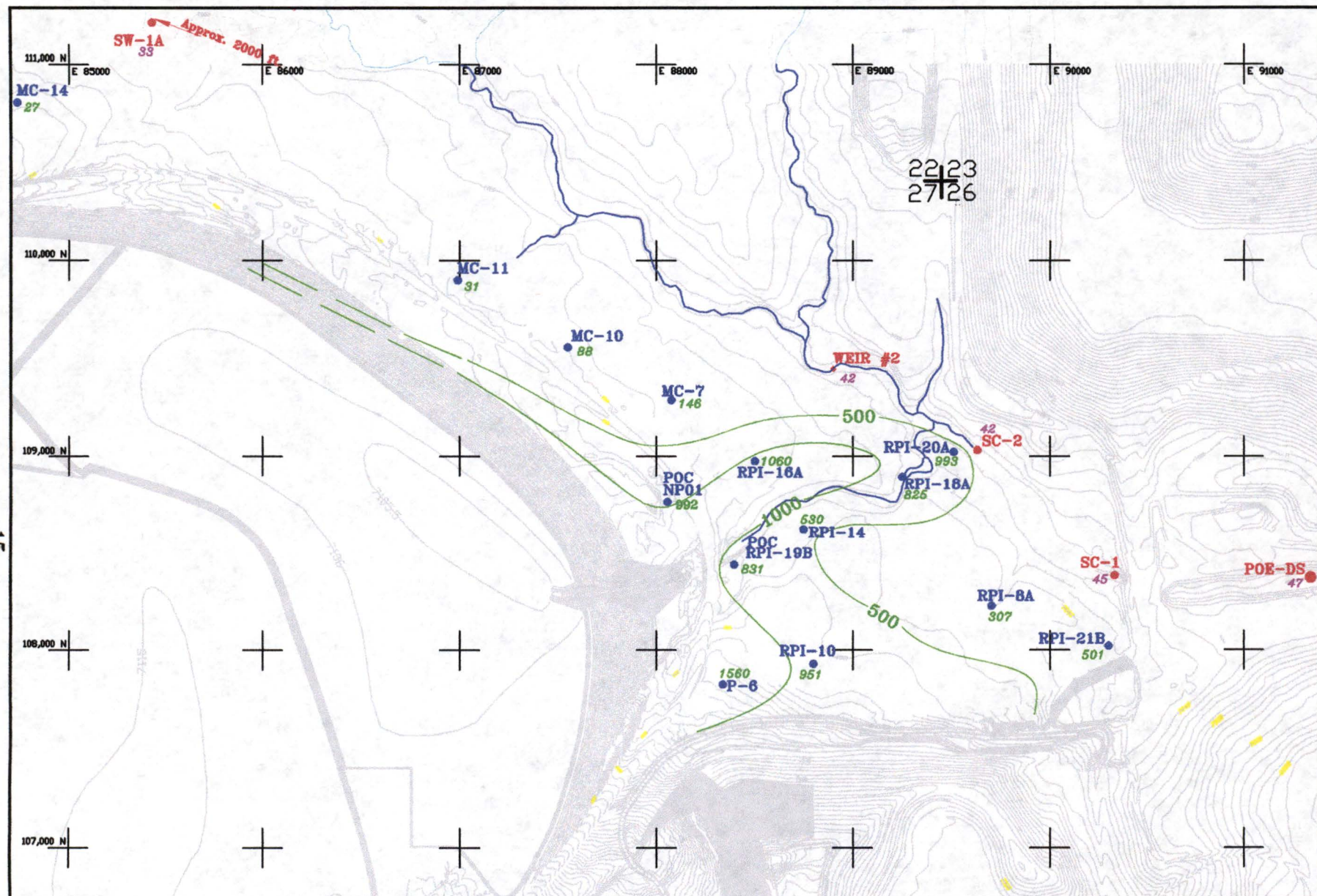


Figure 11. Selenium Concentration Versus Time For Surface Water
Sample Locations SW-1A, SC-2, and POE-DS



LEGEND:

- 238 ● MONITORING WELL SULFATE CONCENTRATION (mg/l)
- Sulfate ISO-CONCENTRATION CONTOURS
- 28 ● SURFACE WATER SULFATE CONCENTRATION (mg/l)

PATHFINDER

PATHFINDER MINES CORPORATION
SHIRLEY BASIN, WYOMING TERN, RTW

FIGURE 12. MID 2012 SULFATE
CONCENTRATIONS IN SURFICIAL
AQUIFER MONITORING WELLS.

DRAWN BY: TGM-RTS DATE: 8-2012 [Approx. Scale: 1"=700']
Semiannual-8-2012.dwg HYDRO-ENGINEERING LLC.

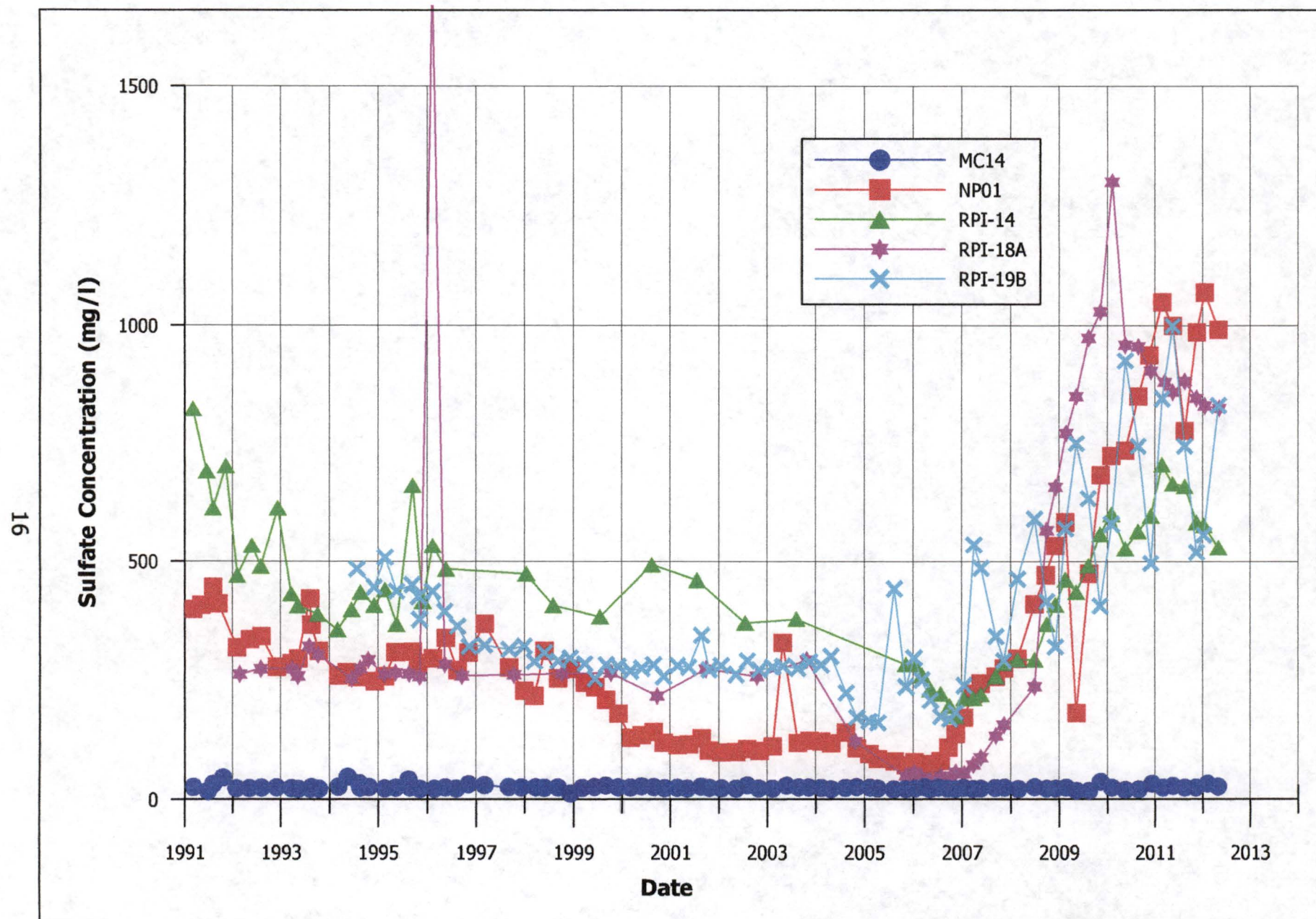


Figure 13. Sulfate Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

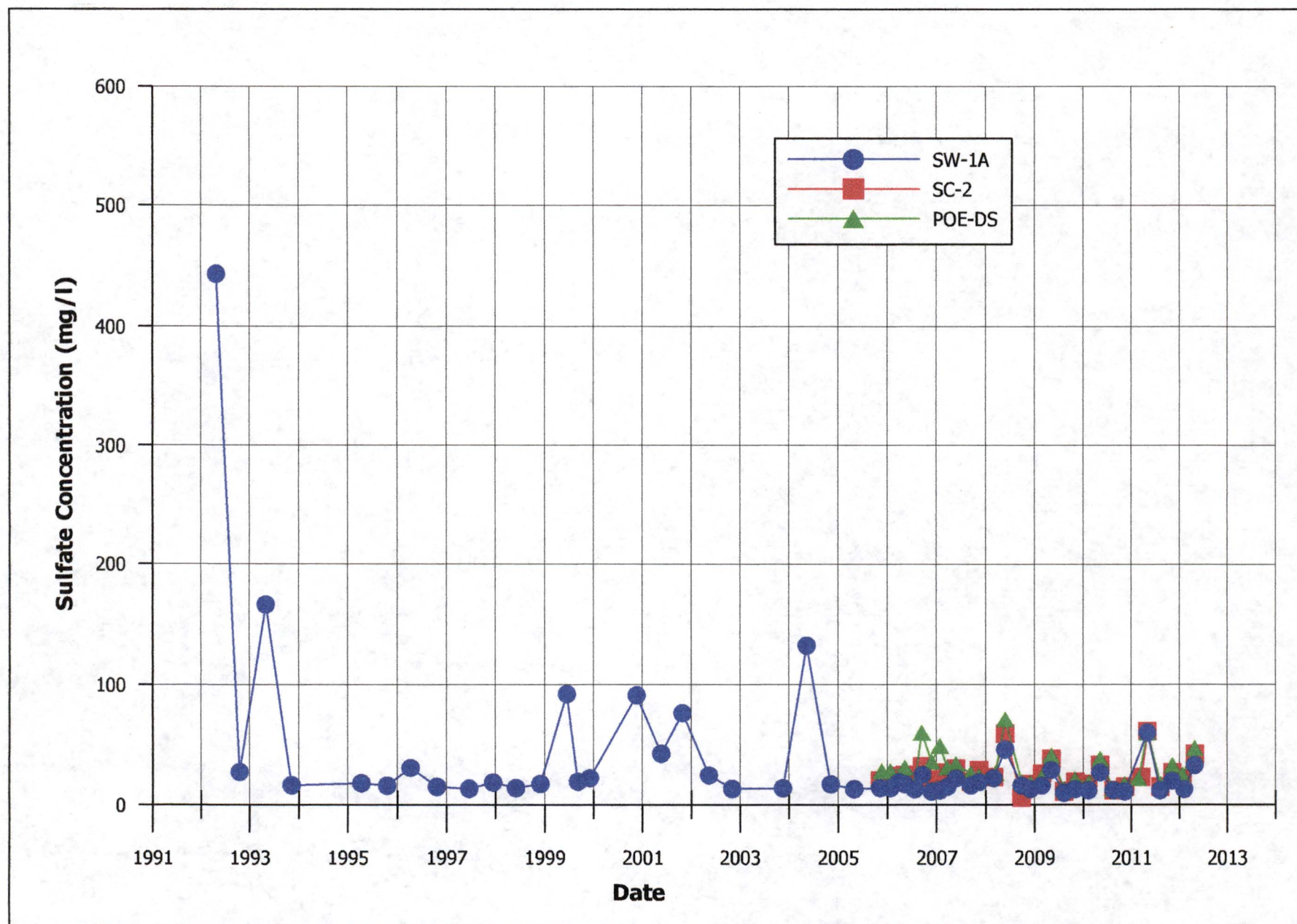
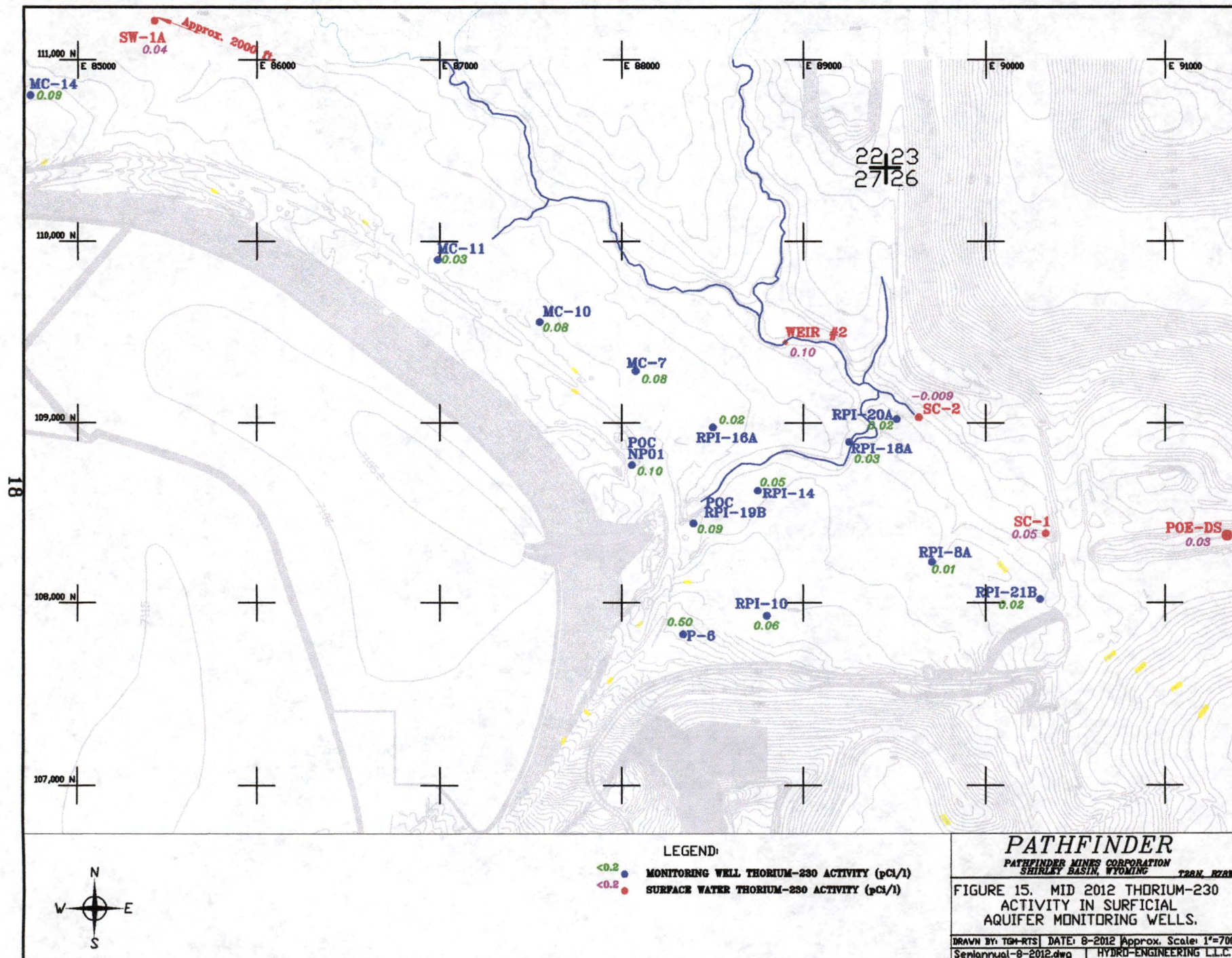


Figure 14. Sulfate Concentration Versus Time For Surface Water
Sample Locations SW-1A, SC-2, and POE-DS



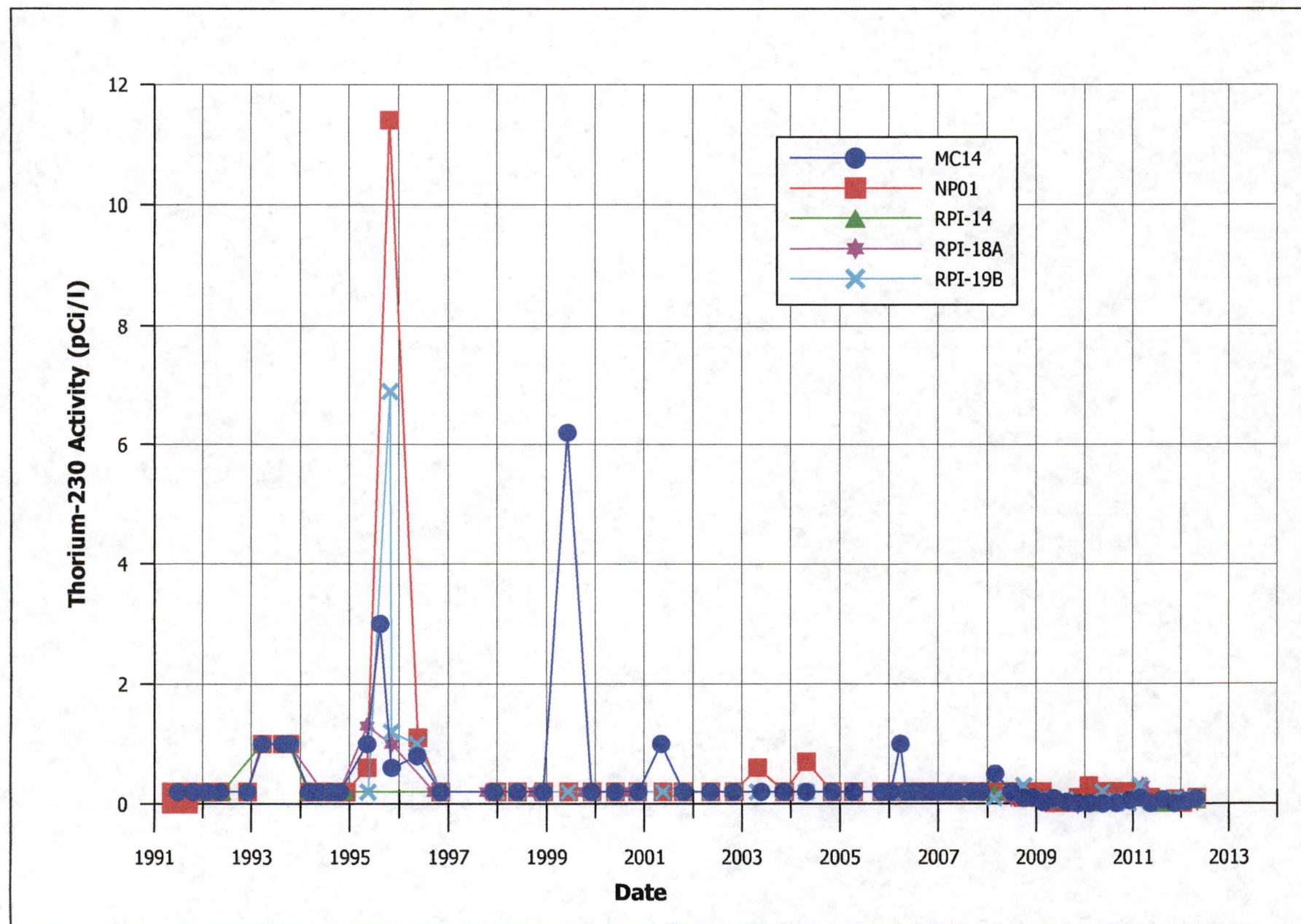


Figure 16. Thorium-230 Activity Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

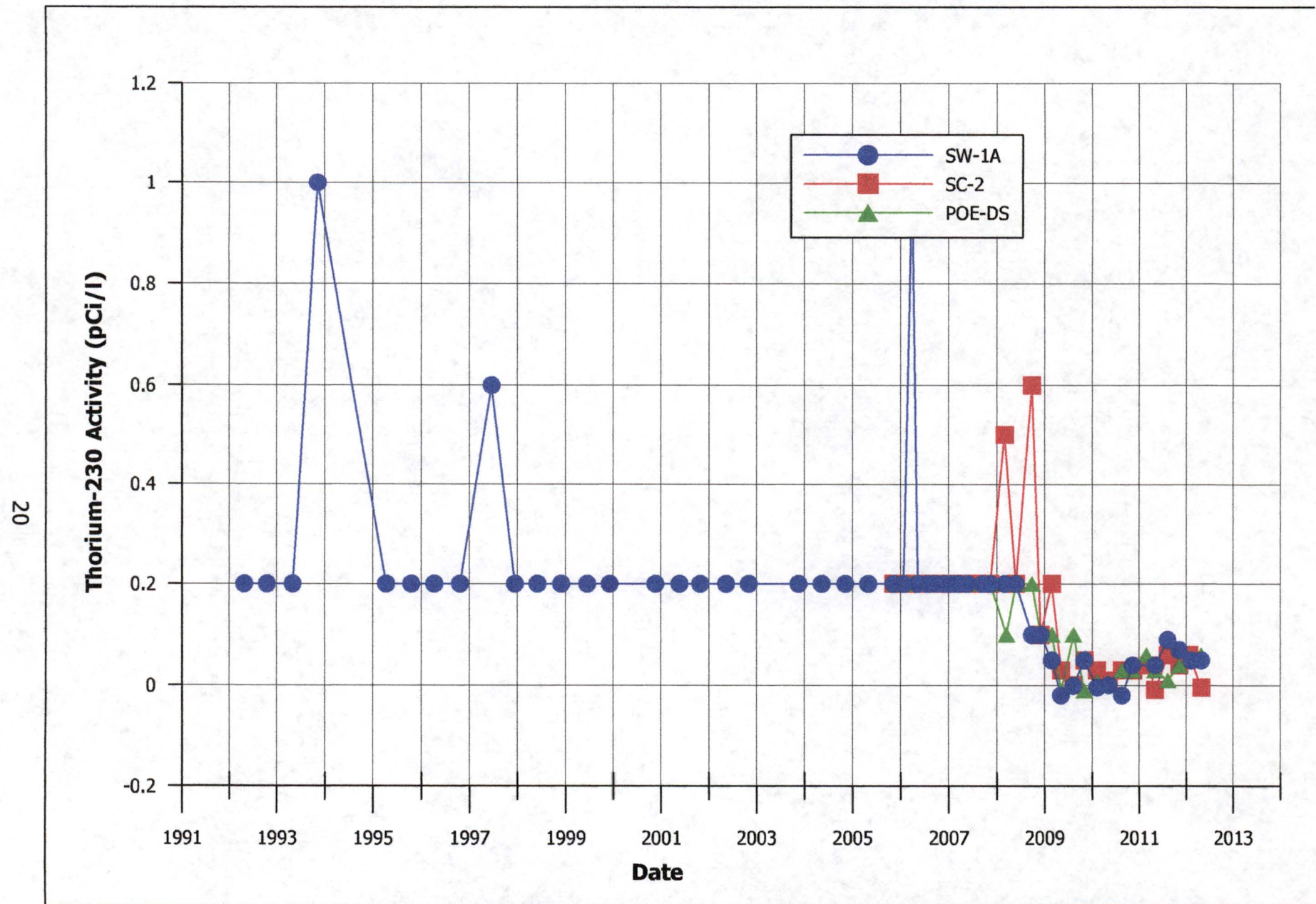
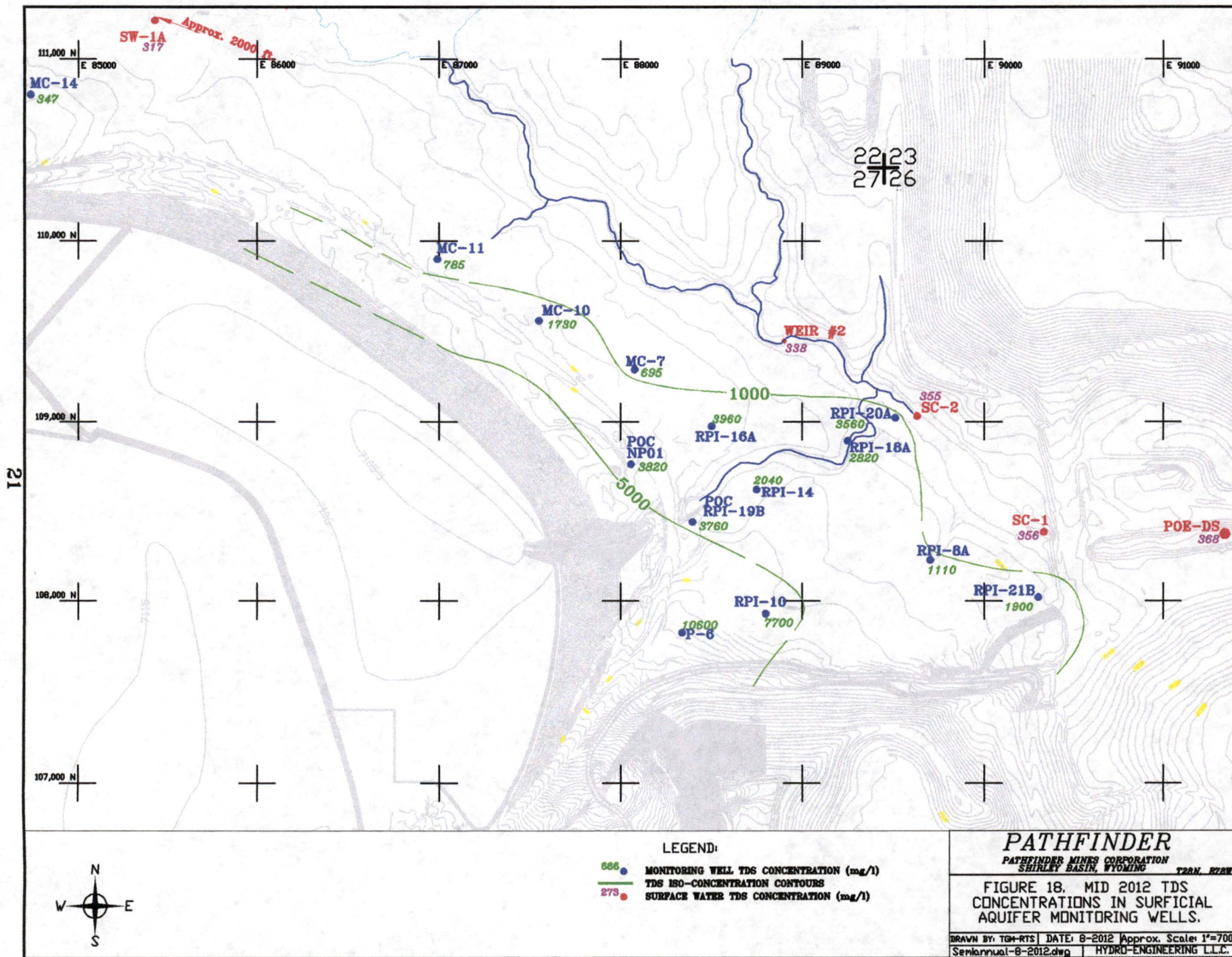


Figure 17. Thorium-230 Activity Versus Time For Surface Water
Sample Locations SW-1A, SC-2, and POE-DS



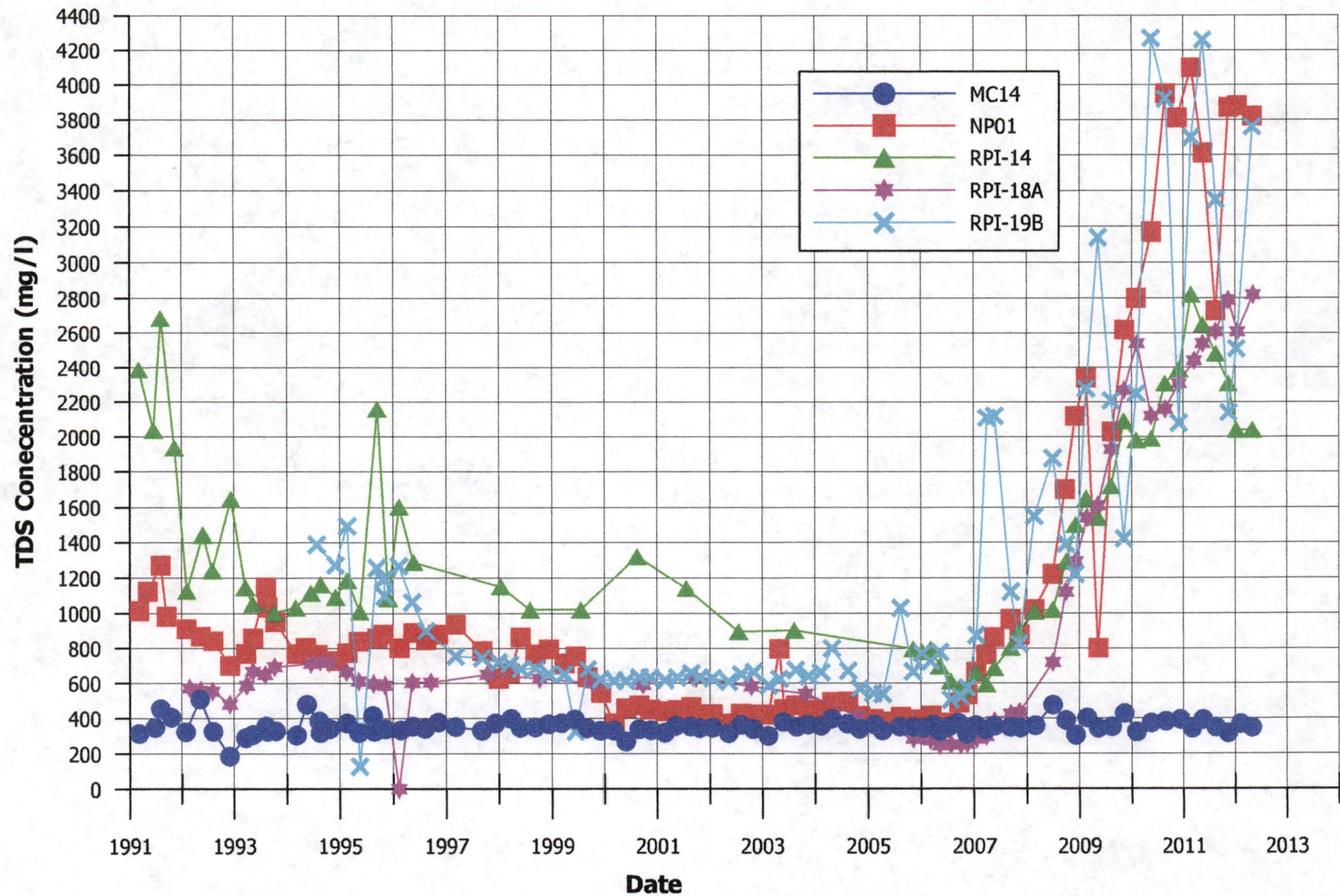


Figure 19. TDS Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

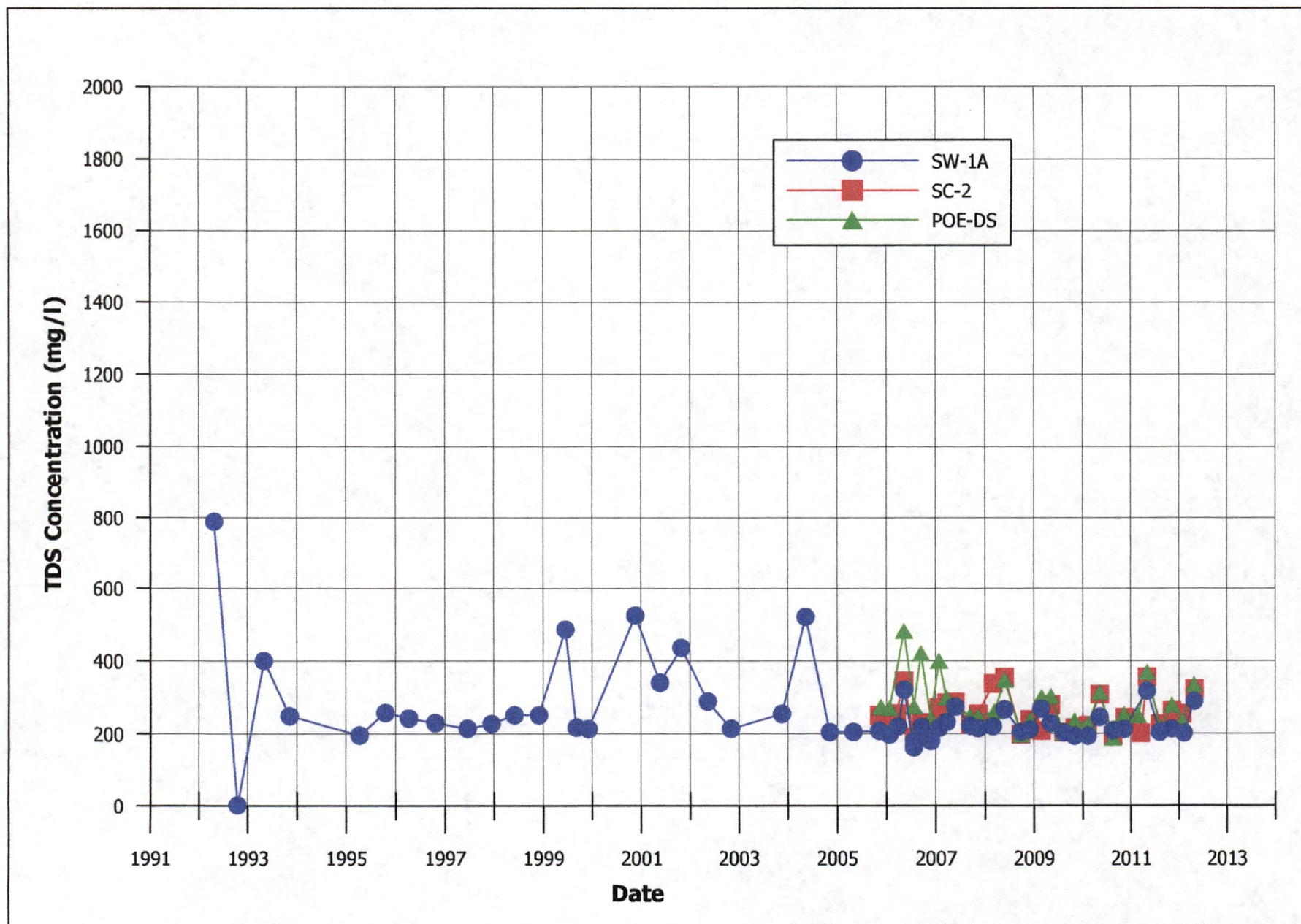


Figure 20. TDS Concentration Versus Time For Surface Water
Sample Locations SW-1A, SC-2, and POE-DS

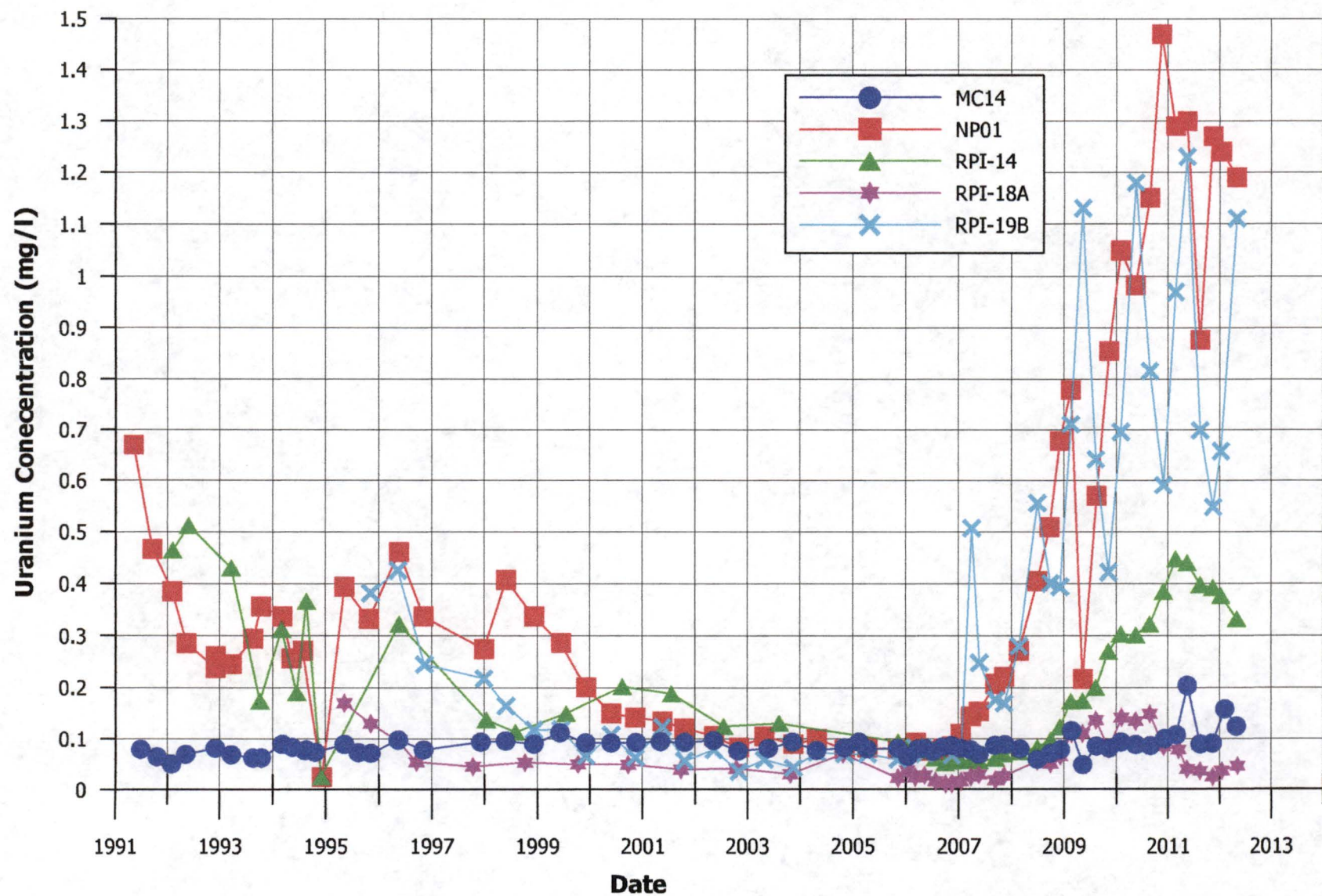


Figure 22. Uranium Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

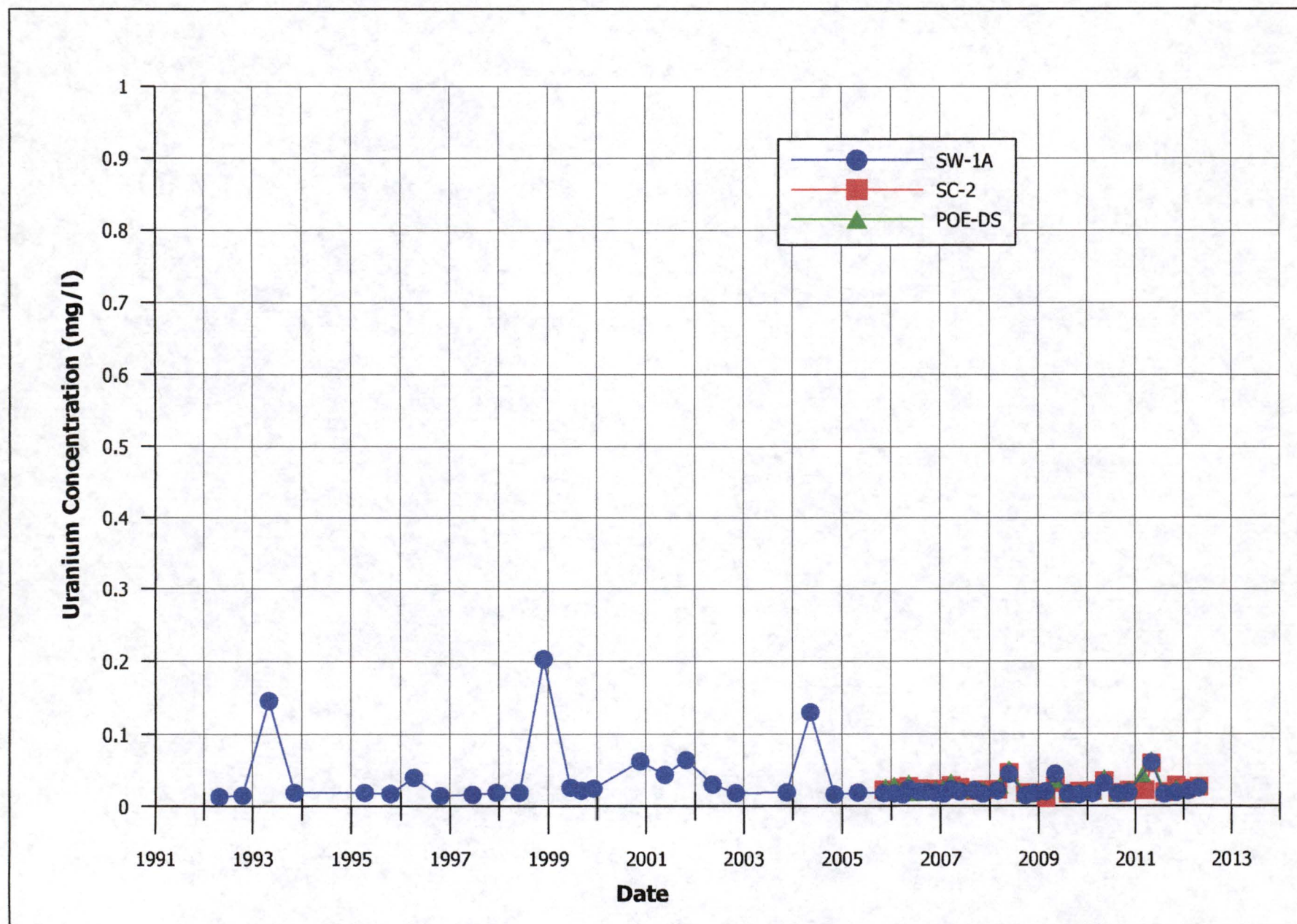


Figure 23. Uranium Concentration Versus Time For Surface Water
Sample Locations SW-1A, SC-2, and POE-DS

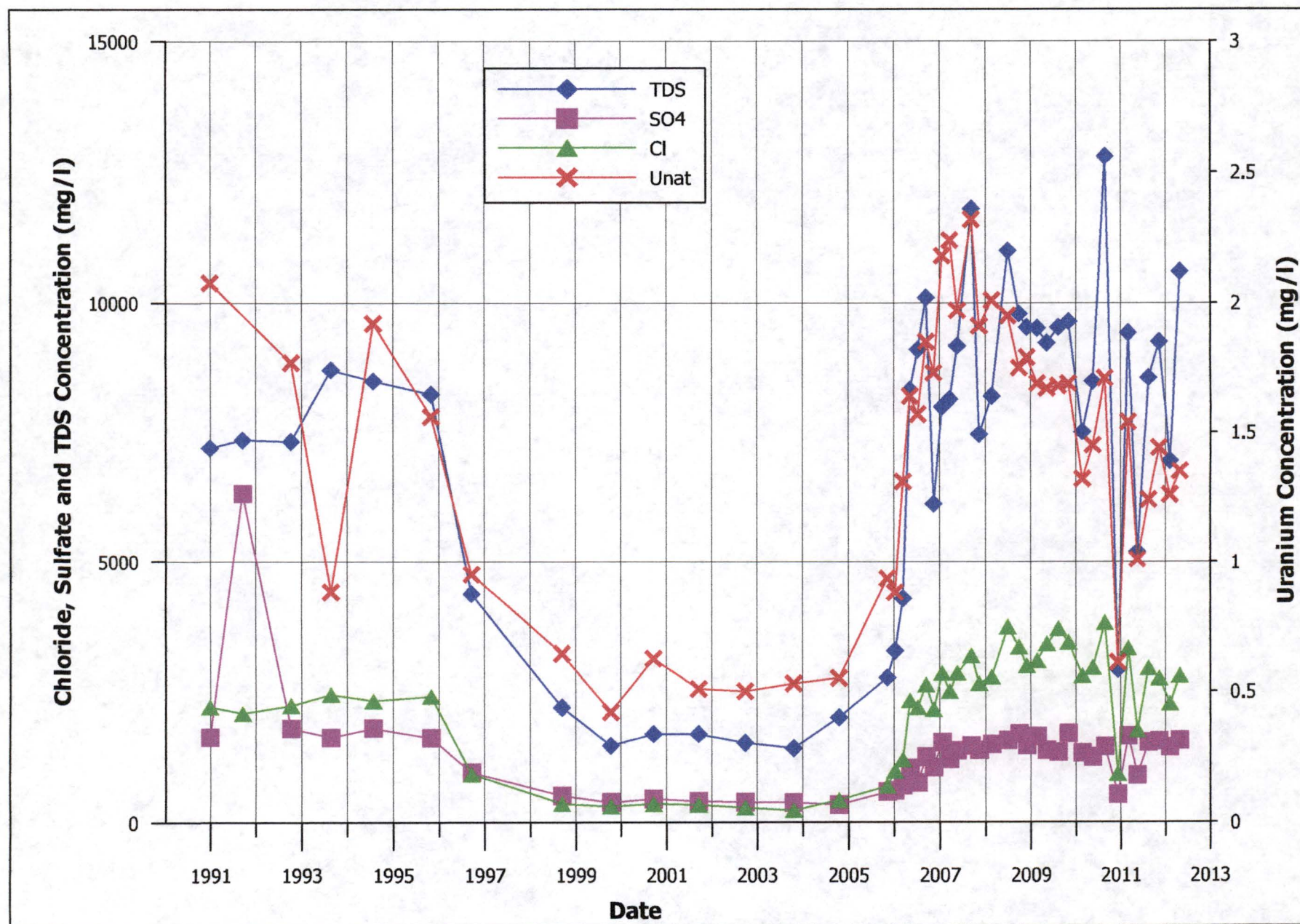


Figure 24. Chloride, Sulfate, TDS and Uranium Concentration Versus Time For Well P-6

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	2/25/2009	13.22	7036.39	7.10	882	578	130	64	0.1100	0.008
	5/13/2009	13.00	7036.61	7.19	1697	1010	236	268	0.1250	0.007
	8/17/2009	12.28	7037.33	7.17	1482	947	241	162	0.1820	0.006
	11/13/2009	12.84	7036.77	7.22	980	636	142	75	0.1520	0.005
	2/5/2010	13.25	7036.36	6.98	865	520	116	70	0.1380	0.005
	5/20/2010	12.61	7037.00	7.06	1216	774	165	176	0.1320	0.004
	8/30/2010	12.26	7037.35	7.32	1431	1060	292	231	0.2360	0.006
	12/9/2010	12.84	7036.77	7.20	1346	976	103	383	0.1180	0.010
	3/2/2011	13.28	7036.33	7.37	760	583	137	81	0.2660	0.006
	5/17/2011	11.38	7038.23	7.28	1356	1210	308	287	0.3090	0.006
	8/17/2011	10.80	7038.81	7.26	675	551	112	99	0.1360	0.007
	11/11/2011	12.64	7036.97	7.12	616	465	91	83	0.1120	0.004
	2/8/2012	11.25	7038.36	7.45	558	397	85	55	0.1240	0.005
	4/30/2012	11.56	7038.05	7.26	657	695	146	136	0.1170	0.004
MC10	2/25/2009	15.13	7037.47	7.60	930	519	48	159	0.0200	0.019
	5/13/2009	13.52	7039.08	7.69	1271	631	31	268	0.0174	0.015
	8/17/2009	13.91	7038.69	7.30	1479	791	28	358	0.0118	0.016
	11/13/2009	14.52	7038.08	7.36	1688	932	35	427	0.0131	0.014
	2/5/2010	15.10	7037.50	7.24	1459	788	35	368	0.0152	0.015
	5/20/2010	14.00	7038.60	7.14	1792	1060	31	509	0.0185	0.013
	8/30/2010	13.75	7038.85	7.41	1934	1340	29	645	0.0179	0.014
	12/9/2010	14.83	7037.77	7.14	1358	1050	40	473	0.0412	0.008
	3/2/2011	14.95	7037.65	7.57	1483	1250	41	586	0.0536	0.014
	5/17/2011	12.65	7039.95	7.32	1884	1560	38	750	0.0681	0.015
	8/17/2011	12.22	7040.38	7.07	1302	1170	66	523	0.0446	0.055
	11/11/2011	13.31	7039.29	7.03	1340	1400	79	587	0.0491	0.039
	2/8/2012	14.10	7038.50	7.11	1453	1630	85	731	0.1400	0.026
	4/30/2012	13.44	7039.16	7.13	1349	1730	88	745	0.0910	0.028
MC11	2/25/2009	14.31	7042.20	6.98	1286	726	30	268	0.0491	< 0.001
	5/13/2009	13.35	7043.16	7.26	1373	694	21	282	0.0474	< 0.001
	8/17/2009	12.94	7043.57	7.05	1313	720	21	274	0.0471	< 0.001
	11/13/2009	13.42	7043.09	6.95	1347	763	27	284	0.0490	< 0.001
	2/5/2010	14.12	7042.39	6.67	1235	672	25	280	0.0532	< 0.001
	5/20/2010	13.75	7042.76	6.92	1341	800	30	325	0.0598	0.001
	8/30/2010	12.47	7044.04	7.25	1177	733	25	299	0.0508	< 0.001
	12/9/2010	13.38	7043.13	7.03	1042	770	47	293	0.0585	0.002
	3/2/2011	13.95	7042.56	7.44	1010	763	31	290	0.0708	< 0.001
	5/17/2011	12.48	7044.03	7.32	1084	749	28	302	0.1010	0.002
	8/17/2011	10.88	7045.63	6.89	944	793	41	314	0.0579	0.003

* = Not Enough Water to Sample

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

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	11/11/2011	12.06	7044.45	6.97	930	751	31	290	0.0538	< 0.001
	2/8/2012	13.20	7043.31	6.96	820	769	33	292	0.1330	< 0.001
	4/30/2012	13.30	7043.21	7.03	698	785	31	299	0.0855	0.002
MC14	2/25/2009	25.12	7059.59	7.09	597	402	25	20	0.1150	< 0.001
	5/13/2009	24.85	7059.86	7.43	807	343	18	25	0.0482	< 0.001
	8/17/2009	24.91	7059.80	7.02	631	352	18	22	0.0851	< 0.001
	11/13/2009	24.82	7059.89	7.17	639	427	37	18	0.0811	< 0.001
	2/5/2010	25.14	7059.57	6.93	598	322	25	14	0.0931	< 0.001
	5/19/2010	25.49	7059.22	7.09	644	373	20	28	0.0880	< 0.001
	8/30/2010	25.00	7059.71	7.38	612	382	21	23	0.0860	0.001
	12/9/2010	25.12	7059.59	7.53	580	393	33	27	0.0996	< 0.001
	3/2/2011	15.62	7069.09	7.65	513	342	25	16	0.1070	0.001
	5/17/2011	25.02	7059.69	7.33	576	392	28	32	0.2040	0.001
	8/17/2011	23.92	7060.79	6.93	509	349	25	20	0.0891	0.005
	11/11/2011	24.09	7060.62	7.11	483	316	25	16	0.0906	0.001
	2/8/2012	24.77	7059.94	7.00	429	368	33	20	0.1580	< 0.001
	4/30/2012	24.86	7059.85	7.12	326	347	27	13	0.1240	0.001
NP01	2/18/2009	14.90	7036.91	6.62	2690	2340	583	558	0.7790	0.022
	5/12/2009	12.35	7039.46	7.09	1372	801	182	193	0.2160	0.013
	8/17/2009	13.06	7038.75	6.73	2720	2030	474	455	0.5700	0.014
	11/13/2009	13.58	7038.23	6.67	3700	2620	683	677	0.8550	0.012
	2/3/2010	13.88	7037.93	6.46	4070	2800	723	739	1.0500	0.011
	5/19/2010	12.87	7038.94	6.55	3750	3170	735	755	0.9830	0.012
	8/26/2010	12.98	7038.83	6.77	3790	3950	850	865	1.1500	0.009
	11/19/2010	13.61	7038.20	6.53	3340	3810	938	932	1.4700	0.008
	2/24/2011	13.98	7037.83	6.62	3280	4100	1050	966	1.2900	0.013
	5/16/2011	11.45	7040.36	6.69	3410	3610	1000	880	1.3000	0.012
	8/16/2011	11.59	7040.22	6.31	1835	2730	777	627	0.8770	0.016
	11/16/2011	12.52	7039.29	6.37	2810	3870	986	868	1.2700	0.011
	1/17/2012	12.85	7038.96	6.29	1947	3880	1070	914	1.2400	0.012
	5/2/2012	12.09	7039.72	6.58	1615	3820	992	819	1.1900	0.012
P-6	2/24/2009	22.24	7035.96	5.84	11560	9510	1630	3090	1.6900	0.014
	5/12/2009	21.15	7037.05	6.08	13040	9230	1370	3410	1.6700	0.016
	8/13/2009	21.35	7036.85	6.12	12520	9530	1330	3700	1.6800	0.010
	11/4/2009	21.81	7036.39	5.92	11770	9640	1690	3440	1.6900	0.010
	2/24/2010	22.12	7036.08	5.98	8300	7510	1320	2800	1.3200	< 0.001
	5/19/2010	21.28	7036.92	6.01	7690	8490	1240	2960	1.4500	0.012
	8/26/2010	21.12	7037.08	6.00	8440	12800	1440	3810	1.7100	0.010
	12/9/2010	21.83	7036.37	6.48	2980	2920	526	924	0.6110	0.007

* = Not Enough Water to Sample

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

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)
P-6	3/2/2011	21.62	7036.58	5.99	5990	9420	1640	3330	1.5400	0.013
	5/17/2011	20.59	7037.61	6.39	4310	5200	894	1750	1.0100	0.010
	8/17/2011	20.00	7038.20	5.77	5410	8560	1520	2950	1.2400	0.013
	11/11/2011	20.32	7037.88	5.81	5050	9250	1540	2750	1.4400	0.015
	2/8/2012	20.91	7037.29	5.91	4170	6950	1430	2260	1.2600	0.011
	4/30/2012	20.52	7037.68	5.99	3770	10600	1560	2800	1.3500	0.019
RPI-8A	2/18/2009	10.78	7028.62	7.15	1149	776	279	60	0.1440	0.006
	5/11/2009	10.38	7029.02	7.40	1038	643	260	35	0.1550	0.008
	8/12/2009	10.38	7029.02	7.31	1174	766	268	75	0.1440	0.006
	11/4/2009	10.84	7028.56	6.91	1202	765	286	85	0.1360	0.006
	2/3/2010	10.70	7028.70	6.85	1275	803	273	101	0.1670	0.006
	5/17/2010	10.52	7028.88	6.87	1184	839	277	102	0.1760	0.007
	8/24/2010	10.45	7028.95	7.05	1071	850	289	126	0.1640	0.007
	11/16/2010	10.54	7028.86	7.19	989	862	281	140	0.1720	0.006
	2/25/2011	10.75	7028.65	7.34	1105	945	301	161	0.1640	0.008
	5/5/2011	10.31	7029.09	7.28	990	828	277	123	0.1700	0.007
	8/11/2011	9.26	7030.14	7.03	876	970	300	168	0.1460	0.006
	11/9/2011	9.39	7030.01	7.02	949	1010	307	193	0.1660	0.007
	1/10/2012	8.17	7031.23	7.12	568	551	165	48	0.1330	0.027
	5/1/2012	9.55	7029.85	7.16	915	1110	307	214	0.1670	0.007
RPI-10	2/19/2009	14.60	7034.81	6.52	3690	3170	338	1190	0.8530	0.024
	5/11/2009	15.05	7034.36	6.73	5220	3550	394	1380	1.0200	0.024
	8/13/2009	15.00	7034.41	6.72	5280	3670	408	1460	1.0400	0.021
	11/10/2009	15.29	7034.12	6.62	5940	4420	512	1660	1.1400	0.023
	2/1/2010	15.56	7033.85	6.46	5780	3970	541	1680	1.3000	0.022
	5/17/2010	15.29	7034.12	6.67	5170	4830	611	1820	1.2900	0.022
	8/24/2010	15.00	7034.41	6.49	4590	6870	718	1850	1.3100	0.022
	11/19/2010	15.36	7034.05	6.56	4390	5420	696	1930	1.5800	0.020
	2/24/2011	15.60	7033.81	6.57	3390	6090	861	2070	1.3900	0.030
	5/5/2011	15.15	7034.26	6.57	4470	5730	848	1980	1.3700	0.019
	8/16/2011	15.66	7033.75	6.40	3640	6190	934	2030	1.4500	0.023
	11/14/2011	14.11	7035.30	6.37	4090	6240	903	2050	1.4400	0.019
	1/10/2012	14.38	7035.03	6.88	3760	5960	925	2000	1.5100	0.024
	5/1/2012	14.30	7035.11	6.86	3440	7700	951	2050	1.4700	0.015
RPI-14	2/19/2009	7.46	7034.44	7.02	2100	1650	462	374	0.1730	0.002
	5/12/2009	6.12	7035.78	7.16	2710	1540	436	379	0.1740	0.003
	8/11/2009	7.34	7034.56	7.25	2730	1720	491	437	0.2000	0.002
	11/10/2009	7.42	7034.48	6.96	3150	2090	559	529	0.2700	0.002
	2/3/2010	7.41	7034.49	6.79	3080	1980	600	528	0.3030	0.002

* = Not Enough Water to Sample

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

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-14	5/18/2010	7.12	7034.78	6.87	2710	1990	528	483	0.3010	0.002
	8/24/2010	7.32	7034.58	7.07	2600	2310	564	558	0.3220	0.002
	12/1/2010	7.45	7034.45	7.02	2790	2390	597	653	0.3850	0.002
	2/24/2011	7.50	7034.40	7.05	1830	2820	705	743	0.4470	0.004
	5/16/2011	6.98	7034.92	7.07	2740	2650	665	726	0.4400	0.002
	8/16/2011	6.67	7035.23	6.81	1642	2480	659	644	0.3980	0.006
	11/14/2011	6.95	7034.95	6.88	1726	2310	583	553	0.3920	0.008
	1/10/2012	6.68	7035.22	7.04	1456	2040	577	464	0.3770	0.012
	5/1/2012	6.81	7035.09	7.07	1369	2040	530	454	0.3320	0.007
RPI-16A	2/18/2009	11.18	7036.42	6.76	2690	2340	642	516	0.2060	0.019
	5/11/2009	10.32	7037.28	6.97	1990	2630	776	611	0.2950	0.019
	8/14/2009	10.88	7036.72	6.86	4560	3110	961	789	0.5460	0.016
	11/10/2009	10.92	7036.68	6.67	4490	3380	984	784	0.6040	0.015
	2/1/2010	11.20	7036.40	6.52	4300	3310	1000	781	0.7670	0.015
	5/18/2010	10.39	7037.21	6.61	4070	3590	1050	825	0.8660	0.015
	8/25/2010	10.52	7037.08	6.74	3830	4040	1070	848	0.8640	0.015
	11/29/2010	10.95	7036.65	6.65	3350	3560	977	768	0.8860	0.015
	2/25/2011	11.25	7036.35	6.85	3370	3740	1110	837	0.8500	0.022
	5/16/2011	9.95	7037.65	6.75	3330	3530	1060	826	0.9050	0.014
	8/16/2011	9.34	7038.26	6.38	2610	3210	949	737	0.7530	0.018
	11/16/2011	9.93	7037.67	6.56	2590	3120	860	656	0.7740	0.015
	1/17/2012	10.22	7037.38	6.46	1968	3500	1060	772	0.8260	0.016
	5/2/2012	9.97	7037.63	6.62	1832	3960	1060	785	1.0600	0.016
RPI-18A	2/24/2009	5.16	7026.69	6.62	2050	1540	772	71	0.1100	< 0.001
	5/11/2009	3.86	7027.99	6.98	2400	1610	850	124	0.1100	0.002
	8/13/2009	6.12	7025.73	6.89	3030	1930	974	151	0.1360	0.002
	11/11/2009	4.46	7027.39	6.52	2870	2270	1030	219	0.0796	< 0.001
	2/8/2010	5.22	7026.63	6.41	2840	2540	1300	293	0.1410	< 0.001
	5/18/2010	3.69	7028.16	6.52	2720	2120	959	284	0.1340	0.002
	8/26/2010	6.10	7025.75	6.85	2650	2160	956	347	0.1480	< 0.001
	12/1/2010	4.75	7027.10	6.46	2650	2310	904	430	0.0847	0.001
	3/17/2011	4.14	7027.71	6.38	2550	2440	880	561	0.0777	0.003
	5/16/2011	3.52	7028.33	6.45	2790	2540	859	653	0.0395	0.001
	8/16/2011	4.41	7027.44	6.02	2420	2610	882	635	0.0359	0.004
	11/14/2011	3.98	7027.87	6.17	2810	2790	846	668	0.0243	0.008
	1/17/2012	3.90	7027.95	5.93	1873	2610	830	659	0.0363	0.002
	5/7/2012	3.95	7027.90	6.34	1584	2820	825	653	0.0456	0.006
RPI-19B	2/19/2009	10.66	7036.15	6.42	2560	2280	570	579	0.7110	0.004
	5/12/2009	9.38	7037.43	6.56	4420	3140	750	831	1.1300	0.003

* = Not Enough Water to Sample

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

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-19B	8/11/2009	10.16	7036.65	6.69	3410	2210	633	606	0.6420	0.001
	11/10/2009	10.52	7036.29	6.62	2200	1420	407	328	0.4220	0.004
	2/3/2010	10.66	7036.15	6.32	3360	2250	579	663	0.6960	0.004
	5/18/2010	9.58	7037.23	6.27	4420	4270	926	1240	1.1800	0.004
	8/25/2010	10.21	7036.60	6.39	3370	3920	744	856	0.8160	0.002
	11/29/2010	10.48	7036.33	6.48	2410	2080	496	515	0.5910	0.005
	2/24/2011	10.70	7036.11	6.54	2990	3700	845	994	0.9700	0.013
	5/16/2011	9.04	7037.77	6.39	3700	4260	1000	1240	1.2300	0.003
	8/16/2011	9.36	7037.45	6.24	2630	3350	745	907	0.6990	0.008
	11/16/2011	9.68	7037.13	6.38	1460	2140	520	487	0.5480	0.003
	1/10/2012	9.75	7037.06	6.33	1542	2510	557	643	0.6580	0.006
	5/2/2012	9.35	7037.46	6.43	1589	3760	831	830	1.1100	0.001
RPI-20A	2/24/2009	6.88	7024.73	6.56	1767	1320	623	85	0.0562	< 0.001
	5/11/2009	5.72	7025.89	6.86	2240	1540	807	102	0.0412	0.002
	8/12/2009	7.26	7024.35	6.94	1865	1320	583	171	0.0310	< 0.001
	11/4/2009	6.81	7024.80	6.49	1712	1280	600	109	0.0265	< 0.001
	2/1/2010	6.71	7024.90	6.42	2210	1410	621	216	0.0593	0.001
	5/17/2010	5.14	7026.47	7.06	2420	1780	767	305	0.0562	0.002
	8/24/2010	7.31	7024.30	6.65	1556	1590	621	285	0.0454	< 0.001
	11/16/2010	6.81	7024.80	6.74	1359	1510	624	254	0.0376	< 0.001
	2/24/2011	6.78	7024.83	6.61	1530	2030	761	401	0.0702	0.002
	5/5/2011	4.98	7026.63	6.71	1813	1970	779	402	0.0786	0.002
	8/11/2011	6.58	7025.03	6.33	1407	2060	642	515	0.0940	< 0.001
	11/9/2011	5.73	7025.88	6.18	1821	2800	932	748	0.1200	0.002
	1/10/2012	6.41	7025.20	6.75	2720	3420	1060	885	0.7360	0.009
	5/2/2012	5.49	7026.12	6.37	1448	3560	993	840	0.1520	0.001
RPI-21B	2/18/2009	11.24	7025.40	7.12	1195	778	257	95	0.0960	0.007
	5/11/2009	10.52	7026.12	7.84	1269	779	283	117	0.0904	0.016
	8/12/2009	10.69	7025.95	7.36	1470	923	288	183	0.0938	0.015
	11/4/2009	10.81	7025.83	6.82	1626	1050	319	233	0.0873	0.011
	2/1/2010	10.96	7025.68	6.81	1634	1090	312	279	0.1120	0.010
	5/17/2010	10.55	7026.09	6.88	1565	1160	371	230	0.1400	0.013
	8/24/2010	10.75	7025.89	6.86	1386	1400	373	361	0.1420	0.011
	11/16/2010	10.62	7026.02	7.04	1372	1450	392	386	0.1590	0.010
	2/25/2011	11.06	7025.58	7.07	1542	1640	423	430	0.1720	0.012
	5/5/2011	9.58	7027.06	6.92	1558	1590	434	435	0.1860	0.011
	8/11/2011	9.21	7027.43	6.89	1201	1530	552	280	0.1330	0.020
	11/9/2011	9.26	7027.38	6.82	1295	1530	441	407	0.1710	0.021
	1/10/2012	9.38	7027.26	6.89	1118	1780	464	460	0.2370	0.022

* = Not Enough Water to Sample

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

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	5/1/2012	9.25	7027.39	6.99	1335	1900	501	484	0.2410	0.021

* = Not Enough Water to Sample

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)	Alpha(e) (pCi/l)
MC07	2/25/2009	0.10	—	0.44	± 0.15	0.5	± 0.8	0.94	0.6	± 0.4
	5/13/2009	0.03	± 0.09	0.98	± 0.22	0.8	± 0.6	1.78	1.7	± 0.7
	8/17/2009	0.08	—	0.61	± 0.19	2.1	± 0.9	2.71	2.3	± 0.5
	11/13/2009	0.04	± 0.08	0.78	± 0.25	0.9	± 1.1	1.68	0.7	± 0.5
	2/5/2010	0.04	± 0.06	0.48	± 0.16	0.7	± 0.8	1.18	0.7	± 0.4
	5/20/2010	0.00	± 0.08	0.64	± 0.21	0.6	± 1.0	1.24	0.9	± 0.6
	8/30/2010	0.04	± 0.09	0.50	± 0.20	2.3	± 0.1	2.80	2.0	± 0.6
	12/9/2010	0.05	± 0.08	1.40	± 0.23	2.2	± 0.7	3.60	4.7	± 1.1
	3/2/2011	0.30	± 0.10	2.00	± 0.30	0.3	± 0.6	2.30	3.1	± 0.6
	5/17/2011	0.10	± 0.10	1.70	± 0.30	1.1	± 0.6	2.80	2.4	± 0.8
	8/17/2011	0.04	± 0.08	1.10	± 0.30	0.9	± 0.8	2.00	1.1	± 0.5
	11/11/2011	0.08	± 0.09	1.90	± 0.28	0.5	± 0.5	2.40	2.3	± 0.8
	2/8/2012	0.04	± 0.07	0.81	± 0.24	1.4	± 0.9	2.21	1.3	± 0.5
	4/30/2012	0.08	± 0.09	0.68	± 0.19	0.9	± 0.7	1.58	1.6	± 0.8
MC10	2/25/2009	0.02	—	0.57	± 0.17	0.5	± 0.8	1.07	0.6	± 0.4
	5/13/2009	0.03	± 0.10	0.86	± 0.20	0.5	± 0.5	1.36	1.4	± 0.7
	8/17/2009	-0.01	—	1.40	± 0.25	1.4	± 0.9	2.80	2.4	± 0.5
	11/13/2009	0.00	± 0.08	1.80	± 0.34	2.3	± 1.2	4.10	1.8	± 0.6
	2/5/2010	0.10	± 0.09	1.20	± 0.25	0.6	± 0.9	1.80	1.3	± 0.5
	5/20/2010	0.08	± 0.10	1.10	± 0.26	1.1	± 1.0	2.20	1.7	± 0.7
	8/30/2010	0.20	± 0.10	2.40	± 0.50	1.6	± 1.4	4.00	3.9	± 0.8
	12/9/2010	0.04	± 0.08	3.50	± 0.35	1.9	± 0.6	5.40	8.0	± 1.3
	3/2/2011	0.04	± 0.09	2.90	± 0.40	1.2	± 0.7	4.10	3.3	± 0.6
	5/17/2011	0.10	± 0.10	3.70	± 0.40	2.1	± 0.8	5.80	4.5	± 0.9
	8/17/2011	0.04	± 0.07	4.30	± 0.50	2.5	± 0.9	6.80	5.7	± 1.0
	11/11/2011	-0.01	± 0.05	3.20	± 0.37	4.1	± 0.7	7.30	4.9	± 1.0
	2/8/2012	0.03	± 0.06	6.40	± 0.57	2.2	± 0.8	8.60	7.1	± 1.1
	4/30/2012	0.08	± 0.09	1.90	± 0.28	1.6	± 0.7	3.50	4.9	± 1.2
MC11	2/25/2009	0.01	—	3.50	± 0.35	1.0	± 0.8	4.50	4.5	± 0.8
	5/13/2009	0.02	± 0.09	3.50	± 0.37	1.1	± 0.6	4.60	4.2	± 1.0
	8/17/2009	-0.03	—	4.60	± 0.44	2.6	± 0.9	7.20	6.0	± 0.8
	11/13/2009	0.01	± 0.06	3.80	± 0.45	2.6	± 1.1	6.40	3.4	± 0.8
	2/5/2010	0.02	± 0.09	3.90	± 0.42	1.6	± 0.8	5.50	4.3	± 0.8
	5/20/2010	0.02	± 0.06	3.30	± 0.46	2.0	± 1.2	5.30	4.1	± 1.0
	8/30/2010	0.00	± 0.10	3.80	± 0.60	3.0	± 1.4	6.80	6.0	± 0.9
	12/9/2010	0.06	± 0.09	4.30	± 0.39	1.1	± 0.6	5.40	6.6	± 1.2
	3/2/2011	0.10	± 0.10	4.50	± 0.50	1.1	± 0.7	5.60	5.0	± 0.7
	5/17/2011	0.07	± 0.09	6.20	± 0.50	1.3	± 0.7	7.50	5.6	± 1.0
	8/17/2011	0.03	± 0.08	5.80	± 0.60	1.9	± 0.8	7.70	5.2	± 0.9

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)	Alpha(e) (pCi/l)
MC11	11/11/2011	0.05	± 0.10	3.80	± 0.39	1.2	± 0.6	5.00	6.3	± 1.3
	2/8/2012	0.03	± 0.06	7.10	± 0.56	1.9	± 0.7	9.00	7.1	± 1.1
	4/30/2012	0.03	± 0.06	4.90	± 0.46	1.3	± 0.7	6.20	8.3	± 1.5
MC14	2/25/2009	0.03	—	1.20	± 0.22	1.2	± 0.8	2.40	1.1	± 0.5
	5/13/2009	0.09	± 0.10	0.55	± 0.17	0.2	± 0.5	0.75	1.2	± 0.7
	8/17/2009	0.03	—	1.70	± 0.28	0.8	± 0.8	2.50	3.1	± 0.6
	11/13/2009	0.01	± 0.08	1.30	± 0.20	2.2	± 0.6	3.50	0.9	± 0.5
	2/5/2010	0.01	± 0.06	0.52	± 0.17	1.1	± 0.7	1.62	1.1	± 0.5
	5/19/2010	0.01	± 0.05	0.65	± 0.22	0.5	± 1.0	1.15	0.7	± 0.6
	8/30/2010	0.01	± 0.10	0.23	± 0.20	1.7	± 1.2	1.93	1.8	± 0.6
	12/9/2010	0.06	± 0.10	0.45	± 0.14	0.6	± 0.6	1.05	0.6	± 0.6
	3/2/2011	0.10	± 0.10	1.70	± 0.30	0.7	± 0.7	2.40	1.6	± 0.4
	5/17/2011	0.01	± 0.08	3.00	± 0.40	0.8	± 0.7	3.80	3.2	± 0.8
	8/17/2011	0.07	± 0.08	1.30	± 0.30	0.1	± 0.8	1.40	2.5	± 0.7
	11/11/2011	0.01	± 0.08	0.67	± 0.18	1.8	± 0.6	2.47	1.3	± 0.8
	2/8/2012	0.04	± 0.07	2.90	± 0.35	0.8	± 0.6	3.70	2.4	± 0.7
	4/30/2012	0.09	± 0.10	2.20	± 0.32	0.8	± 0.7	3.00	5.0	± 1.2
NP01	2/18/2009	0.20	—	2.20	± 0.28	1.7	± 0.8	3.90	2.6	± 0.7
	5/12/2009	< 0.02	± 0.10	1.50	± 0.25	0.8	± 0.5	2.30	1.4	± 0.7
	8/17/2009	0.02	—	3.10	± 0.37	1.9	± 0.9	5.00	5.8	± 0.8
	11/13/2009	0.10	± 0.10	1.30	± 0.24	3.5	± 0.9	4.80	1.7	± 0.6
	2/3/2010	0.30	± 0.20	1.30	± 0.21	2.0	± 0.7	3.30	1.7	± 0.5
	5/19/2010	0.20	± 0.20	1.00	± 0.23	1.7	± 0.9	2.70	1.6	± 0.7
	8/26/2010	0.20	± 0.10	1.30	± 0.22	1.5	± 0.7	2.80	2.1	± 0.6
	11/19/2010	0.20	± 0.10	1.30	± 0.20	1.5	± 0.6	2.80	2.4	± 0.8
	2/24/2011	0.10	± 0.10	1.30	± 0.09	2.0	± 0.1	3.30	1.8	± 0.5
	5/16/2011	0.10	± 0.10	1.30	± 0.20	1.9	± 0.6	3.20	1.3	± 0.6
	8/16/2011	0.04	± 0.07	0.98	± 0.30	1.2	± 0.8	2.18	2.2	± 0.7
	11/16/2011	0.08	± 0.09	2.30	± 0.29	2.9	± 0.6	5.20	4.9	± 1.0
	1/17/2012	0.02	± 0.20	2.50	± 0.32	1.2	± 0.7	3.70	5.2	± 1.1
	5/2/2012	0.10	± 0.10	0.58	± 0.17	1.7	± 0.8	2.28	1.8	± 0.8
P-6	2/24/2009	0.10	—	2.00	± 0.26	1.6	± 0.8	3.60	2.9	± 0.7
	5/12/2009	0.04	± 0.10	1.90	± 0.27	1.4	± 0.5	3.30	3.0	± 0.8
	8/13/2009	0.05	± 0.10	1.50	± 0.30	1.9	± 0.8	3.40	4.6	± 0.7
	11/4/2009	0.20	± 0.20	1.90	± 0.24	2.3	± 0.7	4.20	2.1	± 0.7
	2/24/2010	0.20	± 0.10	4.00	± 0.39	2.2	± 0.7	6.20	5.7	± 0.9
	5/19/2010	0.20	± 0.20	3.40	± 0.40	2.8	± 0.1	6.20	3.3	± 0.9
	8/26/2010	0.04	± 0.10	1.30	± 0.22	1.2	± 0.7	2.50	2.1	± 0.6
	12/9/2010	0.20	± 0.10	2.60	± 0.30	2.6	± 0.6	5.20	6.5	± 1.2

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)	Alpha(e) (pCi/l)
P-6	3/2/2011	1.10	± 0.30	5.30	± 0.60	1.7	± 0.4	7.00	6.5	± 0.8
	5/17/2011	0.60	± 0.20	2.80	± 0.34	2.2	± 0.6	5.00	4.9	± 1.0
	8/17/2011	0.20	± 0.10	4.30	± 0.48	1.1	± 0.8	5.40	6.1	± 1.0
	11/11/2011	0.40	± 0.20	3.70	± 0.37	3.6	± 0.7	7.30	4.7	± 1.0
	2/8/2012	0.40	± 0.20	4.30	± 0.40	2.2	± 0.6	6.50	7.7	± 1.1
	4/30/2012	0.50	± 0.20	2.50	± 0.33	1.7	± 0.7	4.20	6.3	± 1.4
RPI-8A	2/18/2009	0.10	—	0.19	± 0.12	0.9	± 0.8	1.09	0.9	± 0.5
	5/11/2009	-0.01	± 0.10	0.56	± 0.19	1.0	± 0.7	1.56	3.2	± 0.7
	8/12/2009	0.03	± 0.10	0.53	± 0.23	0.5	± 0.9	1.03	1.8	± 0.4
	11/4/2009	0.06	± 0.09	0.70	± 0.16	0.9	± 0.7	1.60	0.7	± 0.5
	2/3/2010	0.06	± 0.09	0.36	± 0.14	1.4	± 0.8	1.76	0.5	± 0.4
	5/17/2010	0.10	± 0.10	0.53	± 0.21	1.0	± 1.1	1.53	0.8	± 0.6
	8/24/2010	0.10	± 0.10	0.42	± 0.17	1.5	± 0.8	1.92	0.7	± 0.4
	11/16/2010	-0.01	± 0.70	0.59	± 0.16	1.0	± 0.7	1.59	1.3	± 0.7
	2/25/2011	0.05	± 0.08	0.05	± 0.06	0.6	± 0.1	0.65	0.3	± 0.3
	5/5/2011	0.01	± 0.06	0.26	± 0.16	0.9	± 0.7	1.16	0.4	± 0.6
	8/11/2011	0.02	± 0.06	0.58	± 0.10	0.0	± 0.8	0.54	1.3	± 0.5
	11/9/2011	0.01	± 0.07	0.73	± 0.18	0.8	± 0.6	1.53	0.8	± 0.3
	1/10/2012	0.08	± 0.09	0.89	± 0.21	2.1	± 1.0	2.99	1.6	± 0.5
	5/1/2012	0.01	± 0.06	0.38	± 0.16	1.1	± 0.8	1.48	1.2	± 0.7
RPI-10	2/19/2009	-0.01	—	1.10	± 0.21	3.1	± 0.9	4.20	1.3	± 0.5
	5/11/2009	0.06	± 0.09	2.40	± 0.33	2.4	± 0.7	4.80	6.8	± 1.0
	8/13/2009	0.02	± 0.08	2.30	± 0.37	3.6	± 1.0	5.90	3.4	± 0.6
	11/10/2009	0.10	± 0.10	1.00	± 0.22	3.9	± 1.0	4.90	1.1	± 0.5
	2/1/2010	0.20	± 0.20	1.10	± 0.21	2.0	± 0.8	3.10	1.2	± 0.5
	5/17/2010	0.03	± 0.10	1.10	± 0.28	3.6	± 1.2	4.70	2.6	± 0.8
	8/24/2010	0.04	± 0.06	1.10	± 0.23	2.3	± 0.8	3.40	2.7	± 0.6
	11/19/2010	0.06	± 0.10	3.00	± 0.32	2.8	± 0.7	5.80	4.9	± 1.1
	2/24/2011	0.06	± 0.10	2.30	± 0.30	2.0	± 0.7	4.30	2.8	± 0.6
	5/5/2011	0.30	± 0.10	1.10	± 0.25	2.9	± 0.8	4.00	2.3	± 0.8
	8/16/2011	0.07	± 0.08	3.30	± 0.42	2.0	± 0.7	5.30	6.3	± 1.0
	11/14/2011	0.02	± 0.07	1.50	± 0.26	2.6	± 0.7	4.10	2.0	± 0.7
	1/10/2012	0.40	± 0.20	0.93	± 0.19	3.0	± 0.9	3.93	2.0	± 0.5
	5/1/2012	0.06	± 0.08	0.37	± 0.15	2.4	± 0.8	2.77	1.6	± 0.8
RPI-14	2/19/2009	0.08	—	0.87	± 0.21	1.4	± 0.8	2.27	1.3	± 0.5
	5/12/2009	0.03	± 0.10	0.44	± 0.16	0.6	± 0.6	1.04	1.0	± 0.6
	8/11/2009	0.04	± 0.10	1.50	± 0.33	2.1	± 1.0	3.60	2.7	± 0.5
	11/10/2009	0.02	± 0.06	0.41	± 0.15	1.5	± 0.8	1.91	0.0	± 0.3
	2/3/2010	0.01	± 0.10	0.37	± 0.14	1.7	± 0.7	2.07	0.6	± 0.4

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)	Alpha(e) (pCi/l)
RPI-14	5/18/2010	0.04	± 0.10	0.22	± 0.16	1.1	± 1.1	1.32	0.8	± 0.6
	8/24/2010	0.04	± 0.10	0.47	± 0.15	1.3	± 0.7	1.77	0.9	± 0.4
	12/1/2010	0.09	± 0.09	0.27	± 0.14	1.4	± 0.7	1.67	4.3	± 1.0
	2/24/2011	0.10	± 0.10	0.70	± 0.20	1.5	± 0.7	2.20	1.0	± 0.4
	5/16/2011	0.05	± 0.08	0.39	± 0.20	1.1	± 0.6	1.49	0.5	± 0.5
	8/16/2011	0.00	± 0.06	1.30	± 0.30	1.6	± 0.7	2.90	2.6	± 0.7
	11/14/2011	0.05	± 0.08	0.49	± 0.17	4.7	± 0.7	5.19	1.0	± 0.6
	1/10/2012	0.10	± 0.10	0.41	± 0.13	1.5	± 0.7	1.91	1.6	± 0.5
	5/1/2012	0.05	± 0.08	0.22	± 0.13	0.5	± 0.7	0.72	0.5	± 0.6
RPI-16A	2/18/2009	0.30	—	1.20	± 0.23	0.3	± 0.7	1.50	1.8	± 0.6
	5/11/2009	0.04	± 0.10	0.61	± 0.19	1.1	± 0.6	1.71	2.7	± 0.7
	8/14/2009	0.05	± 0.09	3.40	± 0.45	0.9	± 0.9	4.30	6.8	± 0.8
	11/10/2009	0.10	± 0.09	2.60	± 0.32	1.5	± 0.8	4.10	2.4	± 0.7
	2/1/2010	0.08	± 0.20	0.38	± 0.14	1.2	± 0.7	1.58	0.3	± 0.4
	5/18/2010	0.08	± 0.20	0.61	± 0.17	-0.2	± 0.6	0.41	0.5	± 0.5
	8/25/2010	0.02	± 0.07	0.62	± 0.18	0.8	± 0.7	1.42	0.9	± 0.4
	11/29/2010	0.04	± 0.06	0.63	± 0.19	0.7	± 0.6	1.33	2.1	± 0.8
	2/25/2011	0.30	± 0.20	0.75	± 0.20	0.7	± 0.6	1.45	1.1	± 0.4
	5/16/2011	0.07	± 0.09	1.10	± 0.20	1.4	± 0.6	2.50	0.8	± 0.6
	8/16/2011	0.01	± 0.06	0.79	± 0.20	0.4	± 0.6	1.19	2.0	± 0.6
	11/16/2011	0.05	± 0.09	1.10	± 0.22	0.6	± 0.5	1.70	2.1	± 0.7
	1/17/2012	0.04	± 0.10	0.63	± 0.18	0.4	± 0.7	1.03	2.0	± 0.7
	5/2/2012	0.02	± 0.07	0.25	± 0.13	1.1	± 0.8	1.35	0.9	± 0.7
RPI-18A	2/24/2009	0.09	—	0.58	± 0.18	0.6	± 0.8	1.18	1.0	± 0.5
	5/11/2009	0.00	± 0.10	0.40	± 0.16	1.7	± 0.6	2.10	2.0	± 0.6
	8/13/2009	0.02	± 0.07	3.90	± 0.49	0.6	± 0.9	4.50	4.6	± 0.7
	11/11/2009	-0.02	± 0.04	0.60	± 0.17	1.1	± 0.8	1.70	0.3	± 0.4
	2/8/2010	0.00	± 0.06	0.49	± 0.16	0.6	± 0.6	1.09	1.4	± 0.5
	5/18/2010	0.02	± 0.07	0.37	± 0.14	-0.1	± 0.6	0.27	1.0	± 0.6
	8/26/2010	0.10	± 0.10	0.80	± 0.19	0.8	± 0.7	1.60	1.3	± 0.5
	12/1/2010	0.07	± 0.09	0.38	± 0.15	0.7	± 0.6	1.08	3.1	± 0.9
	3/17/2011	0.30	± 0.10	1.40	± 0.20	1.9	± 0.9	3.30	5.7	± 1.0
	5/16/2011	0.04	± 0.08	0.43	± 0.20	0.5	± 0.5	0.93	0.2	± 0.5
	8/16/2011	0.06	± 0.08	0.74	± 0.20	0.0	± 0.8	0.70	1.7	± 0.6
	11/14/2011	0.03	± 0.08	4.10	± 0.40	1.2	± 0.6	5.30	4.7	± 1.0
	1/17/2012	0.10	± 0.09	1.40	± 0.25	0.9	± 0.7	2.30	1.7	± 0.7
	5/7/2012	0.03	± 0.08	0.79	± 0.21	1.0	± 0.6	1.79	3.1	± 1.1
RPI-19B	2/19/2009	0.10	—	1.10	± 0.22	0.2	± 0.8	1.30	1.9	± 0.6
	5/12/2009	0.07	± 0.10	1.40	± 0.26	0.7	± 0.6	2.10	2.3	± 0.8

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)	Alpha(e) (pCi/l)
RPI-19B	8/11/2009	0.08	± 0.10	10.00	± 0.77	1.3	± 0.9	11.30	11.8	± 1.1
	11/10/2009	0.02	± 0.07	0.38	± 0.16	1.3	± 0.8	1.68	0.3	± 0.4
	2/3/2010	-0.06	± 0.10	0.53	± 0.16	0.2	± 0.7	0.73	0.6	± 0.4
	5/18/2010	0.20	± 0.10	1.10	± 0.21	0.6	± 0.6	1.70	1.2	± 0.6
	8/25/2010	0.05	± 0.09	0.72	± 0.19	0.6	± 0.7	1.32	1.4	± 0.5
	11/29/2010	0.01	± 0.06	1.20	± 0.24	1.5	± 0.7	2.70	4.6	± 1.0
	2/24/2011	0.30	± 0.20	1.50	± 0.20	0.4	± 0.6	1.90	1.3	± 0.4
	5/16/2011	0.03	± 0.07	0.35	± 0.20	1.0	± 0.6	1.35	1.2	± 0.6
	8/16/2011	0.03	± 0.07	3.50	± 0.40	0.0	± 0.6	3.52	3.7	± 0.8
	11/16/2011	0.07	± 0.08	0.22	± 0.13	0.9	± 0.7	1.12	1.1	± 0.6
	1/10/2012	0.07	± 0.09	1.80	± 0.26	1.5	± 0.9	3.30	2.9	± 0.6
	5/2/2012	0.09	± 0.09	0.25	± 0.13	0.3	± 0.8	0.55	0.8	± 0.7
RPI-20A	2/24/2009	-0.01	—	1.00	± 0.21	0.4	± 0.7	1.40	1.0	± 0.5
	5/11/2009	0.03	± 0.10	0.83	± 0.22	1.7	± 0.7	2.53	2.6	± 0.7
	8/12/2009	-0.03	± 0.08	0.39	± 0.22	0.8	± 0.9	1.19	1.2	± 0.4
	11/4/2009	0.04	± 0.07	0.64	± 0.15	1.2	± 0.7	1.80	0.9	± 0.6
	2/1/2010	0.02	± 0.07	0.69	± 0.18	0.9	± 0.7	1.59	1.1	± 0.5
	5/17/2010	0.06	± 0.10	0.75	± 0.19	0.4	± 0.7	1.15	1.1	± 0.6
	8/24/2010	0.07	± 0.08	0.70	± 0.18	1.2	± 0.7	1.90	1.0	± 0.4
	11/16/2010	0.00	± 0.05	0.71	± 0.16	1.1	± 0.7	1.81	1.3	± 0.7
	2/24/2011	0.05	± 0.07	0.86	± 0.20	1.4	± 0.7	2.26	0.4	± 0.3
	5/5/2011	0.02	± 0.07	0.28	± 0.17	2.1	± 0.8	2.38	0.9	± 0.6
	8/11/2011	0.07	± 0.09	5.60	± 0.40	1.4	± 0.7	7.00	4.9	± 0.9
	11/9/2011	0.05	± 0.10	1.40	± 0.23	2.0	± 0.7	3.40	1.2	± 0.4
	1/10/2012	0.03	± 0.07	0.60	± 0.15	2.1	± 0.8	2.70	2.1	± 0.5
	5/2/2012	0.02	± 0.08	0.32	± 0.14	1.8	± 0.8	2.12	2.6	± 0.9
RPI-21B	2/18/2009	0.10	—	1.50	± 0.26	1.6	± 0.8	3.10	1.3	± 0.5
	5/11/2009	0.01	± 0.08	1.10	± 0.24	1.7	± 0.7	2.80	3.6	± 0.7
	8/12/2009	0.01	± 0.10	1.20	± 0.31	2.4	± 1.0	3.60	2.1	± 0.5
	11/4/2009	0.05	± 0.06	2.00	± 0.34	2.6	± 1.1	4.60	1.8	± 0.7
	2/1/2010	0.02	± 0.08	1.30	± 0.24	1.7	± 0.8	3.00	1.6	± 0.5
	5/17/2010	0.00	± 0.07	1.80	± 0.31	1.8	± 0.9	3.60	1.9	± 0.7
	8/24/2010	0.09	± 0.10	1.00	± 0.21	2.2	± 0.8	3.20	2.6	± 0.6
	11/16/2010	0.05	± 0.32	2.70	± 0.31	2.5	± 0.8	5.20	3.2	± 0.9
	2/25/2011	0.04	± 0.08	1.10	± 0.20	2.4	± 0.7	3.50	1.5	± 0.4
	5/5/2011	-0.01	± 0.05	1.40	± 0.29	3.9	± 0.9	5.30	1.5	± 0.7
	8/11/2011	0.06	± 0.10	1.20	± 0.20	1.4	± 0.9	2.60	1.4	± 0.6
	11/9/2011	0.06	± 0.08	7.10	± 0.51	3.1	± 0.8	10.20	6.8	± 0.8
	1/10/2012	1.90	± 0.50	1.20	± 0.19	2.2	± 0.7	3.40	2.9	± 0.6

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)	Alpha(e) (pCi/l)
RPI-21B	5/1/2012	0.02	± 0.07	1.20	± 0.24	2.4	± 0.8	3.60	3.3	± 1.0

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	2/25/2009	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	3.2
	5/13/2009	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.3
	8/17/2009	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.5
	11/13/2009	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.1
	2/5/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.1
	5/20/2010	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.6
	8/30/2010	0.001	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.1
	12/9/2010	0.002	0.3	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.4
	3/2/2011	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.4
	5/17/2011	0.002	0.2	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.9
	8/17/2011	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.0
	11/11/2011	0.005	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.3
	2/8/2012	0.002	0.1	< 0.001	< 0.001	< 0.01	0.006	< 0.01	< 0.001	2.1
	4/30/2012	0.002	0.1	< 0.001	< 0.001	< 0.01	0.004	< 0.01	< 0.001	1.4
MC10	2/25/2009	0.005	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.8
	5/13/2009	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.7
	8/17/2009	0.002	0.2	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.7
	11/13/2009	0.003	0.2	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.9
	2/5/2010	0.003	0.2	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.8
	5/20/2010	0.002	0.3	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.8
	8/30/2010	0.001	0.5	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.8
	12/9/2010	0.003	0.2	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.5
	3/2/2011	0.002	0.4	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.8
	5/17/2011	< 0.001	0.7	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.9
	8/17/2011	0.001	0.4	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.5
	11/11/2011	0.001	0.5	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.7
	2/8/2012	< 0.001	0.4	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	2.2
	4/30/2012	0.001	0.4	< 0.001	< 0.001	< 0.01	0.004	< 0.01	< 0.001	2.4
MC11	2/25/2009	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	5/13/2009	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	8/17/2009	0.002	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	11/13/2009	0.002	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	2/5/2010	0.002	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/20/2010	0.002	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	8/30/2010	0.002	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	12/9/2010	0.001	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.1
	3/2/2011	0.002	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/17/2011	0.001	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	8/17/2011	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1

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	11/11/2011	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	2/8/2012	0.001	0.1	< 0.001	0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	4/30/2012	0.002	0.1	< 0.001	< 0.001	< 0.01	0.005	< 0.01	< 0.001	< 0.1
MC14	2/25/2009	0.004	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	5/13/2009	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	8/17/2009	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	11/13/2009	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.2
	2/5/2010	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/19/2010	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	8/30/2010	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	12/9/2010	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.1
	3/2/2011	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.1
	5/17/2011	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	8/17/2011	0.005	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	11/11/2011	0.003	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	2/8/2012	0.002	0.1	< 0.001	0.004	< 0.01	< 0.001	< 0.01	< 0.001	0.2
	4/30/2012	0.002	0.1	< 0.001	0.002	< 0.01	0.008	< 0.01	< 0.001	0.2
NP01	2/18/2009	0.003	0.2	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.3
	5/12/2009	0.003	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.7
	8/17/2009	0.005	0.2	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	4.4
	11/13/2009	0.003	0.2	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	6.5
	2/3/2010	0.003	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	6.3
	5/19/2010	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	7.1
	8/26/2010	0.003	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	7.9
	11/19/2010	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	9.2
	2/24/2011	0.003	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	9.5
	5/16/2011	0.003	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	8.0
	8/16/2011	0.003	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	13.0
	11/16/2011	0.005	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	11.4
	1/17/2012	0.003	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	10.8
	5/2/2012	0.003	0.1	< 0.001	< 0.001	< 0.01	0.002	0.01	< 0.001	11.1
P-6	2/24/2009	0.005	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.2
	5/12/2009	0.007	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.8
	8/13/2009	0.006	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.3
	11/4/2009	0.007	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.7
	2/24/2010	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	3.2
	5/19/2010	0.005	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.7
	8/26/2010	0.006	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.8
	12/9/2010	0.003	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.4

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	3/2/2011	0.007	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	3.8
	5/17/2011	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.5
	8/17/2011	0.008	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	0.001	2.5
	11/11/2011	0.006	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	5.5
	2/8/2012	0.004	0.1	< 0.001	0.002	< 0.01	< 0.001	0.01	< 0.001	6.0
	4/30/2012	0.008	0.1	< 0.001	0.002	0.01	0.003	0.06	0.001	5.4
RPI-8A	2/18/2009	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.4
	5/11/2009	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.6
	8/12/2009	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.8
	11/4/2009	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.7
	2/3/2010	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.9
	5/17/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.9
	8/24/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.5
	11/16/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.7
	2/25/2011	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.6
	5/5/2011	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.9
	8/11/2011	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.1
	11/9/2011	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.8
	1/10/2012	0.002	< 0.1	< 0.001	< 0.001	< 0.01	0.005	< 0.01	< 0.001	1.9
	5/1/2012	0.002	0.1	< 0.001	< 0.001	< 0.01	0.002	< 0.01	< 0.001	1.9
RPI-10	2/19/2009	0.001	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.5
	5/11/2009	0.001	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.5
	8/13/2009	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.9
	11/10/2009	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.7
	2/1/2010	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.7
	5/17/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.5
	8/24/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.5
	11/19/2010	0.005	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.4
	2/24/2011	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.6
	5/5/2011	0.001	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.5
	8/16/2011	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.4
	11/14/2011	0.001	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.0
	1/10/2012	0.005	< 0.1	< 0.001	< 0.001	< 0.01	< 0.001	0.02	< 0.001	2.7
	5/1/2012	0.003	< 0.1	< 0.001	< 0.001	< 0.01	< 0.001	0.02	< 0.001	2.3
RPI-14	2/19/2009	0.001	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.4
	5/12/2009	0.001	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.4
	8/11/2009	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.4
	11/10/2009	0.001	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.4
	2/3/2010	< 0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.3

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	5/18/2010	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.4
	8/24/2010	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.3
	12/1/2010	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.4
	2/24/2011	< 0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.4
	5/16/2011	0.001	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.3
	8/16/2011	0.003	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.7
	11/14/2011	0.001	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.8
	1/10/2012	0.002	0.1	< 0.001	< 0.001	< 0.01	0.002	0.01	< 0.001	2.6
	5/1/2012	0.001	< 0.1	< 0.001	< 0.001	< 0.01	0.001	0.01	< 0.001	1.5
RPI-16A	2/18/2009	0.004	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.1
	5/11/2009	0.003	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.3
	8/14/2009	0.011	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	4.7
	11/10/2009	0.008	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	4.4
	2/1/2010	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	4.3
	5/18/2010	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	4.4
	8/25/2010	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	4.5
	11/29/2010	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	4.7
	2/25/2011	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	4.7
	5/16/2011	0.004	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.3
	8/16/2011	0.004	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	5.1
	11/16/2011	0.003	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.9
	1/17/2012	0.004	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.9
	5/2/2012	0.004	< 0.1	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	5.3
RPI-18A	2/24/2009	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	5/11/2009	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	8/13/2009	0.010	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.1
	11/11/2009	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	2/8/2010	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/18/2010	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	8/26/2010	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	12/1/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.1
	3/17/2011	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/16/2011	0.005	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	8/16/2011	0.006	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	11/14/2011	0.008	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	1/17/2012	0.006	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	5/7/2012	0.001	< 0.1	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
RPI-19B	2/19/2009	0.001	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.5
	5/12/2009	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1

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	8/11/2009	0.010	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.1
	11/10/2009	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.1
	2/3/2010	0.001	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.2
	5/18/2010	0.002	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	8/25/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	11/29/2010	0.004	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.2
	2/24/2011	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.3
	5/16/2011	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	8/16/2011	0.008	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	11/16/2011	0.001	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	1/10/2012	0.006	0.1	< 0.001	< 0.001	< 0.01	0.003	0.01	< 0.001	0.2
	5/2/2012	0.001	0.1	< 0.001	< 0.001	< 0.01	0.001	0.02	< 0.001	< 0.1
RPI-20A	2/24/2009	0.013	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	5/11/2009	0.010	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	8/12/2009	0.015	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.1
	11/4/2009	0.013	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	2/1/2010	0.011	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/17/2010	0.009	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	8/24/2010	0.014	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	11/16/2010	0.013	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	2/24/2011	0.009	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/5/2011	0.009	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	8/11/2011	0.014	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	11/9/2011	0.007	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	1/10/2012	0.027	0.4	< 0.001	0.002	< 0.01	0.005	0.07	< 0.001	< 0.1
	5/2/2012	0.006	0.1	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
RPI-21B	2/18/2009	0.003	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	0.001	0.8
	5/11/2009	0.003	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.2
	8/12/2009	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.4
	11/4/2009	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.9
	2/1/2010	0.003	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.5
	5/17/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.7
	8/24/2010	0.002	< 0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.4
	11/16/2010	0.005	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.5
	2/25/2011	0.002	0.1	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.7
	5/5/2011	0.002	0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.1
	8/11/2011	0.002	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	7.5
	11/9/2011	0.009	< 0.1	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	3.0
	1/10/2012	0.002	0.1	< 0.001	< 0.001	< 0.01	0.004	0.01	< 0.001	2.6

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-21B	5/1/2012	0.002	0.1	< 0.001	< 0.001	< 0.01	0.003	0.01	< 0.001	3.4

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	2/27/2009	7.24	400	300	24	9.0	0.0216	< 0.001	0.5
	5/7/2009	7.84	506	302	41	22.0	0.0354	0.001	< 0.1
	8/11/2009	7.92	300	201	13	4.0	0.0180	< 0.001	0.0
	11/3/2009	6.99	378	235	21	10.0	0.0200	< 0.001	0.2
	2/11/2010	6.94	387	226	18	8.0	0.0210	< 0.001	0.4
	5/10/2010	7.54	468	313	38	22.0	0.0397	< 0.001	< 0.1
	8/19/2010	7.41	277	188	13	4.0	0.0176	< 0.001	< 0.1
	11/11/2010	7.67	365	252	17	7.0	0.0230	< 0.001	0.3
	2/25/2011	7.27	383	249	22	13.0	0.0438	0.002	0.5
	5/4/2011	7.78	468	368	60	27.0	0.0646	0.001	< 0.1
	8/11/2011	7.53	294	215	17	6.0	0.0197	< 0.001	0.1
	11/8/2011	7.41	371	278	33	17.0	0.0258	0.001	0.4
	1/25/2012	7.31	338	234	25	12.0	0.0236	< 0.001	0.5
	4/27/2012	7.69	384	335	47	22.0	0.0289	< 0.001	0.2
SC1	2/26/2009	7.20	372	253	24	9.0	0.0217	0.001	0.5
	5/7/2009	8.06	490	281	38	21.0	0.0330	0.002	< 0.1
	8/11/2009	8.12	314	205	12	4.0	0.0174	< 0.001	0.0
	11/3/2009	7.26	387	228	21	8.0	0.0197	< 0.001	0.2
	2/9/2010	6.88	215	226	18	8.0	0.0226	< 0.001	0.4
	5/10/2010	7.61	463	316	35	21.0	0.0376	< 0.001	< 0.1
	8/19/2010	7.72	283	201	13	4.0	0.0187	< 0.001	< 0.1
	11/15/2010	7.51	325	248	15	7.0	0.0216	< 0.001	0.4
	3/17/2011	7.61	390	214	26	20.0	0.0266	< 0.001	0.6
	5/4/2011	7.89	509	356	64	27.0	0.0611	0.001	< 0.1
	8/11/2011	7.59	186	230	16	5.0	0.0208	< 0.001	0.2
	11/8/2011	7.44	349	258	26	15.0	0.0231	0.001	0.5
	1/25/2012	7.32	343	207	25	12.0	0.0348	0.001	0.6
	4/27/2012	7.77	381	337	45	21.0	0.0272	< 0.001	0.2
SC2	2/26/2009	6.82	195	207	26	2.0	0.0111	< 0.001	0.5
	5/7/2009	8.04	479	279	38	20.0	0.0325	0.001	< 0.1
	8/11/2009	8.02	309	203	11	4.0	0.0171	< 0.001	0.0
	11/3/2009	7.21	383	215	19	9.0	0.0202	< 0.001	< 0.1
	2/9/2010	6.90	297	221	17	8.0	0.0208	< 0.001	0.5
	5/10/2010	7.59	453	307	33	21.0	0.0349	< 0.001	< 0.1
	8/19/2010	7.63	283	193	12	4.0	0.0182	< 0.001	< 0.1
	11/15/2010	7.52	344	243	15	7.0	0.0218	< 0.001	0.4
	3/17/2011	7.41	469	201	23	17.0	0.0224	0.002	0.6
	5/4/2011	7.48	476	355	61	27.0	0.0594	0.001	< 0.1
	8/11/2011	7.60	198	226	15	5.0	0.0193	< 0.001	0.2

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

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)
SC2	11/8/2011	7.45	350	261	27	15.0	0.0285	0.001	0.5
	1/25/2012	7.36	320	254	22	11.0	0.0245	0.001	0.5
	4/27/2012	7.81	380	322	42	21.0	0.0271	< 0.001	0.2
SW-1A	2/26/2009	7.66	302	268	16	1.0	0.0204	0.001	0.6
	5/7/2009	8.19	386	228	29	7.0	0.0448	0.002	0.3
	8/11/2009	7.80	324	203	10	2.0	0.0175	< 0.001	0.3
	11/3/2009	7.08	323	194	13	2.0	0.0163	< 0.001	0.2
	2/10/2010	7.03	319	194	12	2.0	0.0179	< 0.001	0.5
	5/10/2010	7.03	372	245	27	7.0	0.0321	< 0.001	0.4
	8/19/2010	7.54	284	208	12	2.0	0.0178	< 0.001	0.2
	11/11/2010	7.67	344	212	11	2.0	0.0190	< 0.001	0.6
	5/3/2011	7.82	437	317	60	16.0	0.0608	0.002	0.3
	8/9/2011	7.71	154	204	12	2.0	0.0170	< 0.001	0.4
	11/8/2011	7.66	178	213	20	2.0	0.0192	0.001	0.5
	2/8/2012	7.49	171	202	13	2.0	0.0216	< 0.001	0.6
	4/27/2012	7.78	316	289	33	10.0	0.0254	< 0.001	0.4
WEIR 2	2/27/2009	7.41	397	308	21	9.0	0.0206	< 0.001	0.5
	5/7/2009	7.97	464	261	32	19.0	0.0295	0.002	< 0.1
	8/11/2009	7.82	326	211	11	4.0	0.0179	< 0.001	0.0
	11/3/2009	7.23	385	246	18	7.0	0.0190	< 0.001	< 0.1
	2/11/2010	6.91	395	224	18	8.0	0.0208	< 0.001	0.4
	5/10/2010	7.56	423	306	26	18.0	0.0298	< 0.001	0.1
	8/19/2010	7.56	290	204	12	4.0	0.0176	< 0.001	< 0.1
	11/11/2010	7.69	348	233	14	7.0	0.0216	0.001	0.3
	5/3/2011	7.56	290	338	60	27.0	0.0526	0.002	0.5
	8/9/2011	7.56	423	227	14	5.0	0.0189	< 0.001	0.2
	11/8/2011	7.44	327	239	28	10.0	0.0234	0.001	0.4
	1/25/2012	7.42	305	213	20	9.0	0.0222	< 0.001	0.5
	4/27/2012	7.80	372	319	42	16.0	0.0283	0.001	0.4

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	2/27/2009	0.10	—	0.61	± 0.16	1.1	± 0.8	1.71	0.9	± 0.5
	5/7/2009	-0.01	± 0.08	0.82	± 0.22	0.5	± 0.7	1.32	1.0	± 0.5
	8/11/2009	0.10	± 0.20	0.55	± 0.20	0.3	± 1.1	0.85	1.2	± 0.4
	11/3/2009	-0.01	± 0.10	0.52	± 0.15	0.3	± 0.7	0.80	0.3	± 0.5
	2/11/2010	0.01	± 0.06	0.17	± 0.11	0.3	± 0.6	0.47	0.5	± 0.4
	5/10/2010	0.00	± 0.04	0.56	± 0.22	0.6	± 0.7	1.16	0.9	± 0.4
	8/19/2010	0.03	± 0.07	0.29	± 0.10	0.5	± 0.7	0.79	0.5	± 0.4
	11/11/2010	0.03	± 0.07	0.55	± 0.20	0.3	± 0.6	0.85	0.2	± 0.5
	2/25/2011	0.06	± 0.08	0.55	± 0.20	0.6	± 0.8	1.15	0.7	± 0.3
	5/4/2011	0.03	± 0.08	0.10	± 0.10	-0.3	± 0.6	-0.20	0.8	± 0.6
	8/11/2011	0.01	± 0.09	0.55	± 0.10	-0.5	± 0.7	0.05	0.9	± 0.5
	11/8/2011	0.04	± 0.08	4.80	± 0.41	1.4	± 0.7	6.20	5.3	± 0.7
	1/25/2012	0.05	± 0.07	0.52	± 0.17	0.2	± 0.7	0.72	0.7	± 0.6
	4/27/2012	0.06	± 0.08	0.31	± 0.14	0.7	± 0.6	1.01	0.4	± 0.2
SC1	2/26/2009	0.10	—	0.43	± 0.15	0.4	± 0.8	0.83	0.6	± 0.4
	5/7/2009	0.00	± 0.06	0.61	± 0.19	0.6	± 0.6	1.21	1.1	± 0.5
	8/11/2009	0.10	± 0.10	0.59	± 0.19	1.0	± 1.0	1.59	0.8	± 0.3
	11/3/2009	0.00	± 0.09	0.42	± 0.14	0.6	± 0.7	1.00	0.6	± 0.5
	2/9/2010	-0.01	± 0.07	0.39	± 0.16	1.1	± 0.7	1.49	0.9	± 0.4
	5/10/2010	0.05	± 0.08	0.36	± 0.19	0.5	± 0.7	0.86	1.2	± 0.5
	8/19/2010	0.02	± 0.08	0.31	± 0.20	0.5	± 0.7	0.81	0.4	± 0.4
	11/15/2010	0.04	± 0.08	0.41	± 0.10	0.6	± 0.7	1.01	1.4	± 0.7
	3/17/2011	0.09	± 0.09	0.72	± 0.20	0.8	± 0.8	1.52	1.3	± 0.5
	5/4/2011	0.05	± 0.09	0.13	± 0.10	0.1	± 0.5	0.23	0.2	± 0.5
	8/11/2011	-0.01	± 0.10	0.86	± 0.20	0.1	± 0.6	0.96	0.6	± 0.5
	11/8/2011	0.06	± 0.10	0.62	± 0.17	0.9	± 0.6	1.52	0.7	± 0.3
	1/25/2012	0.02	± 0.05	0.11	± 0.12	0.5	± 0.8	0.61	0.8	± 0.6
	4/27/2012	0.08	± 0.09	0.35	± 0.15	0.5	± 0.6	0.85	0.0	± 0.1
SC2	2/26/2009	0.20	—	0.40	± 0.14	0.4	± 0.7	0.80	0.4	± 0.4
	5/7/2009	0.03	± 0.06	0.72	± 0.20	0.5	± 0.6	1.22	1.4	± 0.5
	8/11/2009	0.00	± 0.20	2.60	± 0.34	0.6	± 0.9	3.20	3.8	± 0.6
	11/3/2009	0.05	± 0.09	0.91	± 0.20	0.3	± 0.8	1.20	1.1	± 0.6
	2/9/2010	0.03	± 0.08	0.15	± 0.13	0.4	± 0.7	0.55	0.8	± 0.4
	5/10/2010	0.01	± 0.05	0.16	± 0.16	0.4	± 0.7	0.56	1.2	± 0.5
	8/19/2010	0.03	± 0.08	0.34	± 0.20	0.7	± 0.7	1.04	0.7	± 0.4
	11/15/2010	0.03	± 0.07	1.40	± 0.20	0.3	± 0.7	1.70	2.2	± 0.8
	3/17/2011	0.04	± 0.09	0.61	± 0.10	0.7	± 0.8	1.31	1.7	± 0.6
	5/4/2011	-0.01	± 0.06	0.21	± 0.20	0.5	± 0.7	0.71	0.7	± 0.6
	8/11/2011	0.06	± 0.10	1.00	± 0.20	0.8	± 0.7	1.80	0.9	± 0.5

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)
SC2	11/8/2011	0.04	± 0.08	0.72	± 0.18	0.9	± 0.6	1.62	1.1	± 0.4
	1/25/2012	0.06	± 0.08	0.50	± 0.17	0.7	± 0.7	1.20	2.4	± 0.8
	4/27/2012	0.00	± 0.05	0.19	± 0.12	0.3	± 0.7	0.49	0.3	± 0.2
SW-1A	2/26/2009	0.05	—	0.43	± 0.14	1.5	± 0.8	1.93	0.5	± 0.4
	5/7/2009	-0.02	± 0.09	0.97	± 0.23	0.7	± 0.7	1.67	1.5	± 0.6
	8/11/2009	0.00	± 0.06	0.90	± 0.22	1.1	± 1.0	2.00	1.6	± 0.4
	11/3/2009	0.05	± 0.08	0.47	± 0.14	0.6	± 0.8	1.10	0.4	± 0.5
	2/10/2010	0.00	± 0.08	0.10	± 0.11	0.9	± 0.7	1.00	0.3	± 0.4
	5/10/2010	0.00	± 0.07	0.29	± 0.19	0.2	± 0.8	0.49	0.6	± 0.4
	8/19/2010	-0.02	± 0.07	0.65	± 0.20	0.9	± 0.7	1.55	0.5	± 0.4
	11/11/2010	0.04	± 0.07	1.50	± 0.30	0.9	± 0.7	2.40	2.3	± 0.8
	5/3/2011	0.04	± 0.08	0.20	± 0.10	0.1	± 0.6	0.29	1.0	± 0.7
	8/9/2011	0.09	± 0.10	-0.08	± 0.10	2.6	± 0.8	2.52	0.2	± 0.4
	11/8/2011	0.07	± 0.10	0.22	± 0.13	0.7	± 0.6	0.92	0.4	± 0.3
	2/8/2012	0.05	± 0.08	0.32	± 0.13	0.5	± 0.6	0.82	-0.4	± 0.3
	4/27/2012	0.05	± 0.09	0.36	± 0.15	0.5	± 0.6	0.86	0.3	± 0.2
WEIR 2	2/27/2009	0.08	—	0.41	± 0.14	0.9	± 0.8	1.31	0.9	± 0.5
	5/7/2009	0.03	± 0.10	0.90	± 0.21	0.7	± 0.6	1.60	1.9	± 0.6
	8/11/2009	0.10	± 0.10	0.97	± 0.22	-0.3	± 0.9	0.67	2.2	± 0.5
	11/3/2009	0.01	± 0.05	0.48	± 0.14	0.4	± 0.7	0.90	0.5	± 0.5
	2/11/2010	-0.01	± 0.07	0.19	± 0.12	0.6	± 0.7	0.79	0.3	± 0.3
	5/10/2010	-0.01	± 0.05	0.28	± 0.18	0.3	± 0.7	0.58	0.6	± 0.5
	8/19/2010	0.00	± 0.09	0.45	± 0.17	0.6	± 0.7	1.05	0.4	± 0.4
	11/11/2010	-0.02	—	0.50	± 0.16	0.5	± 0.7	1.00	0.6	± 0.6
	5/3/2011	0.10	± 0.10	0.19	± 0.10	-0.1	± 0.6	0.11	0.9	± 0.1
	8/9/2011	0.01	± 0.10	3.40	± 0.30	0.5	± 0.7	3.90	2.8	± 0.1
	11/8/2011	0.02	± 0.09	0.34	± 0.14	1.1	± 0.6	1.40	0.3	± 0.3
	1/25/2012	0.06	± 0.08	0.32	± 0.15	0.7	± 0.7	1.02	0.6	± 0.6
	4/27/2012	0.04	± 0.08	0.19	± 0.12	0.6	± 0.6	0.79	0.1	± 0.1

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	2/27/2009	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	5/7/2009	0.006	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/11/2009	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/3/2009	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	2/11/2010	0.006	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	5/10/2010	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	8/19/2010	0.006	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/11/2010	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	2/25/2011	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/4/2011	0.005	0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/11/2011	0.006	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	11/8/2011	0.020	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	1/25/2012	0.006	0.10	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	4/27/2012	0.004	0.10	< 0.001	< 0.001	< 0.005	0.002	< 0.001	< 0.005
SC1	2/26/2009	0.005	0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	5/7/2009	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/11/2009	0.006	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/3/2009	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	2/9/2010	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/10/2010	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	8/19/2010	0.006	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/15/2010	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/17/2011	0.008	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/4/2011	0.005	0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/11/2011	0.008	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	11/8/2011	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	1/25/2012	0.005	0.09	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	4/27/2012	0.005	0.10	< 0.001	< 0.001	< 0.005	0.004	< 0.001	< 0.005
SC2	2/26/2009	0.001	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	5/7/2009	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/11/2009	0.016	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/3/2009	0.007	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	2/9/2010	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/10/2010	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	8/19/2010	0.006	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/15/2010	0.007	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	3/17/2011	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/4/2011	0.005	0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/11/2011	0.007	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 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)
SC2	11/8/2011	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	1/25/2012	0.011	0.08	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	4/27/2012	0.005	0.10	< 0.001	< 0.001	< 0.005	0.003	< 0.001	< 0.005
SW-1A	2/26/2009	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	5/7/2009	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/11/2009	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/3/2009	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	2/10/2010	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	5/10/2010	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	8/19/2010	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/11/2010	0.007	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/3/2011	0.004	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/9/2011	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	11/8/2011	0.006	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	2/8/2012	0.005	0.08	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	4/27/2012	0.004	0.08	< 0.001	< 0.001	< 0.005	0.007	< 0.001	< 0.005
WEIR 2	2/27/2009	0.005	0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	5/7/2009	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/11/2009	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/3/2009	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	2/11/2010	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	5/10/2010	0.005	0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	8/19/2010	0.005	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	11/11/2010	0.004	< 0.10	< 0.010	< 0.010	< 0.050	< 0.100	< 0.050	< 0.050
	5/3/2011	0.006	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	8/9/2011	0.013	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	11/8/2011	0.005	< 0.10	< 0.010	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
	1/25/2012	0.005	0.08	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	4/27/2012	0.005	0.10	< 0.001	< 0.001	< 0.005	0.005	< 0.001	< 0.005