

**COLORADO OFFICE**

10758 W. CENTENNIAL RD., STE. 200  
LITTLETON, CO 80127  
TEL: (866) 981-4588  
FAX: (720) 981-5643



**PATHFINDER**

**WYOMING OFFICE**

5880 ENTERPRISE DR., STE. 200  
CASPER, WY 82609  
TEL: (307) 265-2373  
FAX: (307) 265-2801

August 25, 2014

Deputy Director, Decommissioning and Uranium Recovery Licensing Directorate  
Division of Waste Management and Environmental Protection  
Office of Federal and State Materials and Environmental Management Programs  
Mailstop T8-F5  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**Re: Docket No. 40-6622, License No. SUA-442  
January – June 2014 Semi-Annual Groundwater Monitoring Report**

Dear Mr. Carter,

Please find behind this cover the Semi-Annual Ground-Water Monitoring Report for the Shirley Basin Mine.

If you have any questions please feel free to call me at our Casper office.

Regards,

A handwritten signature in dark ink, appearing to read 'J. Carter', is written over a horizontal line. Below the line, the word 'President' is printed.

President

CC: Mr. Ted Carter U.S. NRC Project Manager, via email  
Mrs. Theresa Horne, Ur-Energy

*Pathfinder Mines Corporation is a wholly-owned subsidiary of Ur-Energy Inc.*

TSX: URE | NYSE MKT: URG  
[www.ur-energy.com](http://www.ur-energy.com)



SEMI-ANNUAL  
GROUND-WATER MONITORING  
FOR SHIRLEY BASIN MINE


PREPARED FOR:

PATHFINDER MINES CORPORATION  
SHIRLEY BASIN MINE

BY:

HYDRO-ENGINEERING, L.L.C.

August, 2014

  
GEROGE L. HOFFMAN, P.E.  
HYDROLOGIST

8/19/2014

  
BRANDON WEAVER

## 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 2014.....	4
2 WATER-LEVEL ELEVATION VERSUS TIME FOR WELLS MC-14, NP01, RPI-14, RPI-18A AND RPI-19B .....	5
3 MID 2014 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 LATE 2014 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 2014 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 2014 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 2014 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 2014 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 2014 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><b>Page Number</b></u>
24 CHLORIDE, SULFATE, TDS AND URANIUM CONCENTRATION VERSUS TIME FOR WELL P-6.....	27

**TABLES**

	<u><b>Page Number</b></u>
1 GROUND-WATER PROTECTION STANDARDS AND ARPIL 2014 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 2014 for Pathfinder Mines Corporation's Shirley Basin mill and tailings facility. This report is the eighteenth in the series of semi-annual reports required by NRC License SUA-442, License Condition 47.C.

TABLE 1. GROUND-WATER PROTECTION STANDARDS AND APRIL 2014 WATER-QUALITY DATA FOR POINT-OF-COMPLIANCE WELLS NP01 AND RPI-19B.				
	POC WELL NP01	WELL NP01 APRIL 2014	POC WELL RPI-19B	WELL RPI-19B APRIL 2014
CONSTITUENT	SITE STANDARD	SAMPLE RESULTS	SITE STANDARD	SAMPLE RESULTS
ARSENIC	0.05	0.002	0.05	0.002
BARIUM	1.00	0.05	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	0.7	15	8.7
LEAD	0.05	<0.001	0.05	<0.001
MOLYBDENUM	0.10	0.00	0.10	0.002
NICKEL	0.05	<0.01	0.05	0.02
RA-226 + RA-228	12.70	2.30	13.76	2.10
SELENIUM	0.158	0.006	0.163	0.006
THORIUM-230	5.53	0.04	5.76	0.10
URANIUM	4.40	0.38	4.45	1.920
CHLORIDE	3275	574	3712	1240
TDS	11529	1800	12641	4620
SULFATE	4612	278	5056	1140

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

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 of 2014 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.

Constituent 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 2011 through mid 2014 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 2013 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 late 2014 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 in these two wells. There were also increasing trends in concentration at wells RPI-10 and RPI-21B with chloride concentrations also becoming fairly steady in these two wells. 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 a decline in the April 2014 sample. Chloride concentration in POC well RPI-19B has been somewhat erratic, which is also attributed to seasonal recharge. There had 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 2014 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 similar to the variability in values for the two downgradient surface sites.

Figure 9 presents the mid 2014 selenium concentrations for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Selenium concentrations were slightly less in well MC-10 during the 2013-2014 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 2014 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 showed a decline in concentrations since 2010. Sulfate concentrations in wells NP01 and RPI-14 had shown an increasing trend from 2007 through early 2011, but recent concentrations have overall steadied until the April 2014 sample where well NP01 showed a decline. Sulfate concentrations in well RPI-19B from 2009 through mid 2014 are somewhat erratic and likely reflect seasonal recharge. 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.

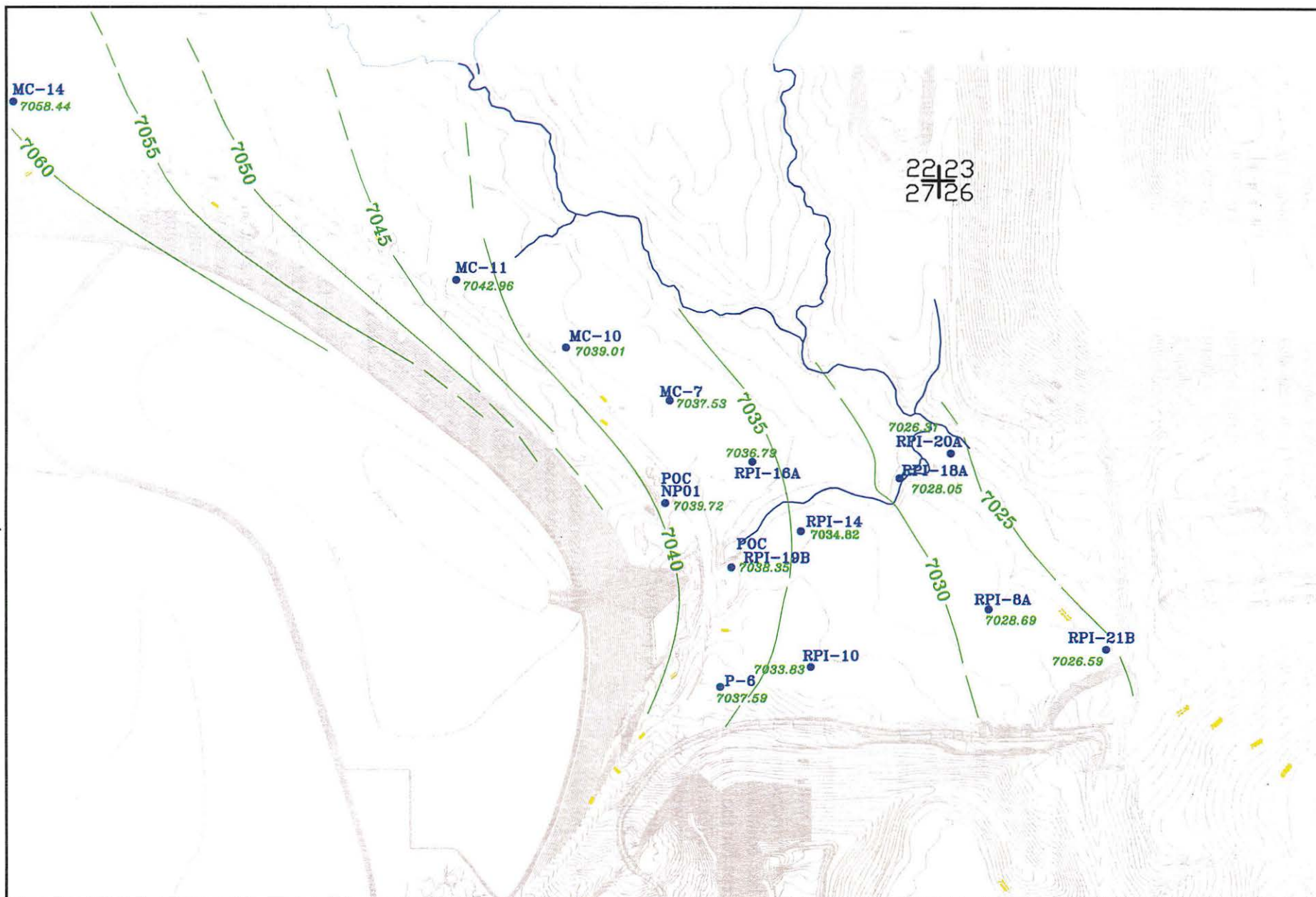
Figure 15 presents the mid 2014 thorium-230 activities for the Surficial aquifer and in Spring Creek at the surface water sampling sites. Thorium-230 activities in ground-water samples and surface-water samples are near or below the typical detection level. Figure 16 presents the plots of thorium-230 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 2014 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-14 has continued, but recent concentrations in wells NP01 and RPI-18A have gradually stabilized except for the April 2014 sample in well NP01 that showed a decline in TDS concentration. 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 2014 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. The most recent NP01 in April 2014 showed a dramatic decline in uranium concentration. Wells RPI-14 and RPI-18A show declines in concentrations starting in 2011 but have since shown an overall increase in concentrations. 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 concentrations at well P-6 increased dramatically through early 2006, but overall have been steady since 2008. Uranium concentrations also increased dramatically at well P-6 through mid 2006, but have been variable 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 T28N R78W

FIGURE 1. LOCATIONS OF  
MONITORING WELLS AND PIEZOMETRIC  
CONTOURS FOR MID 2014

DRAWN BY: BMV	DATE: 8-2014	Approx. Scale: 1"=700'
Seniannual-8-2014.dwg	HYDRO-ENGINEERING LLC.	

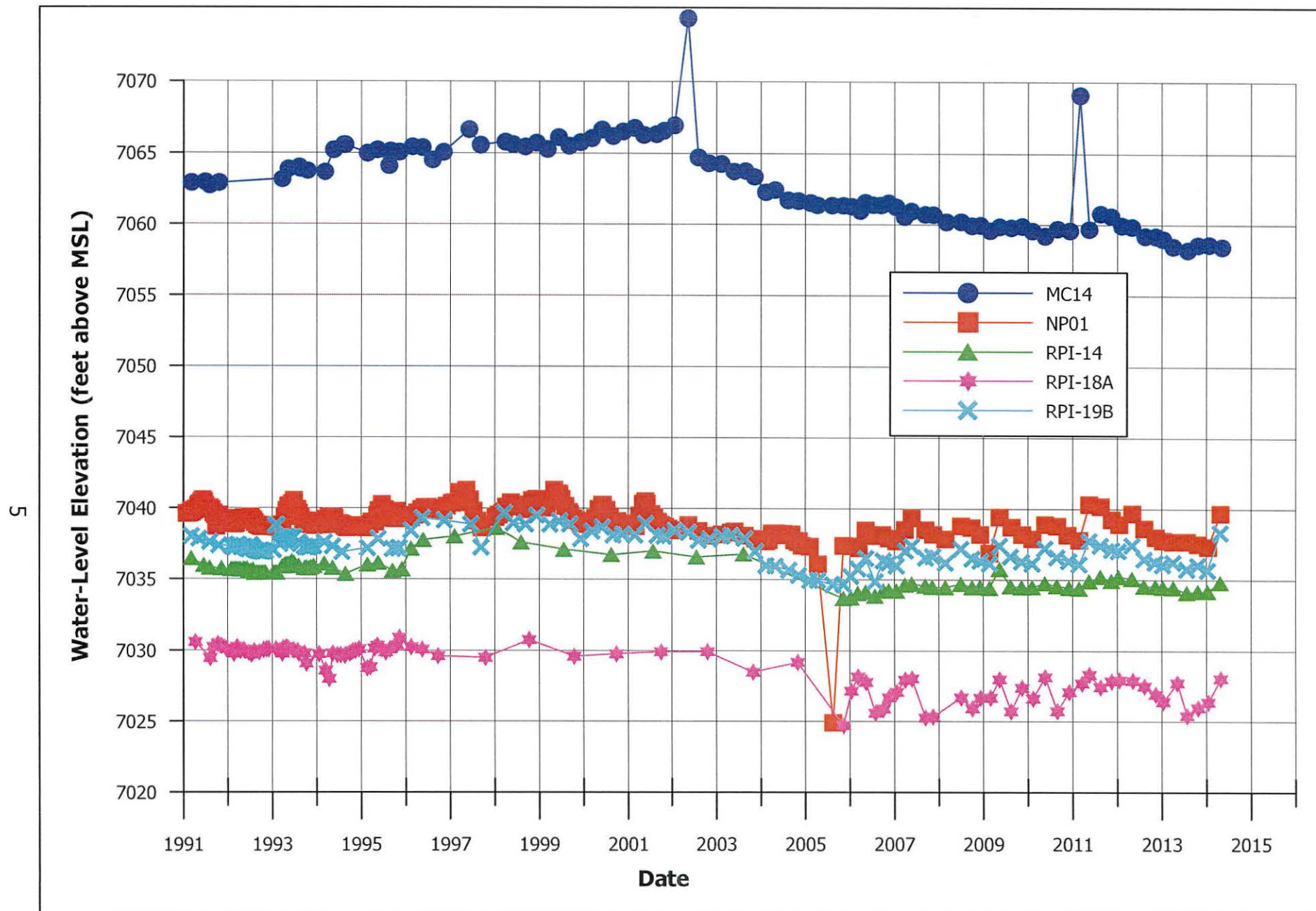
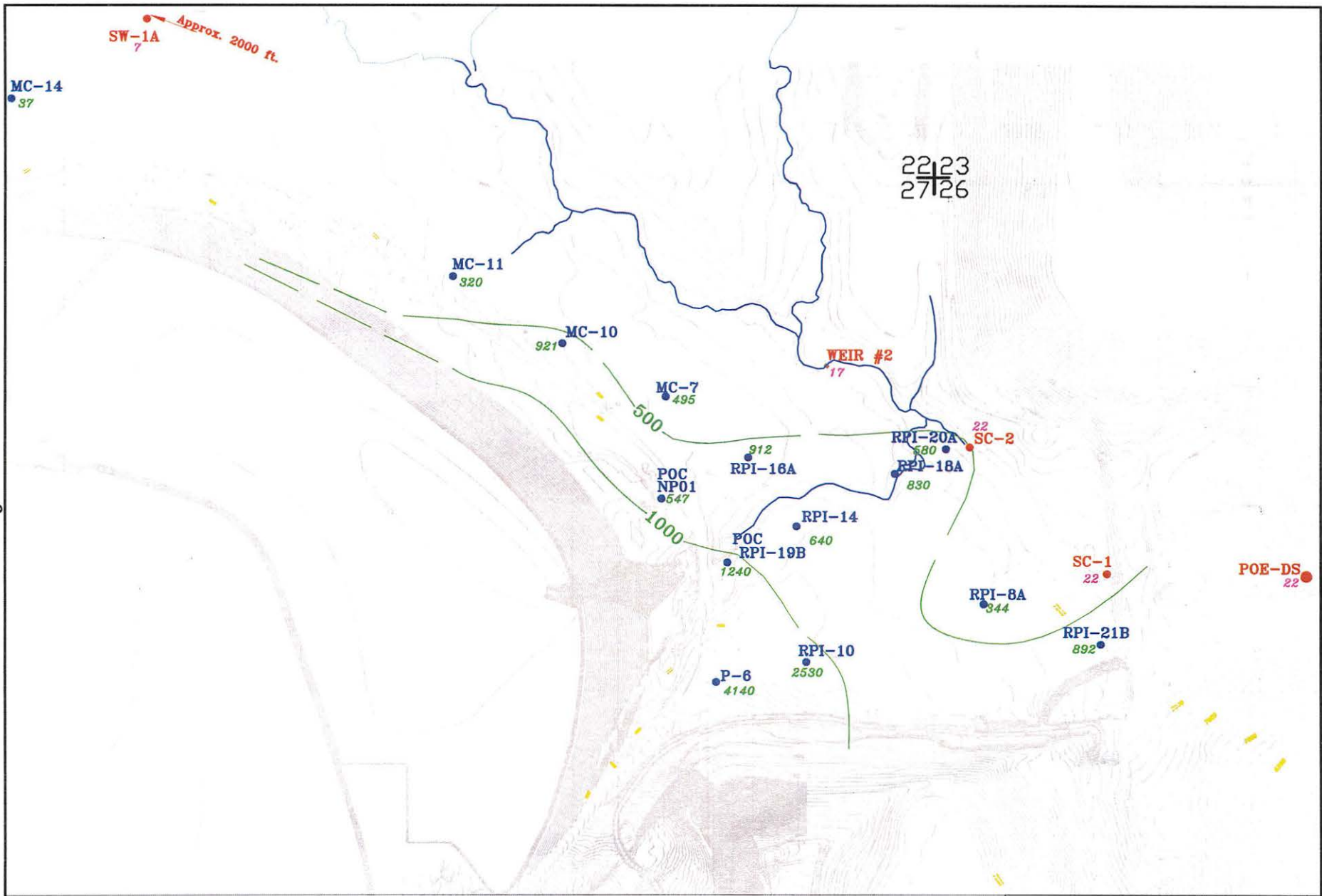


Figure 2. Water-Level Elevation Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B



LEGEND:

- 28 ● MONITORING WELL CHLORIDE CONCENTRATION (mg/l)
- 15 ● CHLORIDE ISO-CONCENTRATION CONTOURS
- 15 ● SURFACE WATER CHLORIDE CONCENTRATION (mg/l)

**PATHFINDER**

PATHFINDER MINES CORPORATION  
SHIRLEY BASIN, WYOMING

FIGURE 3. MID 2014 CHLORIDE CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS.

DRAWN BY: BMV DATE: 8-2014 Approx. Scale: 1"=700'  
Serial-annual-8-2014.dwg HYDRO-ENGINEERING L.L.C.



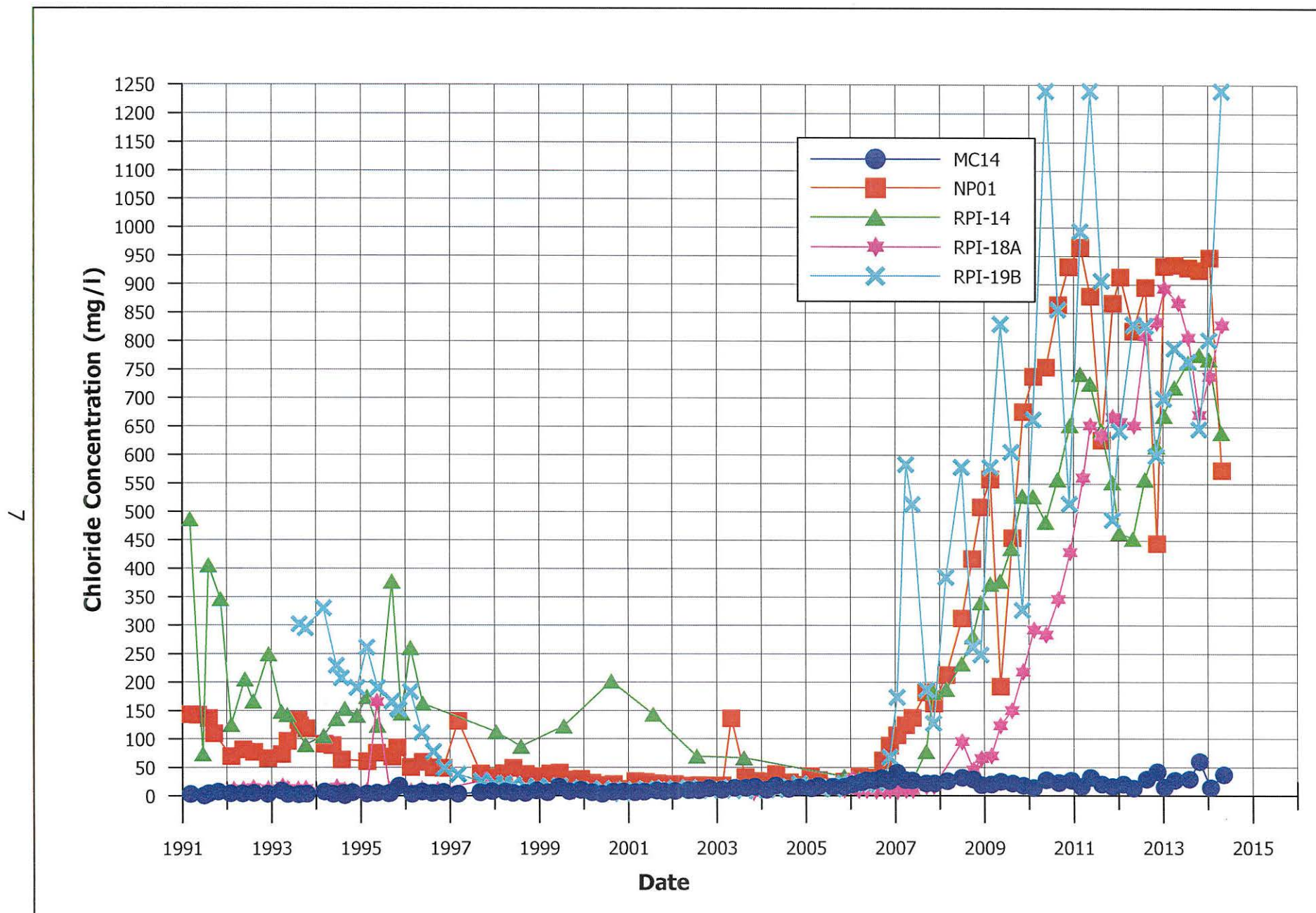


Figure 4. Chloride Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

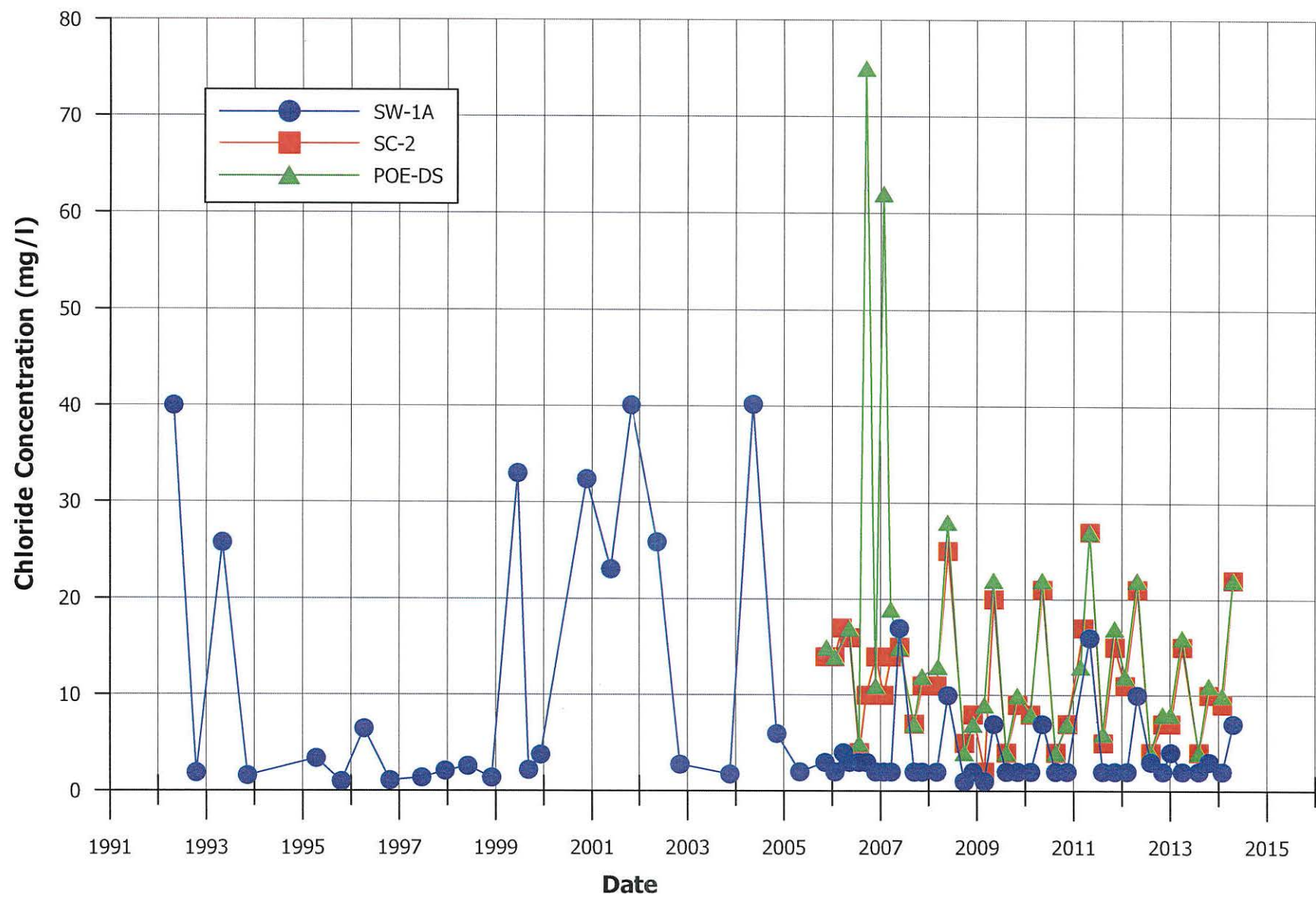
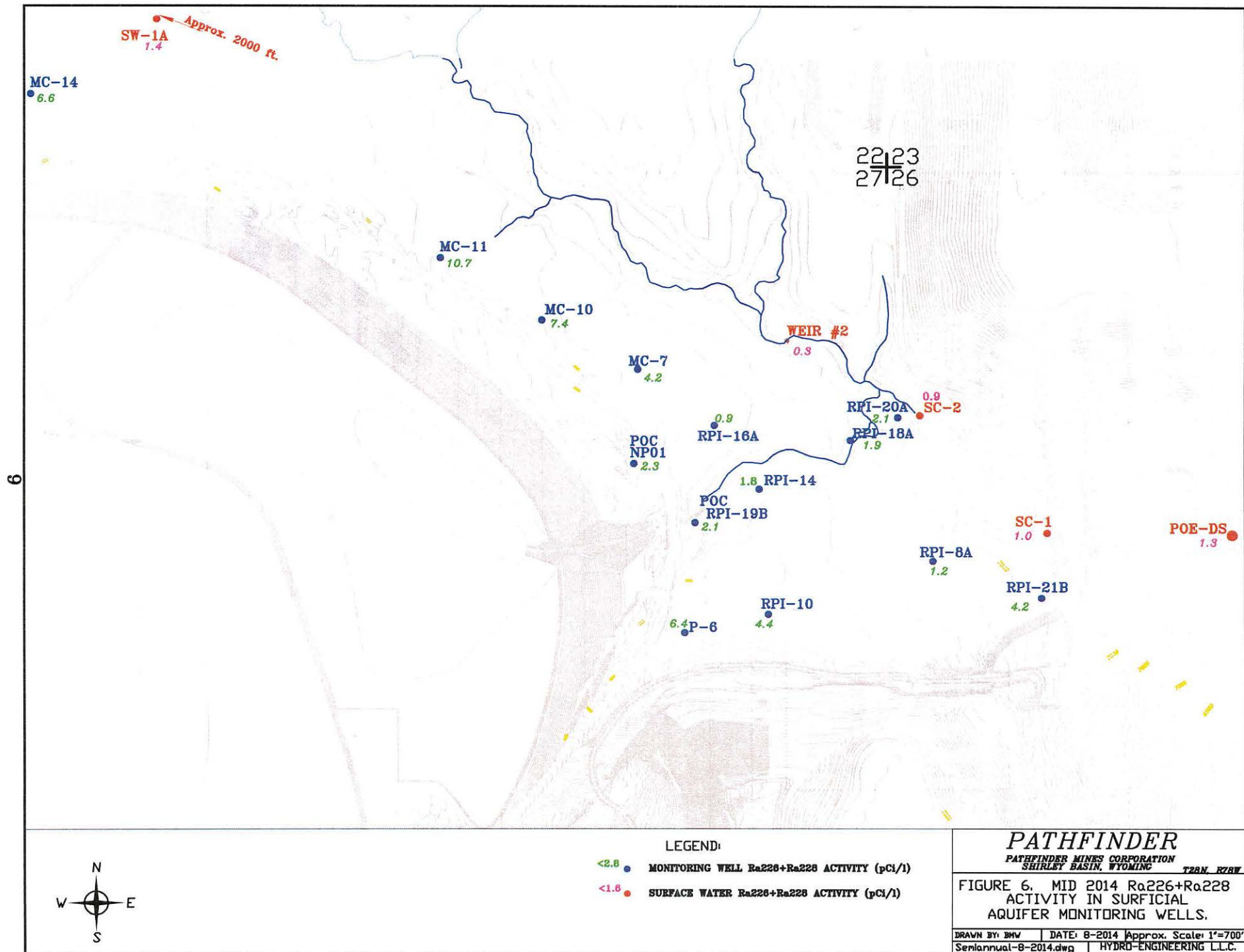


Figure 5. Chloride Concentration Versus Time For Surface Water  
Sample Locations SW-1A, SC-2, and POE-DS





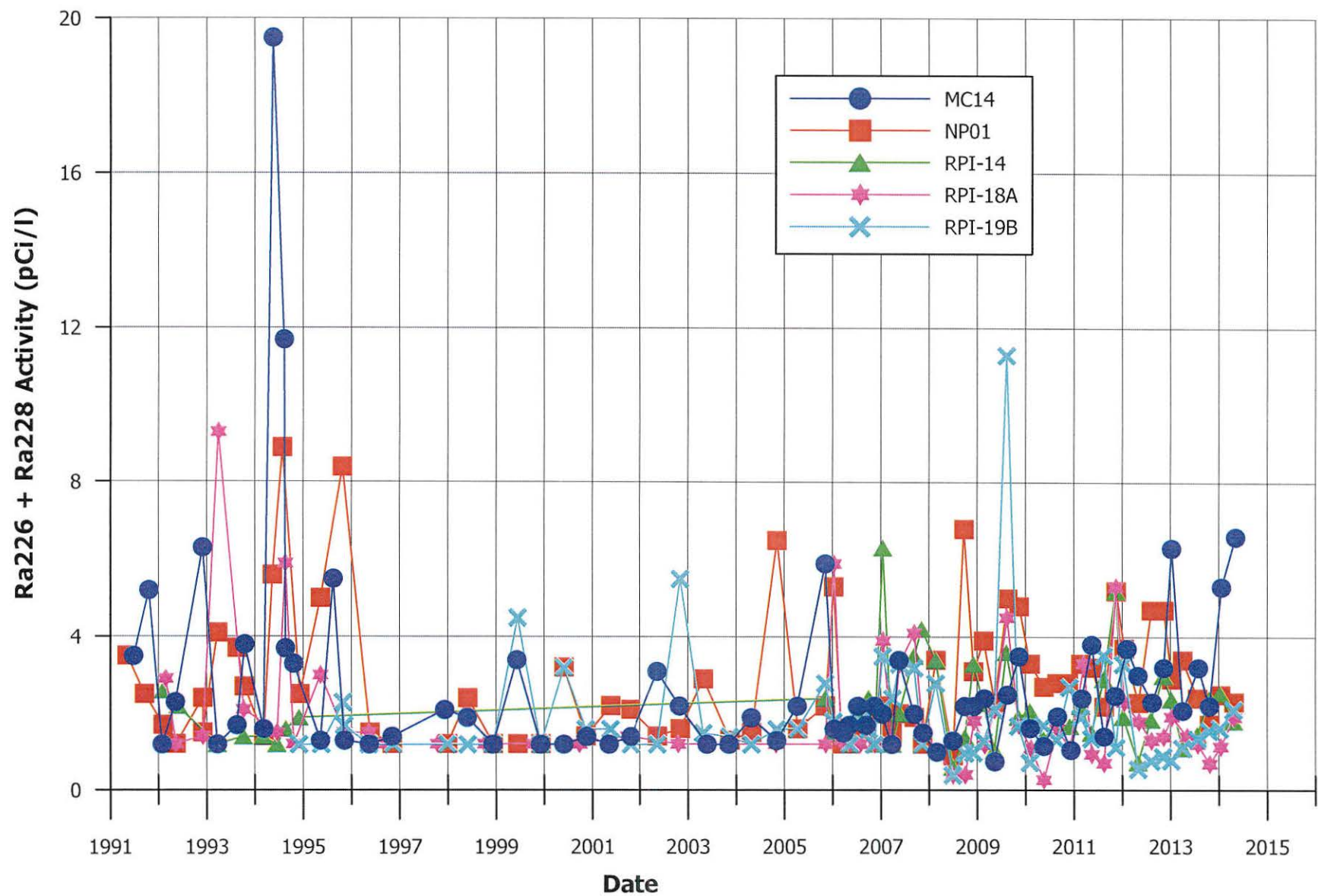


Figure 7. Ra226 + Ra228 Activity Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

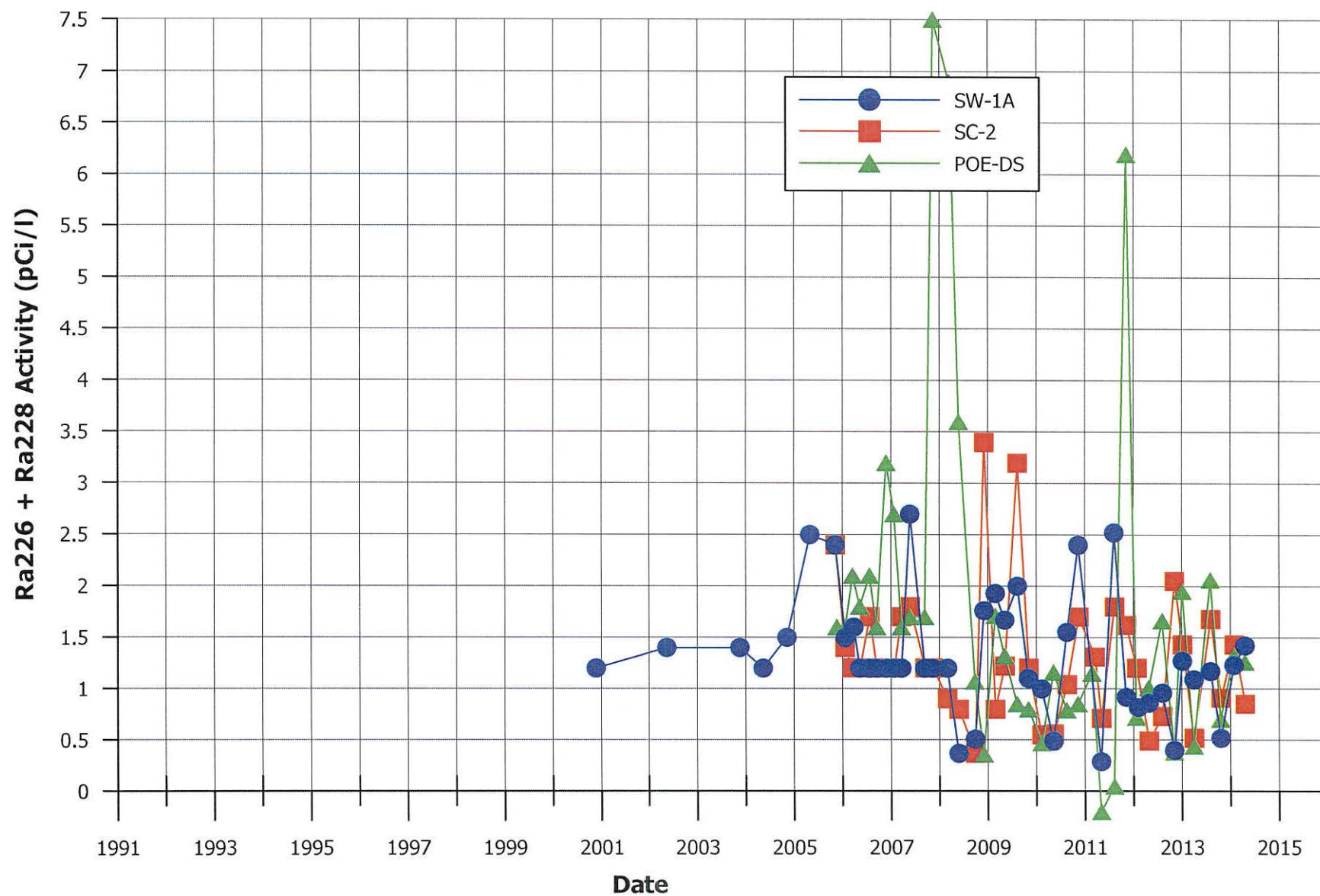
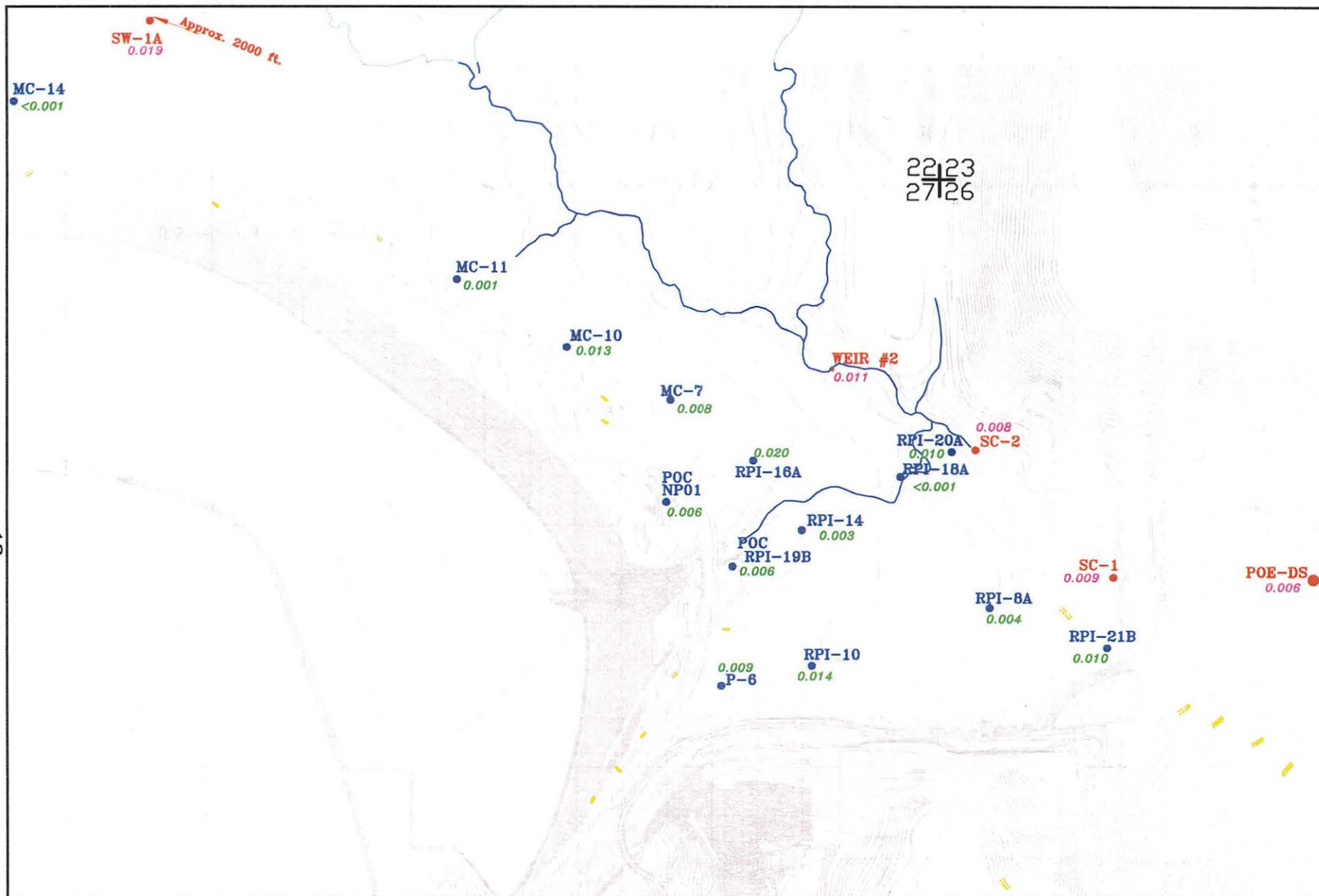


Figure 8. Ra226 + Ra228 Activity Versus Time For Surface Water  
Sample Locations SW-1A, SC-2, and POE-DS



# LEGEND:

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

## PATHFINDER

PATHFINDER MINES CORPORATION  
SHIRLEY BASIN, WYOMING T28N, R28W

FIGURE 9. MID 2014 SELENIUM CONCENTRATIONS IN SURFICIAL AQUIFER MONITORING WELLS.

DRAWN BY: BMW DATE: 8-2014 Approx. Scale: 1"=700'  
Semiannual-8-2014.dwg HYDRO-ENGINEERING L.L.C.

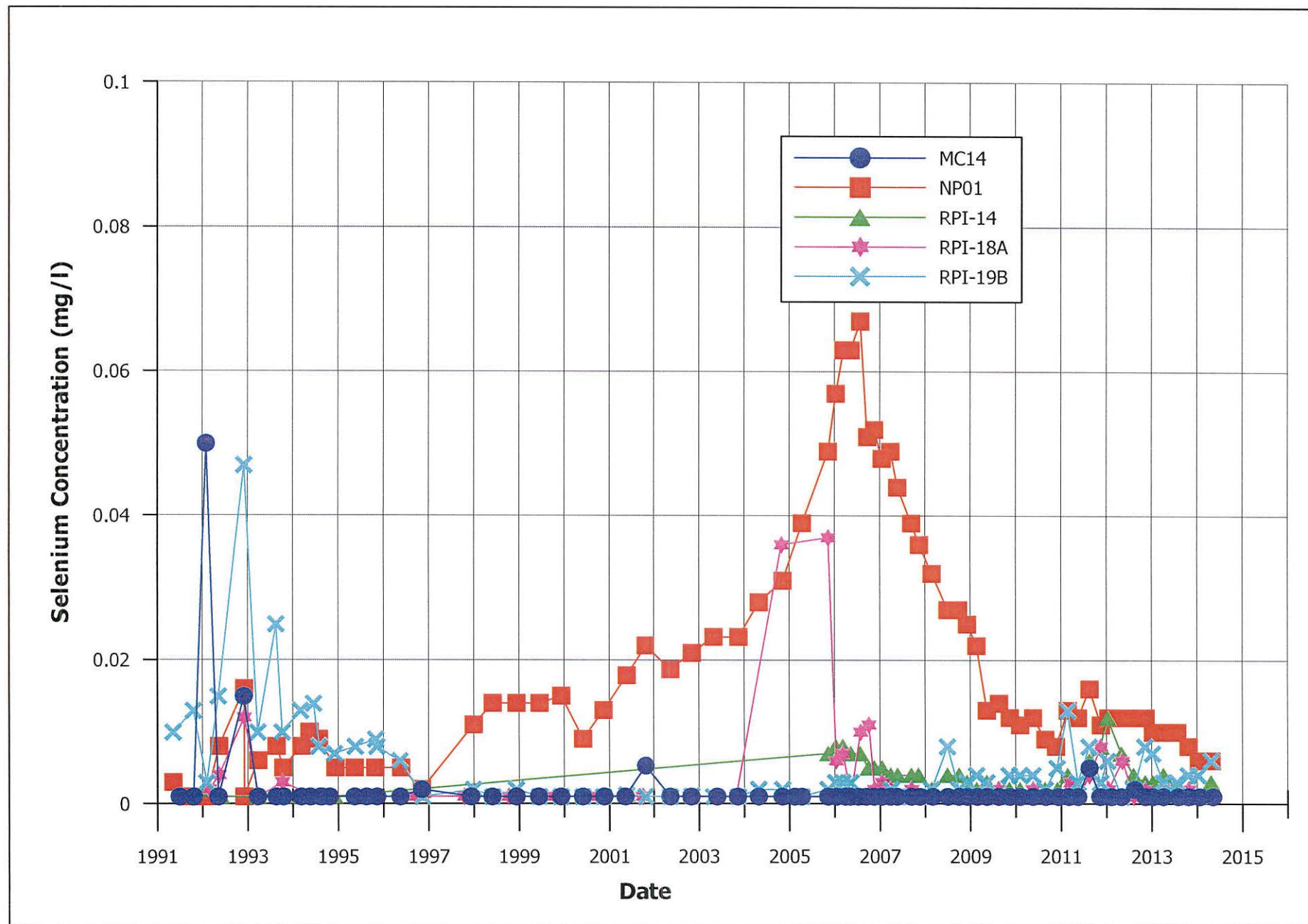


Figure 10. Selenium Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B



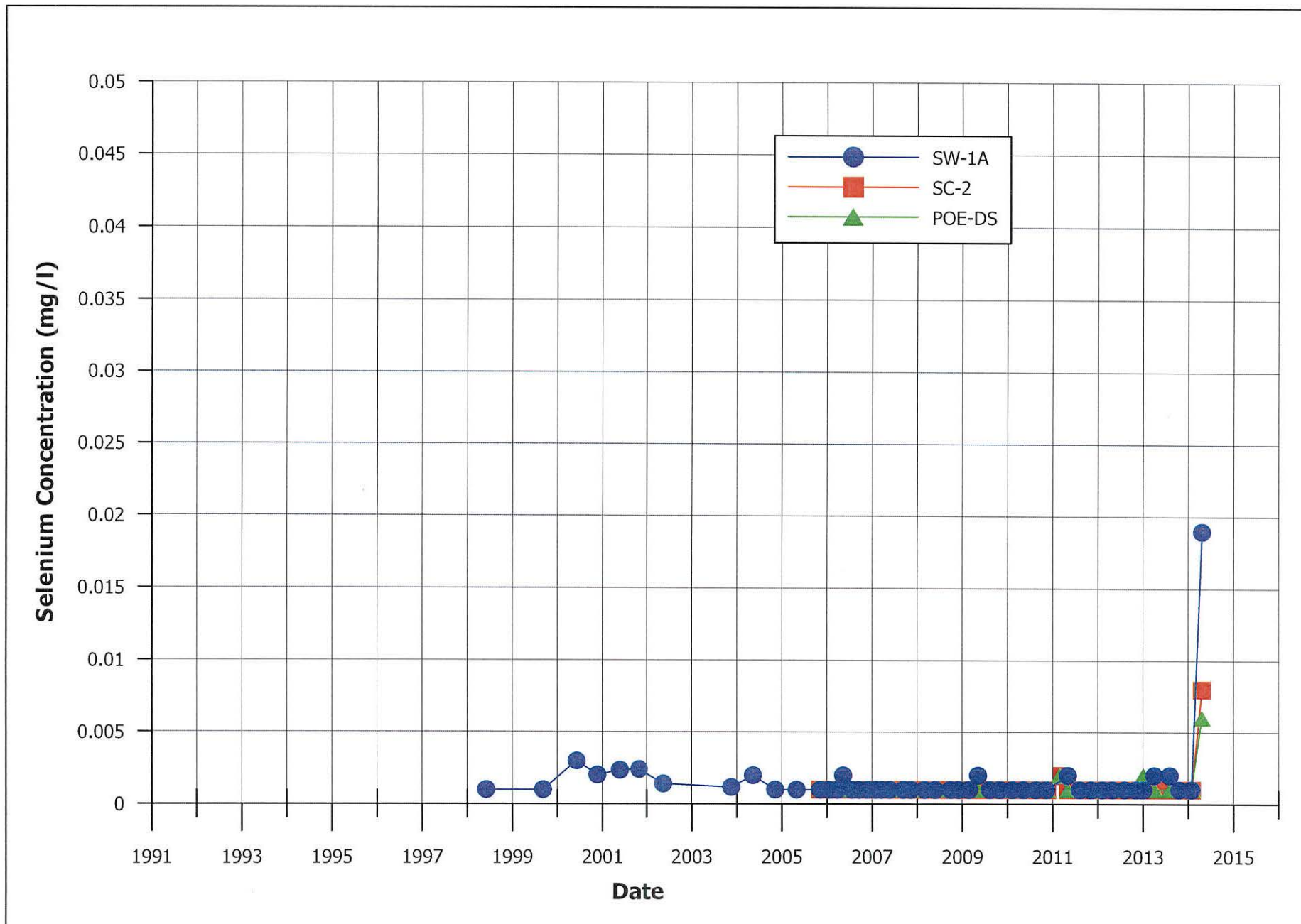
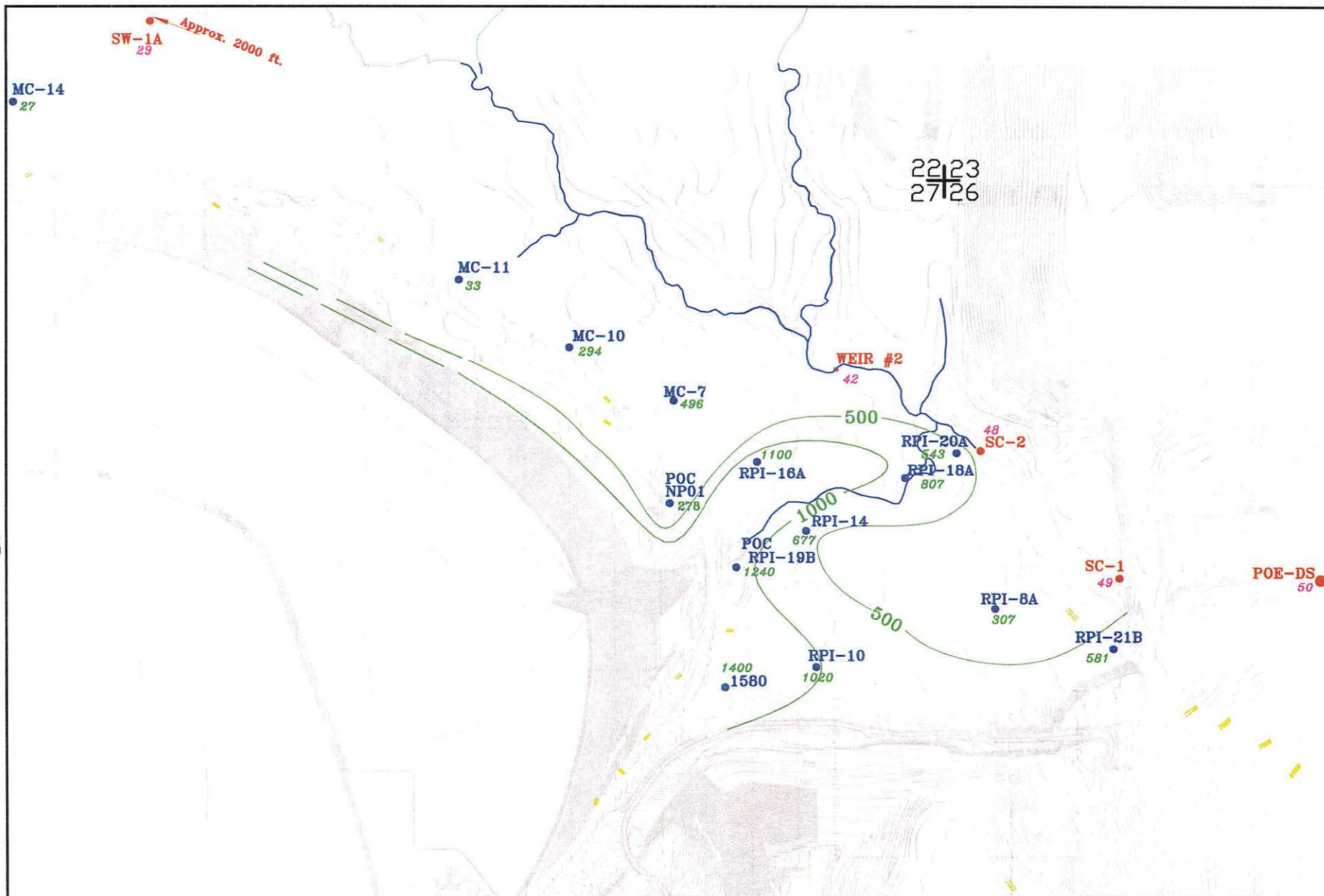


Figure 11. Selenium Concentration Versus Time For Surface Water  
Sample Locations SW-1A, SC-2, and POE-DS





# LEGEND:

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

## PATHFINDER

PATHFINDER MINES CORPORATION  
SHIRLEY BASIN, WYOMING T28N, R78W

FIGURE 12. MID 2014 SULFATE  
CONCENTRATIONS IN SURFICIAL  
AQUIFER MONITORING WELLS.

DRAWN BY: BMW DATE: 8-2014 [Approx. Scale: 1"=700']  
Semiannual-8-2014.dwg HYDRO-ENGINEERING L.L.C.

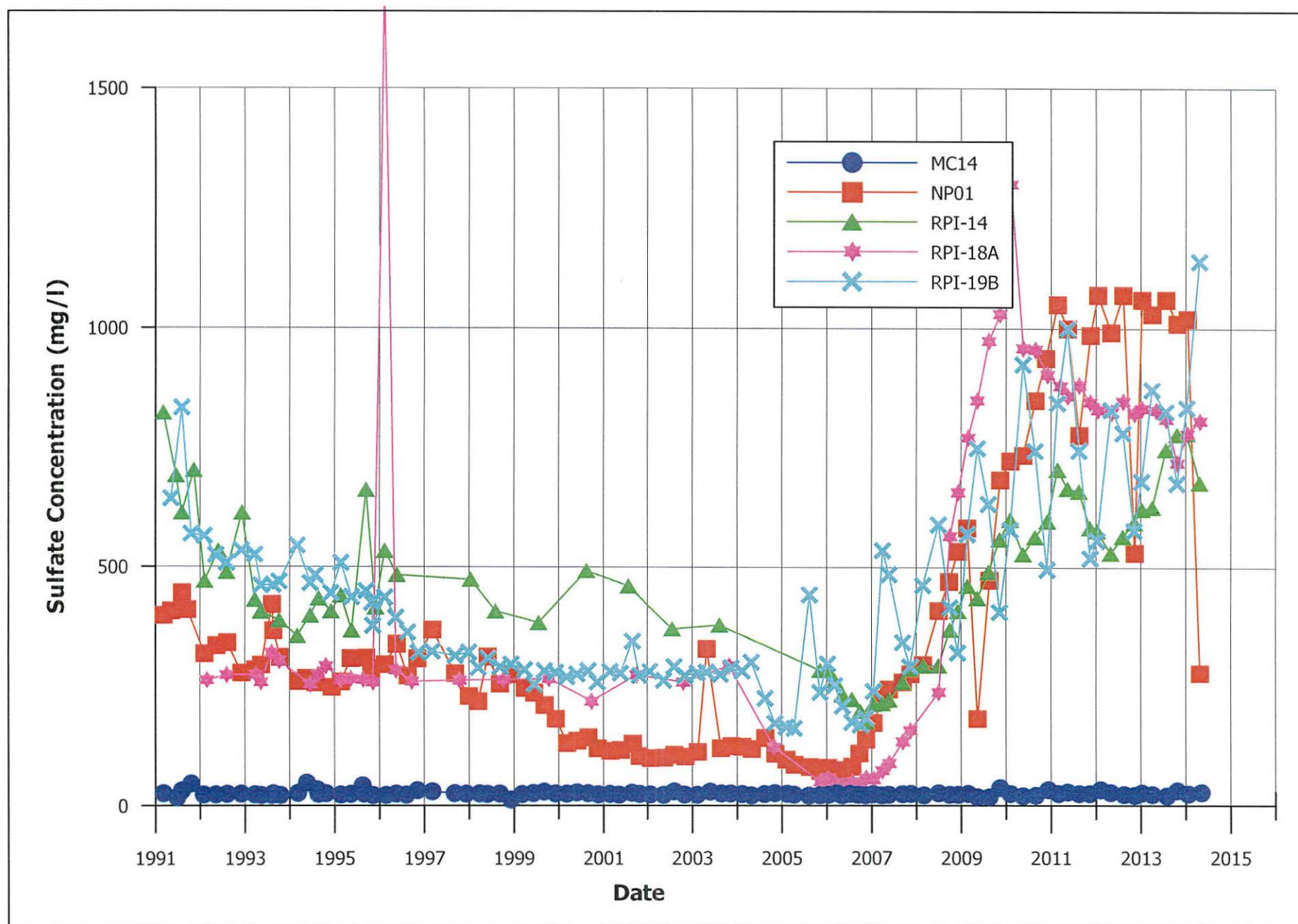


Figure 13. Sulfate Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

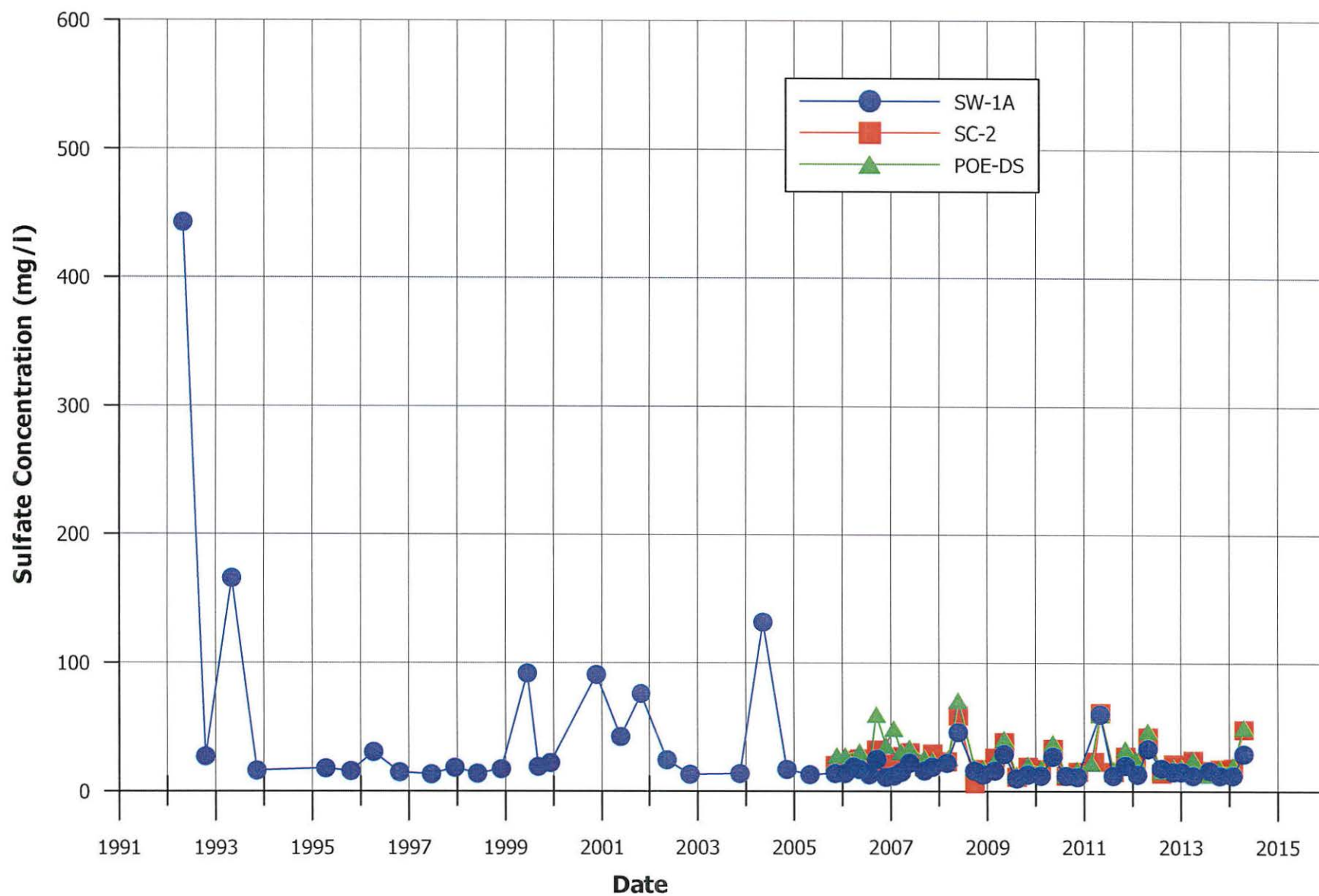
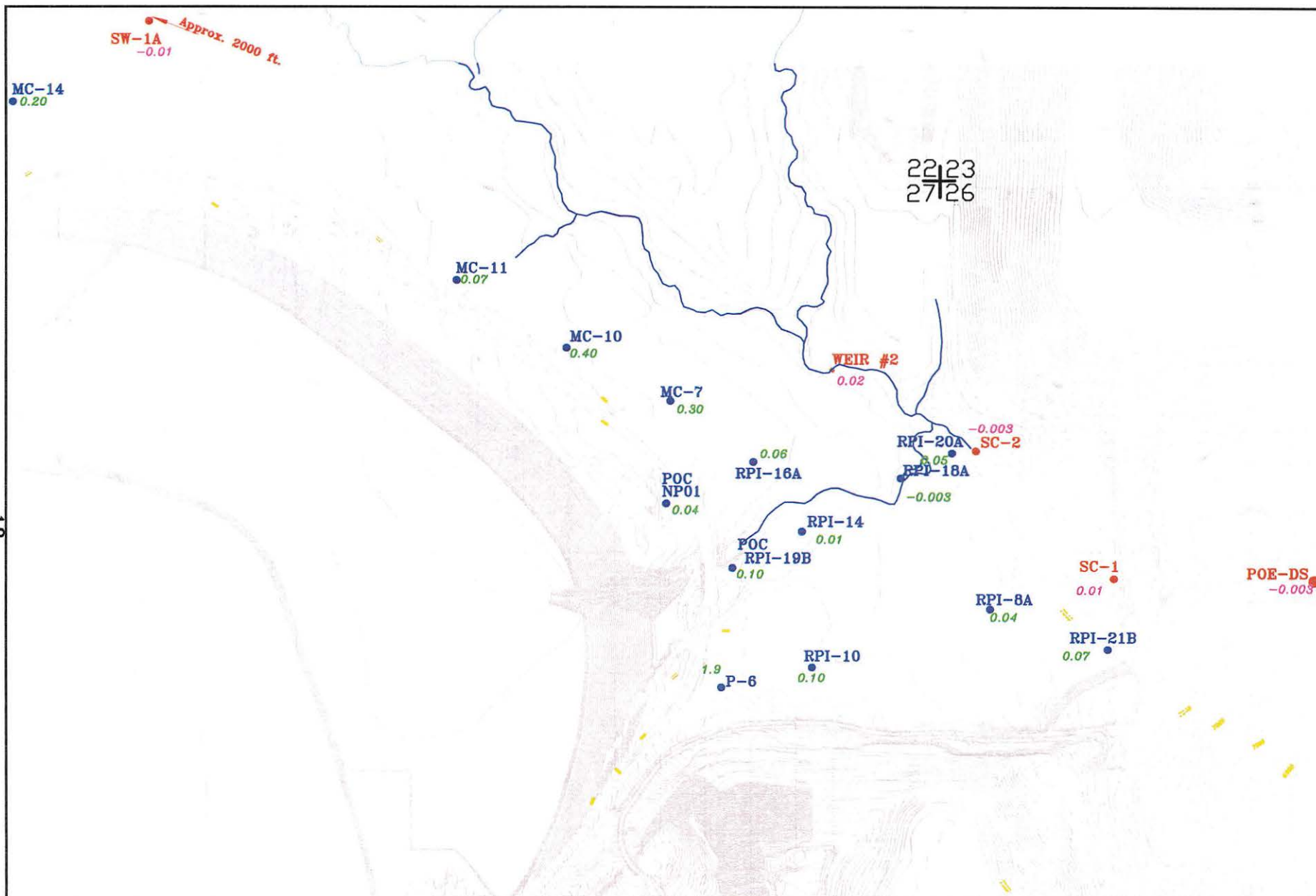


Figure 14. Sulfate Concentration Versus Time For Surface Water  
Sample Locations SW-1A, SC-2, and POE-DS



## LEGEND:

- <0.2 ● MONITORING WELL THORIUM-230 ACTIVITY (pCi/l)  
 <0.2 ● SURFACE WATER THORIUM-230 ACTIVITY (pCi/l)

## PATHFINDER

PATHFINDER MINES CORPORATION  
 SHIRLEY BASIN, WYOMING T28N, R78W

FIGURE 15. MID 2014 THORIUM-230  
 ACTIVITY IN SURFICIAL  
 AQUIFER MONITORING WELLS.

DRAWN BY: BMV DATE: 8-2014 Approx. Scale: 1"=700'  
 Semiannual-8-2014.dwg HYDRO-ENGINEERING L.L.C.



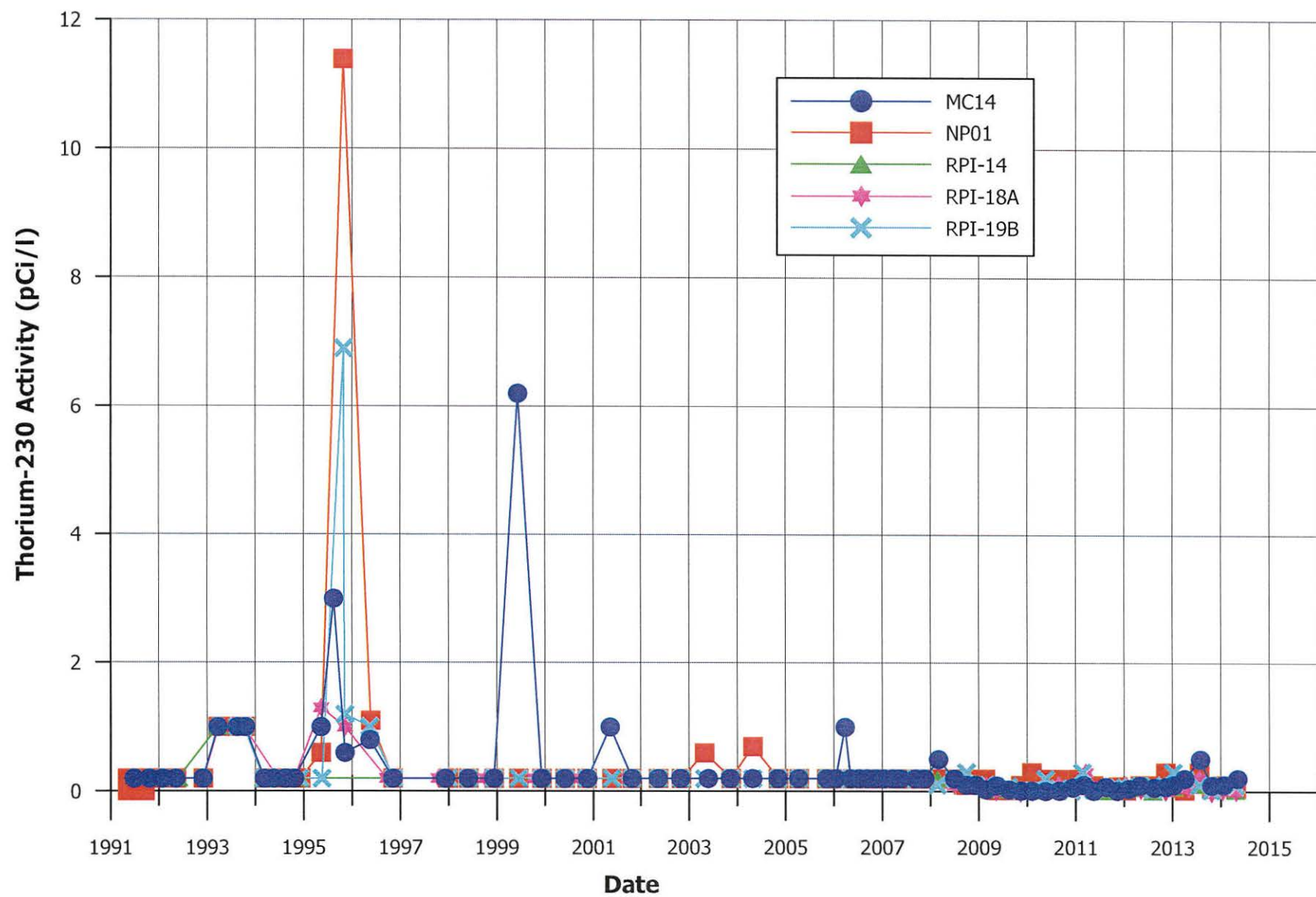


Figure 16. Thorium-230 Activity Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

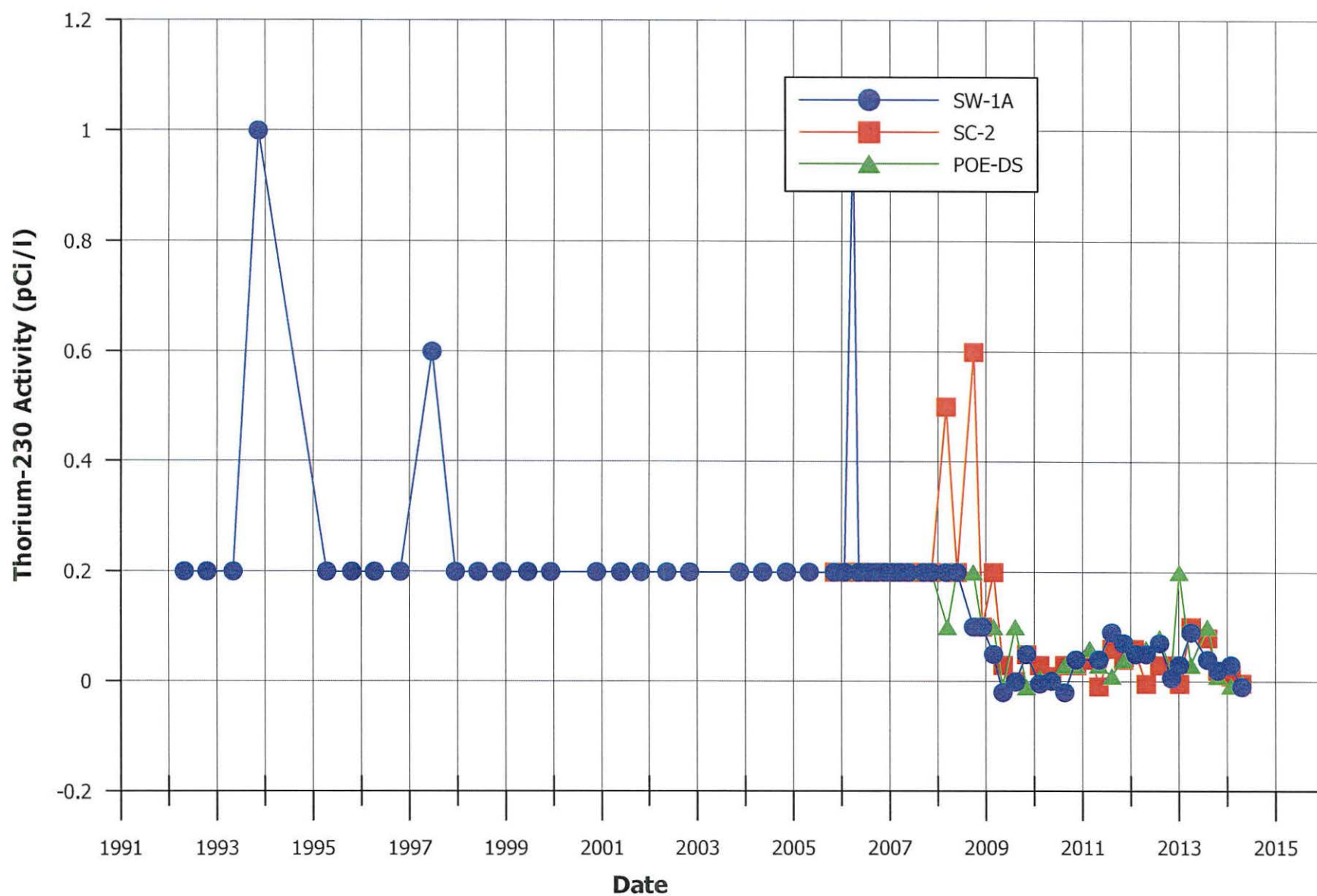
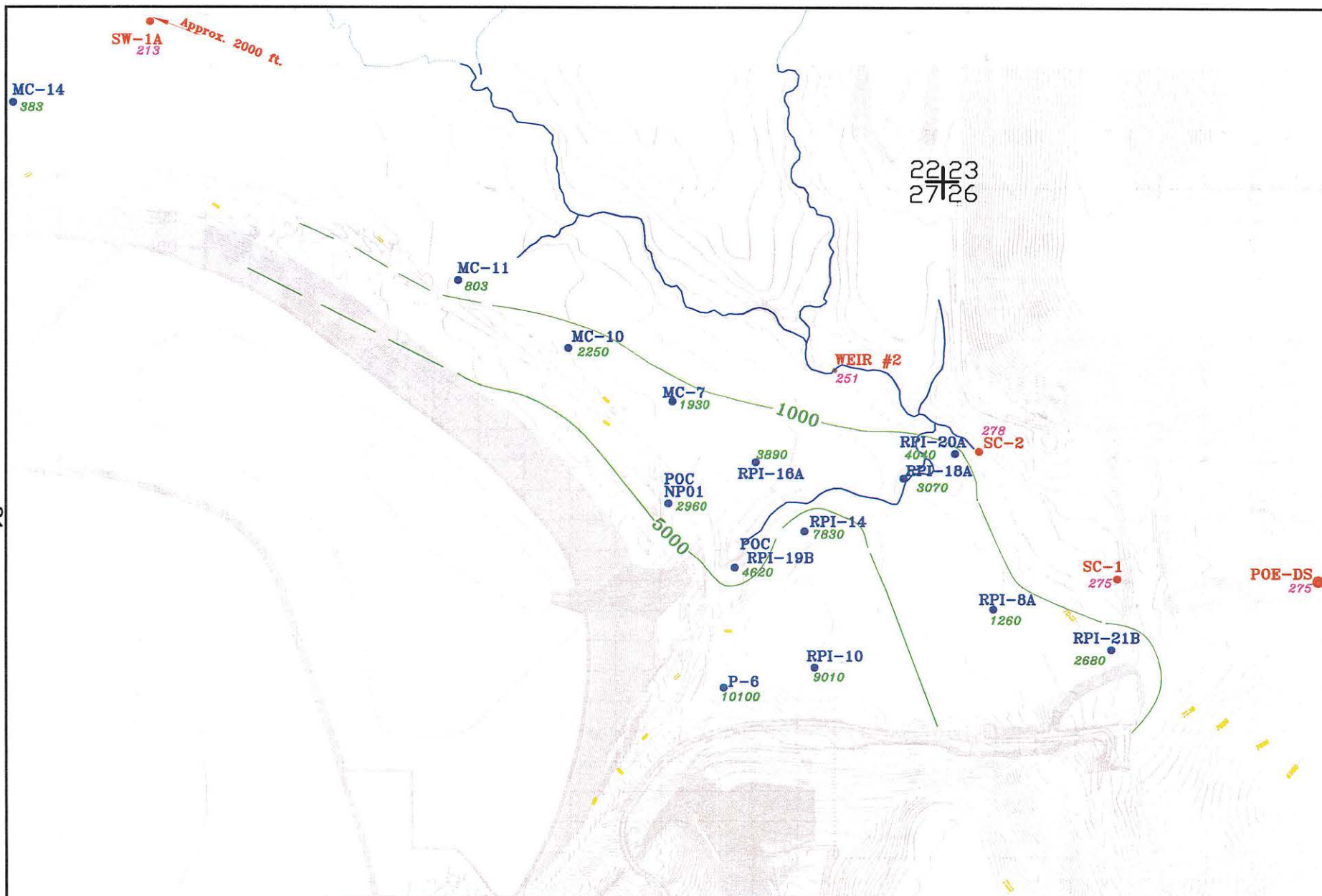


Figure 17. Thorium-230 Activity Versus Time For Surface Water  
Sample Locations SW-1A, SC-2, and POE-DS



# LEGEND:

- 888 ● MONITORING WELL TDS CONCENTRATION (mg/l)
- 273 ● TDS ISO-CONCENTRATION CONTOURS
- 273 ● SURFACE WATER TDS CONCENTRATION (mg/l)

## PATHFINDER

PATHFINDER MINES CORPORATION  
SHIRLEY BASIN, WYOMING T28N, R78W

FIGURE 18. MID 2014 TDS  
CONCENTRATIONS IN SURFICIAL  
AQUIFER MONITORING WELLS.

DRAWN BY: BMV DATE: 8-2014 Approx. Scale: 1"=700'  
Semiannual-8-2014.dwg HYDRO-ENGINEERING L.L.C.



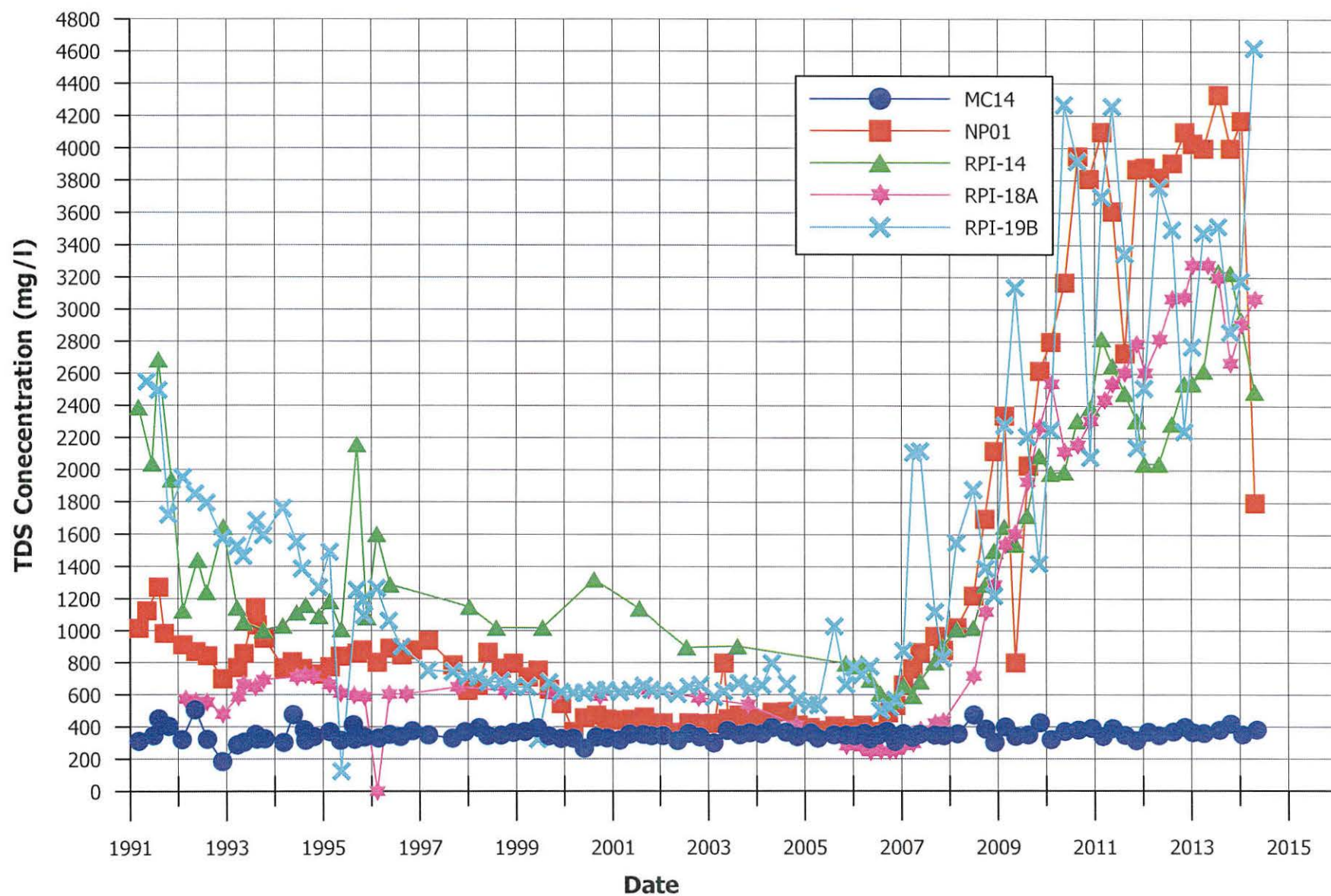


Figure 19. TDS Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B



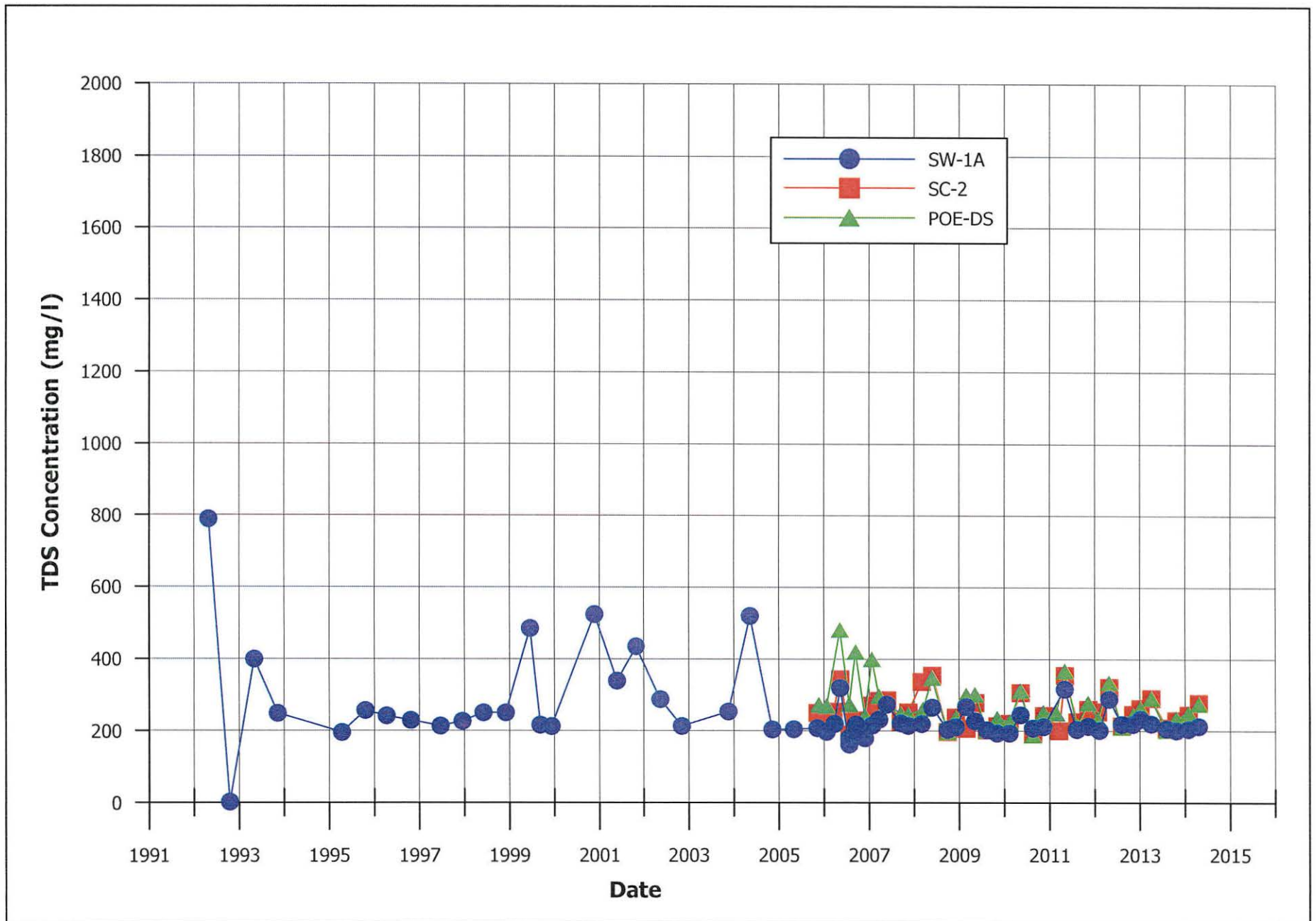
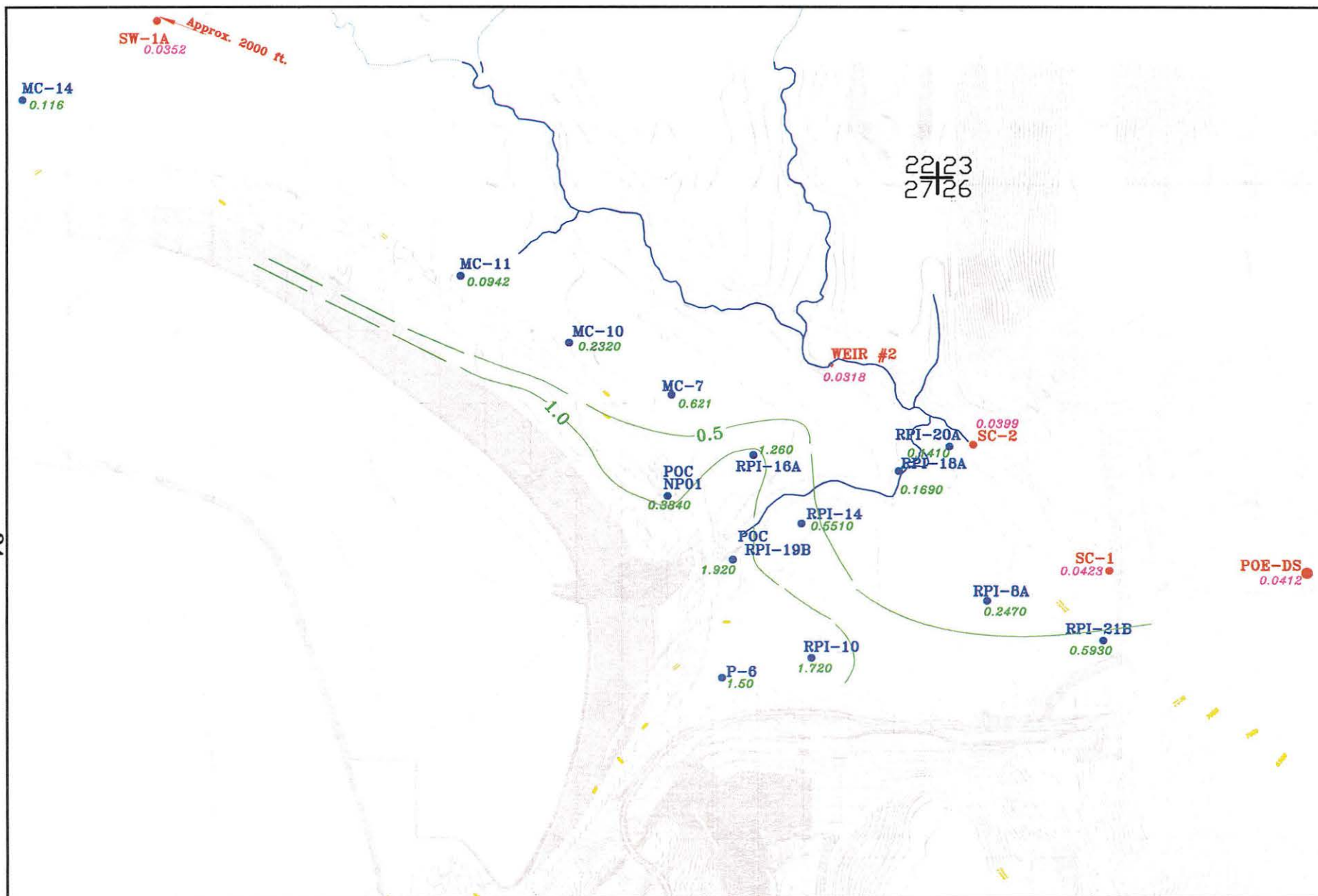


Figure 20. TDS Concentration Versus Time For Surface Water  
Sample Locations SW-1A, SC-2, and POE-DS



# LEGEND:

- 0.0146 ● MONITORING WELL URANIUM CONCENTRATION (mg/l)
- URANIUM ISO-CONCENTRATION CONTOURS
- 0.0232 ● SURFACE WATER URANIUM CONCENTRATION (mg/l)

## PATHFINDER

PATHFINDER MINES CORPORATION  
SHIRLEY BASIN, WYOMING T28N R72W

FIGURE 21. MID 2014 URANIUM  
CONCENTRATIONS IN SURFICIAL  
AQUIFER MONITORING WELLS.

DRAWN BY: BMV	DATE: 8-2014 Approx. Scale: 1"=700'
Serialannual-8-2014.dwg	HYDRO-ENGINEERING L.L.C.

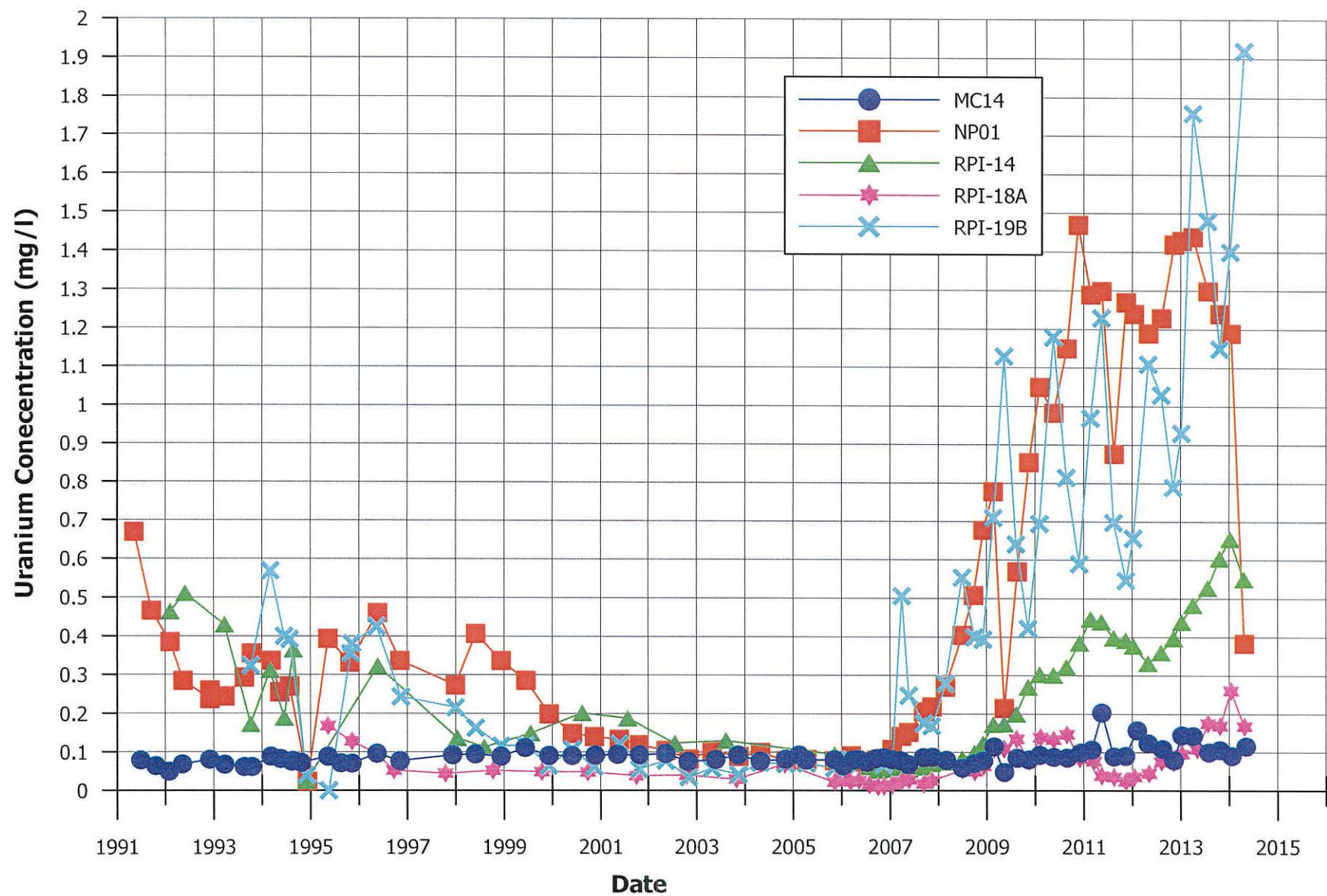


Figure 22. Uranium Concentration Versus Time For Wells MC-14, NP01, RPI-14, RPI-18A and RPI-19B

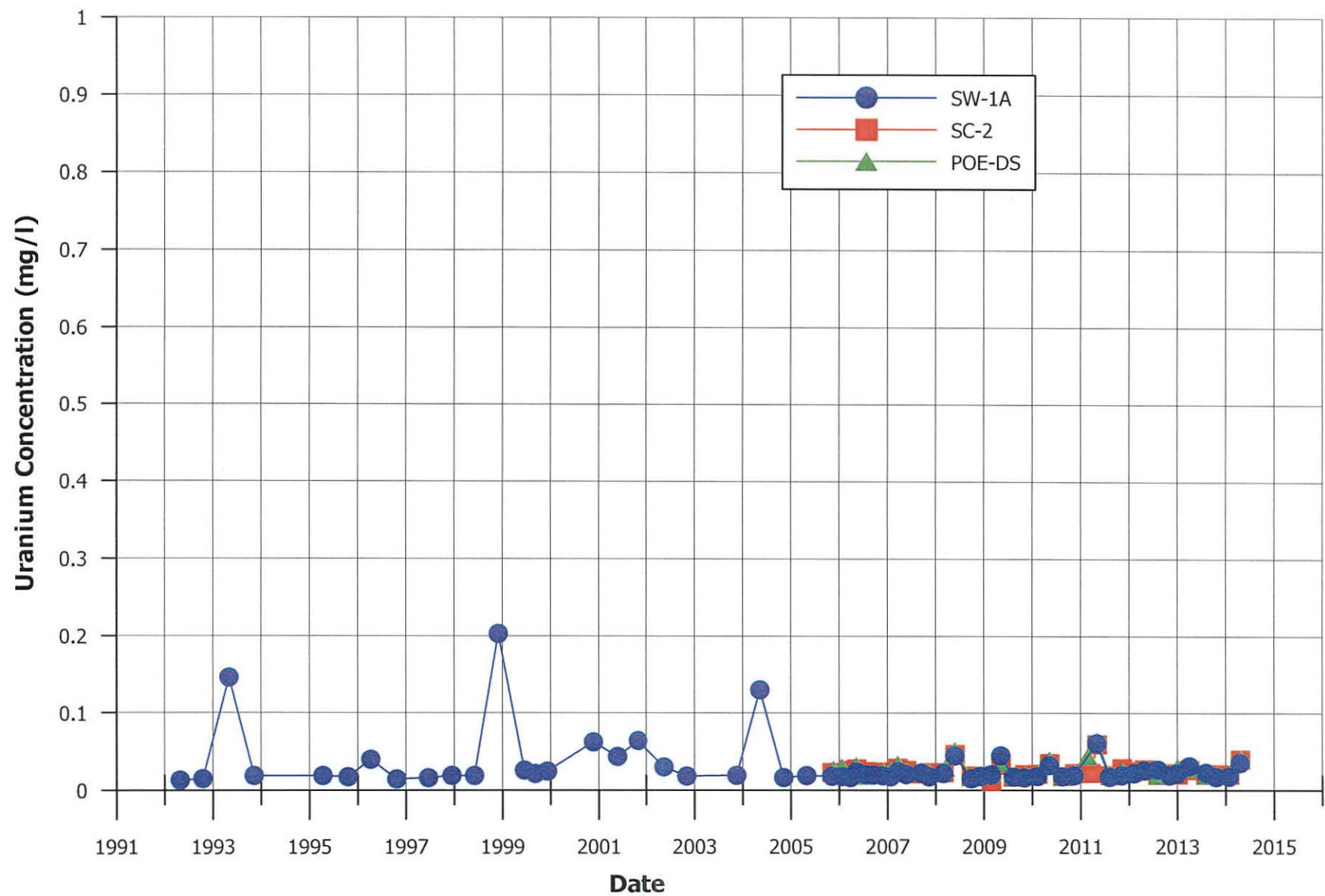


Figure 23. Uranium Concentration Versus Time For Surface Water  
Sample Locations SW-1A, SC-2, and POE-DS



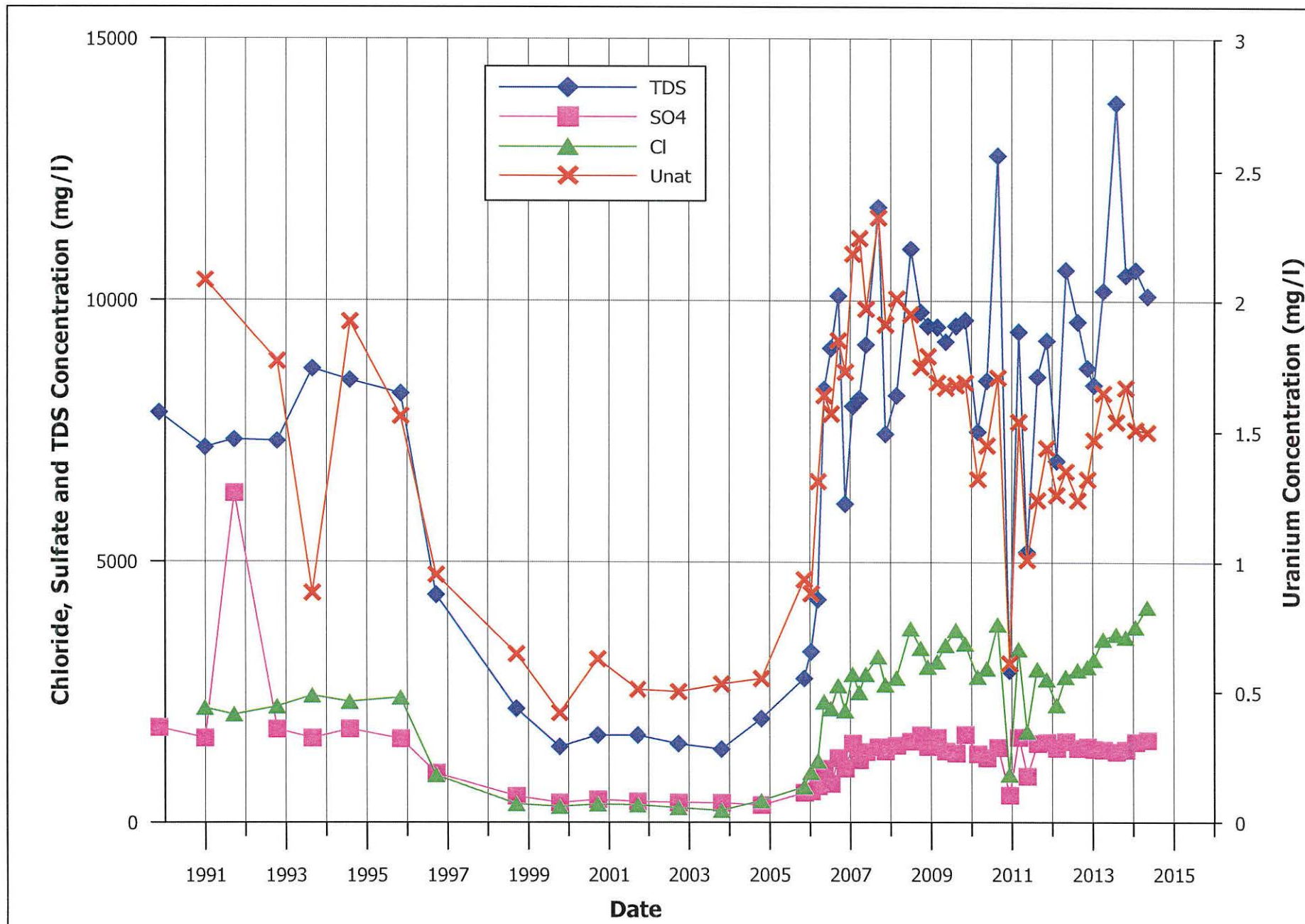


Figure 24. Chloride, Sulfate, TDS and Uranium Concentration Versus Time For Well P-6

**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	3/2/2011	13.28	7036.33	7.37	760	583	137.0	81.0	0.2660	0.006
	5/17/2011	11.38	7038.23	7.28	1356	1210	308.0	287.0	0.3090	0.006
	8/17/2011	10.80	7038.81	7.26	675	551	112.0	99.0	0.1360	0.007
	11/11/2011	12.64	7036.97	7.12	616	465	91.0	83.0	0.1120	0.004
	2/8/2012	11.25	7038.36	7.45	558	397	85.0	55.0	0.1240	0.005
	4/30/2012	11.56	7038.05	7.26	657	695	146.0	136.0	0.1170	0.004
	8/16/2012	12.46	7037.15	7.43	714	942	259.0	183.0	0.1990	0.005
	11/12/2012	13.40	7036.21	7.22	680	698	169.0	106.0	0.1780	0.003
	1/10/2013	13.29	7036.32	7.58	624	632	145.0	84.0	0.2030	0.003
	4/4/2013	13.54	7036.07	7.46	980	615	135.0	122.0	0.1800	0.004
	7/31/2013	13.36	7036.25	7.63	1400	1050	246.0	246.0	0.2350	0.006
	10/24/2013	13.60	7036.01	7.61	1910	1360	360.0	323.0	0.3460	0.005
	1/21/2014	13.74	7035.87	7.58	2380	1590	426.0	355.0	0.4510	0.006
	5/9/2014	12.08	7037.53	7.72	2870	1930	496.0	495.0	0.6210	0.008
MC10	3/2/2011	14.95	7037.65	7.57	1483	1250	41.0	586.0	0.0536	0.014
	5/17/2011	12.65	7039.95	7.32	1884	1560	38.0	750.0	0.0681	0.015
	8/17/2011	12.22	7040.38	7.07	1302	1170	66.0	523.0	0.0446	0.055
	11/11/2011	13.31	7039.29	7.03	1340	1400	79.0	587.0	0.0491	0.039
	2/8/2012	14.10	7038.50	7.11	1453	1630	85.0	731.0	0.1400	0.026
	4/30/2012	13.44	7039.16	7.13	1349	1730	88.0	745.0	0.0910	0.028
	8/16/2012	14.18	7038.42	7.29	1328	2160	130.0	937.0	0.0955	0.023
	11/12/2012	13.82	7038.78	7.11	1343	1920	157.0	821.0	0.0920	0.017
	1/10/2013	15.11	7037.49	7.46	1173	1520	94.0	668.0	0.1000	0.017
	4/4/2013	15.46	7037.14	7.40	2600	1390	79.0	642.0	0.1000	0.014
	7/31/2013	14.90	7037.70	7.44	3410	2220	171.0	881.0	0.1100	0.017
	10/24/2013	15.22	7037.38	7.53	3180	1880	167.0	782.0	0.0949	0.012
	1/21/2014	15.48	7037.12	7.51	3334	1950	212.0	789.0	0.0954	0.013
	5/9/2014	13.59	7039.01	7.62	3760	2250	294.0	921.0	0.2320	0.013
MC11	3/2/2011	13.95	7042.56	7.44	1010	763	31.0	290.0	0.0708	< 0.001
	5/17/2011	12.48	7044.03	7.32	1084	749	28.0	302.0	0.1010	0.002
	8/17/2011	10.88	7045.63	6.89	944	793	41.0	314.0	0.0579	0.003
	11/11/2011	12.06	7044.45	6.97	930	751	31.0	290.0	0.0538	< 0.001
	2/8/2012	13.20	7043.31	6.96	820	769	33.0	292.0	0.1330	< 0.001
	4/30/2012	13.30	7043.21	7.03	698	785	31.0	299.0	0.0855	0.002
	8/16/2012	13.32	7043.19	7.45	672	790	30.0	303.0	0.0613	0.001
	11/12/2012	13.83	7042.68	7.15	773	793	31.0	303.0	0.0548	< 0.001
	1/10/2013	14.23	7042.28	7.51	752	789	29.0	305.0	0.1050	< 0.001
	4/4/2013	14.63	7041.88	7.31	1273	780	27.0	306.0	0.1060	0.001
	7/31/2013	13.99	7042.52	7.53	1215	810	28.0	322.0	0.0603	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)
MC11	10/23/2013	14.00	7042.51	7.87	1307	800	29.0	309.0	0.0579	< 0.001
	1/21/2014	14.32	7042.19	7.76	1359	800	30.0	311.0	0.0561	< 0.001
	5/9/2014	13.55	7042.96	7.93	1326	803	33.0	320.0	0.0942	0.001
MC14	3/2/2011	15.62	7069.09	7.65	513	342	25.0	16.0	0.1070	0.001
	5/17/2011	25.02	7059.69	7.33	576	392	28.0	32.0	0.2040	0.001
	8/17/2011	23.92	7060.79	6.93	509	349	25.0	20.0	0.0891	0.005
	11/11/2011	24.09	7060.62	7.11	483	316	25.0	16.0	0.0906	0.001
	2/8/2012	24.77	7059.94	7.00	429	368	33.0	20.0	0.1580	< 0.001
	4/30/2012	24.86	7059.85	7.12	326	347	27.0	13.0	0.1240	0.001
	8/16/2012	25.50	7059.21	7.51	387	370	23.0	29.0	0.1090	0.002
	11/12/2012	25.51	7059.20	7.18	498	399	21.0	42.0	0.0793	< 0.001
	1/10/2013	25.70	7059.01	7.63	460	366	26.0	15.0	0.1450	< 0.001
	4/4/2013	26.24	7058.47	7.33	588	361	23.0	27.0	0.1430	< 0.001
	7/31/2013	26.49	7058.22	7.65	598	381	20.0	29.0	0.1000	< 0.001
	10/23/2013	26.14	7058.57	7.97	744	420	31.0	60.0	0.1060	< 0.001
	1/21/2014	26.11	7058.60	7.86	595	353	24.0	14.0	0.0904	< 0.001
	5/9/2014	26.27	7058.44	8.04	654	383	27.0	37.0	0.1160	< 0.001
NP01	2/24/2011	13.98	7037.83	6.62	3280	4100	1050.0	966.0	1.2900	0.013
	5/16/2011	11.45	7040.36	6.69	3410	3610	1000.0	880.0	1.3000	0.012
	8/16/2011	11.59	7040.22	6.31	1835	2730	777.0	627.0	0.8770	0.016
	11/16/2011	12.52	7039.29	6.37	2810	3870	986.0	868.0	1.2700	0.011
	1/17/2012	12.85	7038.96	6.29	1947	3880	1070.0	914.0	1.2400	0.012
	5/2/2012	12.09	7039.72	6.58	1615	3820	992.0	819.0	1.1900	0.012
	8/8/2012	13.15	7038.66	6.67	1251	3910	1070.0	896.0	1.2300	0.012
	11/12/2012	13.78	7038.03	6.55	1551	4100	531.0	445.0	1.4200	0.012
	1/9/2013	14.00	7037.81	6.88	1473	4030	1060.0	933.0	1.4300	0.010
	4/2/2013	14.08	7037.73	6.82	5040	4000	1030.0	935.0	1.4400	0.010
	7/25/2013	14.09	7037.72	6.89	4770	4330	1060.0	930.0	1.3000	0.010
	10/23/2013	14.26	7037.55	7.15	5100	4000	1010.0	926.0	1.2400	0.008
	1/13/2014	14.45	7037.36	7.19	5310	4170	1020.0	948.0	1.1900	0.006
	4/24/2014	12.09	7039.72	7.67	2960	1800	278.0	574.0	0.3840	0.006
P-6	3/2/2011	21.62	7036.58	5.99	5990	9420	1640.0	3330.0	1.5400	0.013
	5/17/2011	20.59	7037.61	6.39	4310	5200	894.0	1750.0	1.0100	0.010
	8/17/2011	20.00	7038.20	5.77	5410	8560	1520.0	2950.0	1.2400	0.013
	11/11/2011	20.32	7037.88	5.81	5050	9250	1540.0	2750.0	1.4400	0.015
	2/8/2012	20.91	7037.29	5.91	4170	6950	1430.0	2260.0	1.2600	0.011
	4/30/2012	20.52	7037.68	5.99	3770	10600	1560.0	2800.0	1.3500	0.019
	8/16/2012	21.15	7037.05	6.18	3680	9610	1430.0	2930.0	1.2400	0.016
	11/12/2012	21.65	7036.55	5.91	3840	8730	1460.0	2990.0	1.3200	0.011

\* = 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	1/10/2013	21.88	7036.32	6.05	3870	8400	1410.0	3130.0	1.4700	0.009
	4/4/2013	22.08	7036.12	6.16	11720	10200	1400.0	3520.0	1.6500	0.013
	7/31/2013	22.10	7036.10	6.35	10540	13800	1360.0	3620.0	1.5400	0.013
	10/24/2013	22.20	7036.00	6.46	11320	10500	1400.0	3560.0	1.6700	0.008
	1/21/2014	22.38	7035.82	6.46	12150	10600	1540.0	3760.0	1.5100	0.007
	5/9/2014	20.61	7037.59	6.63	12440	10100	1580.0	4140.0	1.5000	0.009
RPI-8A	2/25/2011	10.75	7028.65	7.34	1105	945	301.0	161.0	0.1640	0.008
	5/5/2011	10.31	7029.09	7.28	990	828	277.0	123.0	0.1700	0.007
	8/11/2011	9.26	7030.14	7.03	876	970	300.0	168.0	0.1460	0.006
	11/9/2011	9.39	7030.01	7.02	949	1010	307.0	193.0	0.1660	0.007
	1/10/2012	8.17	7031.23	7.12	568	551	165.0	48.0	0.1330	0.027
	5/1/2012	9.55	7029.85	7.16	915	1110	307.0	214.0	0.1670	0.007
	8/7/2012	9.89	7029.51	7.05	706	1130	319.0	244.0	0.1820	0.005
	11/7/2012	10.18	7029.22	7.31	829	1220	321.0	286.0	0.1870	0.005
	1/7/2013	10.34	7029.06	7.29	920	1260	318.0	303.0	0.1840	0.006
	4/3/2013	10.54	7028.86	7.48	1891	1310	334.0	320.0	0.2230	0.005
	7/24/2013	10.67	7028.73	7.49	1769	1350	331.0	335.0	0.2120	0.004
	10/22/2013	10.81	7028.59	7.73	1837	1350	323.0	340.0	0.2340	0.004
	1/8/2014	10.84	7028.56	7.72	2420	1390	331.0	343.0	0.2300	0.005
	4/22/2014	10.71	7028.69	7.89	1955	1260	307.0	344.0	0.2470	0.004
RPI-10	2/24/2011	15.60	7033.81	6.57	3390	6090	861.0	2070.0	1.3900	0.030
	5/5/2011	15.15	7034.26	6.57	4470	5730	848.0	1980.0	1.3700	0.019
	8/16/2011	15.66	7033.75	6.40	3640	6190	934.0	2030.0	1.4500	0.023
	11/14/2011	14.11	7035.30	6.37	4090	6240	903.0	2050.0	1.4400	0.019
	1/10/2012	14.38	7035.03	6.88	3760	5960	925.0	2000.0	1.5100	0.024
	5/1/2012	14.30	7035.11	6.86	3440	7700	951.0	2050.0	1.4700	0.015
	8/7/2012	14.71	7034.70	6.91	1437	8340	1020.0	2170.0	1.5300	0.015
	11/7/2012	15.16	7034.25	7.25	1688	6180	993.0	2180.0	1.5500	0.013
	1/7/2013	15.41	7034.00	7.17	1700	6350	474.0	1120.0	1.4900	0.016
	4/3/2013	15.64	7033.77	6.92	8300	7080	964.0	2320.0	1.7300	0.011
	7/24/2013	15.68	7033.73	7.23	7820	9170	943.0	2420.0	1.5500	0.012
	10/22/2013	15.61	7033.80	7.44	8210	8170	957.0	2470.0	1.7200	0.011
	1/9/2014	15.99	7033.42	7.58	9140	6690	995.0	2420.0	1.6200	0.011
	4/24/2014	15.58	7033.83	7.53	9010	7830	1020.0	2530.0	1.7200	0.014
RPI-14	2/24/2011	7.50	7034.40	7.05	1830	2820	705.0	743.0	0.4470	0.004
	5/16/2011	6.98	7034.92	7.07	2740	2650	665.0	726.0	0.4400	0.002
	8/16/2011	6.67	7035.23	6.81	1642	2480	659.0	644.0	0.3980	0.006
	11/14/2011	6.95	7034.95	6.88	1726	2310	583.0	553.0	0.3920	0.008
	1/10/2012	6.68	7035.22	7.04	1456	2040	577.0	464.0	0.3770	0.012

\* = 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	5/1/2012	6.81	7035.09	7.07	1369	2040	530.0	454.0	0.3320	0.007
	8/7/2012	7.34	7034.56	6.90	1038	2290	565.0	558.0	0.3600	0.004
	11/8/2012	7.35	7034.55	7.09	1214	2540	594.0	616.0	0.3970	0.003
	1/8/2013	7.43	7034.47	7.21	1228	2540	622.0	670.0	0.4390	0.003
	4/5/2013	7.45	7034.45	7.33	3680	2620	626.0	720.0	0.4830	0.004
	7/24/2013	7.79	7034.11	7.22	3710	3240	747.0	763.0	0.5280	0.002
	10/22/2013	7.70	7034.20	7.53	3970	3230	779.0	777.0	0.6050	0.001
	1/9/2014	7.70	7034.20	7.67	4320	2940	781.0	769.0	0.6560	0.001
	4/23/2014	7.08	7034.82	7.65	4000	2490	677.0	640.0	0.5510	0.003
RPI-16A	2/25/2011	11.25	7036.35	6.85	3370	3740	1110.0	837.0	0.8500	0.022
	5/16/2011	9.95	7037.65	6.75	3300	3530	1060.0	826.0	0.9050	0.014
	8/16/2011	9.34	7038.26	6.38	2610	3210	949.0	737.0	0.7530	0.018
	11/16/2011	9.93	7037.67	6.56	25903	3120	860.0	656.0	0.7740	0.015
	1/17/2012	10.22	7037.38	6.46	1968	3500	1060.0	772.0	0.8260	0.016
	5/2/2012	9.97	7037.63	6.62	1832	3960	1060.0	785.0	1.0600	0.016
	8/8/2012	10.71	7036.89	6.78	1301	3310	1040.0	744.0	0.9580	0.015
	11/8/2012	11.12	7036.48	6.77	1342	3220	953.0	658.0	0.8920	0.016
	1/8/2013	11.32	7036.28	6.81	1388	3360	1010.0	723.0	1.1300	0.017
	4/5/2013	11.44	7036.16	6.94	4540	3520	1000.0	721.0	1.1000	0.018
	7/25/2013	11.58	7036.02	7.06	4180	3460	997.0	728.0	1.0500	0.016
	10/23/2013	11.69	7035.91	7.29	4370	3370	920.0	699.0	1.0600	0.017
	1/9/2014	11.78	7035.82	7.34	4500	3450	1040.0	791.0	1.1700	0.017
	4/24/2014	10.81	7036.79	7.45	4730	3890	1100.0	912.0	1.2600	0.020
RPI-18A	3/17/2011	4.14	7027.71	6.38	2550	2440	880.0	561.0	0.0777	0.003
	5/16/2011	3.52	7028.33	6.45	2790	2540	859.0	653.0	0.0395	0.001
	8/16/2011	4.41	7027.44	6.02	2420	2610	882.0	635.0	0.0359	0.004
	11/14/2011	3.98	7027.87	6.17	2810	2790	846.0	668.0	0.0243	0.008
	1/17/2012	3.90	7027.95	5.93	1873	2610	830.0	659.0	0.0363	0.002
	5/7/2012	3.95	7027.90	6.34	1584	2820	825.0	653.0	0.0456	0.006
	8/8/2012	4.34	7027.51	6.43	1441	3070	848.0	810.0	0.0763	< 0.001
	11/8/2012	4.92	7026.93	6.45	1404	3080	823.0	835.0	0.0745	0.002
	1/9/2013	5.45	7026.40	6.70	1383	3280	833.0	894.0	0.0965	< 0.001
	5/6/2013	4.11	7027.74	6.61	4433	3280	829.0	869.0	0.1090	0.002
	7/25/2013	6.44	7025.41	6.86	4190	3200	811.0	808.0	0.1770	< 0.001
	10/23/2013	5.88	7025.97	7.17	3890	2670	719.0	672.0	0.1700	0.002
	1/13/2014	5.48	7026.37	7.18	4450	2910	780.0	739.0	0.2620	< 0.001
	4/24/2014	3.80	7028.05	7.28	4520	3070	807.0	830.0	0.1690	< 0.001
RPI-19B	2/24/2011	10.70	7036.11	6.54	2990	3700	845.0	994.0	0.9700	0.013
	5/16/2011	9.04	7037.77	6.39	3700	4260	1000.0	1240.0	1.2300	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	8/16/2011	9.36	7037.45	6.24	2630	3350	745.0	907.0	0.6990	0.008
	11/16/2011	9.68	7037.13	6.38	1460	2140	520.0	487.0	0.5480	0.003
	1/10/2012	9.75	7037.06	6.33	1542	2510	557.0	643.0	0.6580	0.006
	5/2/2012	9.35	7037.46	6.43	1589	3760	831.0	830.0	1.1100	0.001
	8/8/2012	10.34	7036.47	6.60	1180	3500	782.0	828.0	1.0300	0.002
	11/7/2012	10.57	7036.24	6.67	1152	2240	577.0	599.0	0.7910	0.008
	1/7/2013	10.74	7036.07	6.67	1214	2770	680.0	700.0	0.9320	0.007
	4/3/2013	10.58	7036.23	6.67	4390	3480	873.0	788.0	1.7600	0.003
	7/24/2013	11.04	7035.77	6.78	3980	3520	827.0	765.0	1.4800	0.003
	10/22/2013	10.77	7036.04	7.13	3520	2860	676.0	646.0	1.1500	0.004
	1/9/2014	11.12	7035.69	7.18	4460	3180	835.0	803.0	1.4000	0.004
	4/23/2014	8.46	7038.35	7.19	5790	4620	1140.0	1240.0	1.9200	0.006
RPI-20A	2/24/2011	6.78	7024.83	6.61	1530	2030	761.0	401.0	0.0702	0.002
	5/5/2011	4.98	7026.63	6.71	1813	1970	779.0	402.0	0.0786	0.002
	8/11/2011	6.58	7025.03	6.33	1407	2060	642.0	515.0	0.0940	< 0.001
	11/9/2011	5.73	7025.88	6.18	1821	2800	932.0	748.0	0.1200	0.002
	1/10/2012	6.41	7025.20	6.75	2720	3420	1060.0	885.0	0.7360	0.009
	5/2/2012	5.49	7026.12	6.37	1448	3560	993.0	840.0	0.1520	0.001
	8/8/2012	7.46	7024.15	7.12	1156	2760	798.0	694.0	0.1030	< 0.001
	11/8/2012	7.06	7024.55	6.75	1083	2440	708.0	596.0	0.0864	< 0.001
	1/8/2013	6.45	7025.16	6.73	1082	2520	743.0	669.0	0.0934	0.001
	4/5/2013	6.00	7025.61	6.92	4170	2940	774.0	784.0	0.1330	0.005
	7/23/2013	> 7.80	7023.81	---	---	---	---	---	---	---
	10/22/2013	7.32	7024.29	7.38	3960	3110	820.0	795.0	0.1050	0.002
	1/9/2014	7.02	7024.59	7.47	3850	2730	757.0	736.0	0.1180	0.001
	4/23/2014	5.30	7026.31	7.41	5200	4040	543.0	580.0	0.1410	0.010
RPI-21B	2/25/2011	11.06	7025.58	7.07	1542	1640	423.0	430.0	0.1720	0.012
	5/5/2011	9.58	7027.06	6.92	1558	1590	434.0	435.0	0.1860	0.011
	8/11/2011	9.21	7027.43	6.89	1201	1530	552.0	280.0	0.1330	0.020
	11/9/2011	9.26	7027.38	6.82	1295	1530	441.0	407.0	0.1710	0.021
	1/10/2012	9.38	7027.26	6.89	1118	1780	464.0	460.0	0.2370	0.022
	5/1/2012	9.25	7027.39	6.99	1335	1900	501.0	484.0	0.2410	0.021
	8/7/2012	9.70	7026.94	7.10	907	1950	519.0	555.0	0.2780	0.019
	11/7/2012	9.87	7026.77	7.15	1253	2070	520.0	584.0	0.2760	0.020
	1/7/2013	10.05	7026.59	7.15	952	2120	511.0	582.0	0.2730	0.018
	4/3/2013	10.08	7026.56	7.45	3240	2110	535.0	614.0	0.3780	0.014
	7/24/2013	10.52	7026.12	7.40	3200	2380	556.0	646.0	0.3840	0.013
	10/22/2013	10.60	7026.04	7.57	3430	2390	523.0	695.0	0.4460	0.012
	1/8/2014	10.84	7025.80	7.63	3740	2470	549.0	699.0	0.4770	0.011

\* = 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	4/22/2014	10.05	7026.59	7.73	4040	2680	581.0	892.0	0.5930	0.010

\* = 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	3/2/2011	0.300	± 0.1	2.0	± 0.3	0.3	± 0.6	2.3	3.1	± 0.6
	5/17/2011	0.100	± 0.1	1.7	± 0.3	1.1	± 0.6	2.8	2.4	± 0.8
	8/17/2011	0.040	± 0.1	1.1	± 0.3	0.9	± 0.8	2.0	1.1	± 0.5
	11/11/2011	0.080	± 0.1	1.9	± 0.3	0.5	± 0.5	2.4	2.3	± 0.8
	2/8/2012	0.040	± 0.1	0.8	± 0.2	1.4	± 0.9	2.2	1.3	± 0.5
	4/30/2012	0.080	± 0.1	0.7	± 0.2	0.9	± 0.7	1.6	1.6	± 0.8
	8/16/2012	0.020	± 0.0	1.3	± 0.0	0.7	± 0.0	2.0	1.1	± 0.0
	11/12/2012	0.100	± 0.0	1.1	± 0.0	1.1	± 0.0	2.2	1.0	± 0.0
	1/10/2013	0.030	± 0.1	1.2	± 0.3	1.5	± 0.6	2.7	1.1	± 0.5
	4/4/2013	0.300	± 0.2	1.2	± 0.2	0.6	± 0.9	1.8	1.0	± 0.4
	7/31/2013	0.200	± 0.1	0.8	± 0.2	2.8	± 1.0	3.6	1.8	± 0.5
	10/24/2013	0.040	± 0.2	2.1	± 0.4	3.4	± 1.3	5.5	1.8	± 0.5
	1/21/2014	0.100	± 0.1	2.4	± 0.3	1.6	± 0.8	4.0	4.0	± 0.8
	5/9/2014	0.300	± 0.1	3.0	± 0.3	1.2	± 0.7	4.2	3.9	± 0.7
MC10	3/2/2011	0.040	± 0.1	2.9	± 0.4	1.2	± 0.7	4.1	3.3	± 0.6
	5/17/2011	0.100	± 0.1	3.7	± 0.4	2.1	± 0.8	5.8	4.5	± 0.9
	8/17/2011	0.040	± 0.1	4.3	± 0.5	2.5	± 0.9	6.8	5.7	± 1.0
	11/11/2011	-0.008	± 0.1	3.2	± 0.4	4.1	± 0.7	7.3	4.9	± 1.0
	2/8/2012	0.030	± 0.1	6.4	± 0.6	2.2	± 0.8	8.6	7.1	± 1.1
	4/30/2012	0.080	± 0.1	1.9	± 0.3	1.6	± 0.7	3.5	4.9	± 1.2
	8/16/2012	0.100	± 0.0	3.7	± 0.0	1.1	± 0.0	4.8	2.6	± 0.0
	11/12/2012	0.100	± 0.0	5.1	± 0.0	2.4	± 0.0	7.5	3.8	± 0.0
	1/10/2013	0.200	± 0.1	3.7	± 0.5	1.5	± 0.6	5.2	6.1	± 1.0
	4/4/2013	0.100	± 0.1	2.4	± 0.3	0.6	± 0.9	3.0	2.5	± 0.5
	7/31/2013	0.040	± 0.1	2.3	± 0.3	1.8	± 1.0	4.1	3.6	± 0.6
	10/24/2013	0.020	± 0.1	4.3	± 0.5	2.5	± 1.2	6.8	4.4	± 0.7
	1/21/2014	0.090	± 0.1	5.5	± 0.5	2.8	± 0.8	8.3	9.8	± 1.2
	5/9/2014	0.400	± 0.1	5.3	± 0.4	2.1	± 0.8	7.4	12.8	± 1.2
MC11	3/2/2011	0.100	± 0.1	4.5	± 0.5	1.1	± 0.7	5.6	5.0	± 0.7
	5/17/2011	0.070	± 0.1	6.2	± 0.5	1.3	± 0.7	7.5	5.6	± 1.0
	8/17/2011	0.030	± 0.1	5.8	± 0.6	1.9	± 0.8	7.7	5.2	± 0.9
	11/11/2011	0.050	± 0.1	3.8	± 0.4	1.2	± 0.6	5.0	6.3	± 1.3
	2/8/2012	0.030	± 0.1	7.1	± 0.6	1.9	± 0.7	9.0	7.1	± 1.1
	4/30/2012	0.030	± 0.1	4.9	± 0.5	1.3	± 0.7	6.2	8.3	± 1.5
	8/16/2012	0.010	± 0.0	6.2	± 0.0	1.5	± 0.0	7.7	4.3	± 0.0
	11/12/2012	0.100	± 0.0	6.5	± 0.0	1.7	± 0.0	8.2	4.7	± 0.0
	1/10/2013	0.100	± 0.1	9.3	± 0.8	1.5	± 0.6	10.8	11.4	± 1.3
	4/4/2013	0.050	± 0.1	5.5	± 0.5	0.2	± 0.9	5.7	5.6	± 0.7
	7/31/2013	-0.010	± 0.1	4.6	± 0.4	2.4	± 0.9	7.0	5.5	± 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)
MC11	10/23/2013	0.060	± 0.1	5.8	± 0.6	1.2	± 1.3	7.0	3.8	± 0.7
	1/21/2014	0.100	± 0.1	10.0	± 0.7	1.6	± 0.8	11.6	11.2	± 1.3
	5/9/2014	0.070	± 0.1	8.6	± 0.5	2.1	± 0.8	10.7	12.5	± 1.2
MC14	3/2/2011	0.100	± 0.1	1.7	± 0.3	0.7	± 0.7	2.4	1.6	± 0.4
	5/17/2011	0.010	± 0.1	3.0	± 0.4	0.8	± 0.7	3.8	3.2	± 0.8
	8/17/2011	0.070	± 0.1	1.3	± 0.3	0.1	± 0.8	1.4	2.5	± 0.7
	11/11/2011	0.010	± 0.1	0.7	± 0.2	1.8	± 0.6	2.5	1.3	± 0.8
	2/8/2012	0.040	± 0.1	2.9	± 0.4	0.8	± 0.6	3.7	2.4	± 0.7
	4/30/2012	0.090	± 0.1	2.2	± 0.3	0.8	± 0.7	3.0	5.0	± 1.2
	8/16/2012	0.060	± 0.0	2.1	± 0.0	0.2	± 0.0	2.3	0.9	± 0.0
	11/12/2012	0.070	± 0.0	2.0	± 0.0	1.2	± 0.0	3.2	1.0	± 0.0
	1/10/2013	0.100	± 0.1	4.8	± 0.6	1.5	± 0.6	6.3	6.7	± 1.0
	4/4/2013	0.200	± 0.1	2.1	± 0.3	0.0	± 0.9	2.1	9.0	± 0.9
	7/31/2013	0.500	± 0.2	1.1	± 0.2	2.1	± 0.8	3.2	2.7	± 0.6
	10/23/2013	0.090	± 0.1	1.2	± 0.3	1.0	± 1.2	2.2	1.2	± 0.4
	1/21/2014	0.100	± 0.1	4.5	± 0.4	0.8	± 0.7	5.3	5.7	± 1.0
	5/9/2014	0.200	± 0.1	5.5	± 0.4	1.1	± 0.8	6.6	8.8	± 1.0
NP01	2/24/2011	0.100	± 0.1	1.3	± 0.1	2.0	± 0.1	3.3	1.8	± 0.5
	5/16/2011	0.100	± 0.1	1.3	± 0.2	1.9	± 0.6	3.2	1.3	± 0.6
	8/16/2011	0.040	± 0.1	1.0	± 0.3	1.2	± 0.8	2.2	2.2	± 0.7
	11/16/2011	0.080	± 0.1	2.3	± 0.3	2.9	± 0.6	5.2	4.9	± 1.0
	1/17/2012	0.020	± 0.2	2.5	± 0.3	1.2	± 0.7	3.7	5.2	± 1.1
	5/2/2012	0.100	± 0.1	0.6	± 0.2	1.7	± 0.8	2.3	1.8	± 0.8
	8/8/2012	0.100	± 0.0	1.7	± 0.0	3.0	± 0.0	4.7	4.9	± 0.0
	11/12/2012	0.300	± 0.0	3.4	± 0.0	1.3	± 0.0	4.7	6.0	± 0.0
	1/9/2013	0.090	± 0.1	1.3	± 0.3	1.6	± 0.6	2.9	3.0	± 0.8
	4/2/2013	0.020	± 0.1	2.0	± 0.3	1.4	± 0.8	3.4	2.9	± 0.7
	7/25/2013	0.300	± 0.2	1.6	± 0.3	0.8	± 1.0	2.4	0.3	± 0.4
	10/23/2013	0.060	± 0.1	0.8	± 0.3	0.9	± 1.1	1.7	1.6	± 0.5
	1/13/2014	0.100	± 0.1	0.9	± 0.2	1.6	± 0.7	2.5	1.8	± 0.0
	4/24/2014	0.040	± 0.1	1.7	± 0.3	0.6	± 0.7	2.3	0.7	± 0.4
P-6	3/2/2011	1.100	± 0.3	5.3	± 0.6	1.7	± 0.4	7.0	6.5	± 0.8
	5/17/2011	0.600	± 0.2	2.8	± 0.3	2.2	± 0.6	5.0	4.9	± 1.0
	8/17/2011	0.200	± 0.1	4.3	± 0.5	1.1	± 0.8	5.4	6.1	± 1.0
	11/11/2011	0.400	± 0.2	3.7	± 0.4	3.6	± 0.7	7.3	4.7	± 1.0
	2/8/2012	0.400	± 0.2	4.3	± 0.4	2.2	± 0.6	6.5	7.7	± 1.1
	4/30/2012	0.500	± 0.2	2.5	± 0.3	1.7	± 0.7	4.2	6.3	± 1.4
	8/16/2012	0.500	± 0.0	3.9	± 0.0	1.7	± 0.0	5.6	1.8	± 0.0
	11/12/2012	0.700	± 0.0	2.0	± 0.0	1.4	± 0.0	3.4	2.5	± 0.0

**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	1/10/2013	2.000	± 0.5	5.4	± 0.6	2.2	± 0.8	7.6	8.5	± 1.2
	4/4/2013	2.000	± 0.5	2.3	± 0.3	0.9	± 0.9	3.2	1.8	± 0.4
	7/31/2013	0.900	± 0.3	1.7	± 0.3	2.1	± 0.9	3.8	4.0	± 0.6
	10/24/2013	0.500	± 0.2	3.9	± 0.5	3.1	± 1.2	7.0	3.4	± 0.6
	1/21/2014	0.800	± 0.2	4.2	± 0.4	0.6	± 0.6	4.8	0.3	± 0.3
	5/9/2014	1.900	± 0.4	5.0	± 0.4	1.4	± 0.7	6.4	0.4	± 0.4
RPI-8A	2/25/2011	0.050	± 0.1	0.1	± 0.1	0.6	± 0.1	0.7	0.3	± 0.3
	5/5/2011	0.010	± 0.1	0.3	± 0.2	0.9	± 0.7	1.2	0.4	± 0.6
	8/11/2011	0.020	± 0.1	0.6	± 0.1	0.0	± 0.8	0.5	1.3	± 0.5
	11/9/2011	0.005	± 0.1	0.7	± 0.2	0.8	± 0.6	1.5	0.8	± 0.3
	1/10/2012	0.080	± 0.1	0.9	± 0.2	2.1	± 1.0	3.0	1.6	± 0.5
	5/1/2012	0.005	± 0.1	0.4	± 0.2	1.1	± 0.8	1.5	1.2	± 0.7
	8/7/2012	0.060	± 0.1	3.7	± 0.3	1.3	± 1.2	5.0	4.9	± 0.8
	11/7/2012	0.004	± 0.1	6.6	± 0.7	0.4	± 1.2	7.0	5.8	± 0.7
	1/7/2013	-0.020	± 0.1	1.2	± 0.2	1.8	± 0.7	3.0	1.0	± 0.4
	4/3/2013	0.040	± 0.1	0.8	± 0.2	0.8	± 1.2	1.6	0.8	± 0.5
	7/24/2013	0.050	± 0.1	0.8	± 0.2	0.3	± 0.9	1.1	1.7	± 0.5
	10/22/2013	0.050	± 0.1	0.8	± 0.2	1.6	± 0.7	2.4	1.3	± 0.7
	1/8/2014	0.020	± 0.1	0.8	± 0.2	2.0	± 0.7	2.8	1.2	± 0.0
	4/22/2014	0.040	± 0.1	0.4	± 0.1	0.8	± 0.9	1.2	1.7	± 0.6
RPI-10	2/24/2011	0.060	± 0.1	2.3	± 0.3	2.0	± 0.7	4.3	2.8	± 0.6
	5/5/2011	0.300	± 0.1	1.1	± 0.3	2.9	± 0.8	4.0	2.3	± 0.8
	8/16/2011	0.070	± 0.1	3.3	± 0.4	2.0	± 0.7	5.3	6.3	± 1.0
	11/14/2011	0.020	± 0.1	1.5	± 0.3	2.6	± 0.7	4.1	2.0	± 0.7
	1/10/2012	0.400	± 0.2	0.9	± 0.2	3.0	± 0.9	3.9	2.0	± 0.5
	5/1/2012	0.060	± 0.1	0.4	± 0.2	2.4	± 0.8	2.8	1.6	± 0.8
	8/7/2012	0.006	± 0.0	1.0	± 0.0	4.2	± 0.0	5.2	4.0	± 0.0
	11/7/2012	0.040	± 0.0	1.3	± 0.0	3.3	± 0.0	4.6	1.4	± 0.0
	1/7/2013	0.020	± 0.1	0.9	± 0.2	3.3	± 0.9	4.2	0.6	± 0.3
	4/3/2013	0.100	± 0.1	1.6	± 0.3	3.3	± 1.0	4.9	4.6	± 0.9
	7/24/2013	0.050	± 0.1	1.4	± 0.3	2.5	± 0.9	3.9	3.9	± 0.8
	10/22/2013	0.060	± 0.1	1.5	± 0.3	2.4	± 0.7	3.9	5.3	± 1.2
	1/9/2014	0.030	± 0.1	1.1	± 0.2	3.3	± 1.2	4.4	0.1	± 0.0
	4/24/2014	0.100	± 0.1	1.7	± 0.3	2.7	± 0.8	4.4	-0.4	± 0.2
RPI-14	2/24/2011	0.100	± 0.1	0.7	± 0.2	1.5	± 0.7	2.2	1.0	± 0.4
	5/16/2011	0.050	± 0.1	0.4	± 0.2	1.1	± 0.6	1.5	0.5	± 0.5
	8/16/2011	0.001	± 0.1	1.3	± 0.3	1.6	± 0.7	2.9	2.6	± 0.7
	11/14/2011	0.050	± 0.1	0.5	± 0.2	4.7	± 0.7	5.2	1.0	± 0.6
	1/10/2012	0.100	± 0.1	0.4	± 0.1	1.5	± 0.7	1.9	1.6	± 0.5

**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	5/1/2012	0.050	± 0.1	0.2	± 0.1	0.5	± 0.7	0.7	0.5	± 0.6
	8/7/2012	-0.004	± 0.0	0.4	± 0.0	1.4	± 0.0	1.8	2.3	± 0.0
	11/8/2012	0.100	± 0.0	0.9	± 0.0	2.1	± 0.0	3.0	0.2	± 0.0
	1/8/2013	0.070	± 0.1	0.9	± 0.3	1.5	± 0.7	2.4	1.3	± 0.6
	4/5/2013	0.100	± 0.1	0.5	± 0.2	0.6	± 0.9	1.1	0.4	± 0.3
	7/24/2013	0.100	± 0.1	0.6	± 0.2	0.9	± 0.9	1.5	2.7	± 0.7
	10/22/2013	0.020	± 0.1	0.4	± 0.2	2.0	± 0.7	2.4	1.1	± 0.7
	1/9/2014	0.100	± 0.1	0.8	± 0.2	1.7	± 0.9	2.5	1.9	± 0.0
	4/23/2014	0.010	± 0.1	1.0	± 0.2	0.8	± 0.6	1.8	4.8	± 0.9
RPI-16A	2/25/2011	0.300	± 0.2	0.8	± 0.2	0.7	± 0.6	1.5	1.1	± 0.4
	5/16/2011	0.070	± 0.1	1.1	± 0.2	1.4	± 0.6	2.5	0.8	± 0.6
	8/16/2011	0.008	± 0.1	0.8	± 0.2	0.4	± 0.6	1.2	2.0	± 0.6
	11/16/2011	0.050	± 0.1	1.1	± 0.2	0.6	± 0.5	1.7	2.1	± 0.7
	1/17/2012	0.040	± 0.1	0.6	± 0.2	0.4	± 0.7	1.0	2.0	± 0.7
	5/2/2012	0.020	± 0.1	0.3	± 0.1	1.1	± 0.8	1.4	0.9	± 0.7
	8/8/2012	0.100	± 0.0	0.1	± 0.0	0.5	± 0.0	0.6	1.4	± 0.0
	11/8/2012	0.010	± 0.0	1.7	± 0.0	0.8	± 0.0	2.5	1.4	± 0.0
	1/8/2013	0.040	± 0.1	1.2	± 0.3	1.0	± 0.6	2.2	1.4	± 0.6
	4/5/2013	0.090	± 0.1	0.6	± 0.2	0.2	± 0.9	0.8	0.4	± 0.3
	7/25/2013	0.200	± 0.2	0.7	± 0.2	-0.1	± 1.0	0.6	0.7	± 0.4
	10/23/2013	-0.020	± 0.1	0.3	± 0.2	0.6	± 1.1	0.9	0.6	± 0.4
	1/9/2014	0.030	± 0.1	0.3	± 0.1	1.7	± 0.9	2.0	1.5	± 0.0
	4/24/2014	0.060	± 0.1	0.4	± 0.2	0.5	± 0.7	0.9	0.6	± 0.4
RPI-18A	3/17/2011	0.300	± 0.1	1.4	± 0.2	1.9	± 0.9	3.3	5.7	± 1.0
	5/16/2011	0.040	± 0.1	0.4	± 0.2	0.5	± 0.5	0.9	0.2	± 0.5
	8/16/2011	0.060	± 0.1	0.7	± 0.2	0.0	± 0.8	0.7	1.7	± 0.6
	11/14/2011	0.030	± 0.1	4.1	± 0.4	1.2	± 0.6	5.3	4.7	± 1.0
	1/17/2012	0.100	± 0.1	1.4	± 0.3	0.9	± 0.7	2.3	1.7	± 0.7
	5/7/2012	0.030	± 0.1	0.8	± 0.2	1.0	± 0.6	1.8	3.1	± 1.1
	8/8/2012	0.040	± 0.0	0.0	± 0.0	1.3	± 0.0	1.3	1.8	± 0.0
	11/8/2012	0.001	± 0.0	0.5	± 0.0	0.9	± 0.0	1.4	0.2	± 0.0
	1/9/2013	0.050	± 0.1	0.8	± 0.3	1.1	± 0.6	1.9	1.5	± 0.6
	5/6/2013	0.050	± 0.1	2.1	± 0.3	-0.7	± 0.8	1.4	4.1	± 0.7
	7/25/2013	0.200	± 0.2	0.6	± 0.2	0.6	± 0.9	1.2	0.6	± 0.4
	10/23/2013	-0.020	± 0.1	0.3	± 0.2	0.4	± 1.2	0.7	0.8	± 0.4
	1/13/2014	0.009	± 0.1	0.3	± 0.1	0.8	± 0.8	1.1	0.7	± 0.0
	4/24/2014	-0.003	± 0.1	1.1	± 0.2	0.8	± 0.6	1.9	5.0	± 0.8
RPI-19B	2/24/2011	0.300	± 0.2	1.5	± 0.2	0.4	± 0.6	1.9	1.3	± 0.4
	5/16/2011	0.030	± 0.1	0.4	± 0.2	1.0	± 0.6	1.4	1.2	± 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-19B	8/16/2011	0.030	± 0.1	3.5	± 0.4	0.0	± 0.6	3.5	3.7	± 0.8
	11/16/2011	0.070	± 0.1	0.2	± 0.1	0.9	± 0.7	1.1	1.1	± 0.6
	1/10/2012	0.070	± 0.1	1.8	± 0.3	1.5	± 0.9	3.3	2.9	± 0.6
	5/2/2012	0.090	± 0.1	0.3	± 0.1	0.3	± 0.8	0.6	0.8	± 0.7
	8/8/2012	0.030	± 0.0	0.4	± 0.0	0.4	± 0.0	0.8	1.9	± 0.0
	11/7/2012	0.100	± 0.0	0.9	± 0.0	0.0	± 0.0	0.9	0.8	± 0.0
	1/7/2013	0.300	± 0.1	0.1	± 0.1	0.7	± 0.7	0.8	0.3	± 0.3
	4/3/2013	0.200	± 0.1	0.6	± 0.2	0.5	± 1.0	1.1	1.5	± 0.6
	7/24/2013	0.100	± 0.1	0.6	± 0.2	0.7	± 0.8	1.3	1.3	± 0.5
	10/22/2013	0.020	± 0.1	0.3	± 0.2	1.3	± 0.7	1.6	0.6	± 0.6
	1/9/2014	0.100	± 0.1	0.3	± 0.1	1.3	± 0.9	1.6	0.7	± 0.0
	4/23/2014	0.100	± 0.1	1.7	± 0.2	0.4	± 0.6	2.1	8.7	± 1.1
RPI-20A	2/24/2011	0.050	± 0.1	0.9	± 0.2	1.4	± 0.7	2.3	0.4	± 0.3
	5/5/2011	0.020	± 0.1	0.3	± 0.2	2.1	± 0.8	2.4	0.9	± 0.6
	8/11/2011	0.070	± 0.1	5.6	± 0.4	1.4	± 0.7	7.0	4.9	± 0.9
	11/9/2011	0.050	± 0.1	1.4	± 0.2	2.0	± 0.7	3.4	1.2	± 0.4
	1/10/2012	0.030	± 0.1	0.6	± 0.2	2.1	± 0.8	2.7	2.1	± 0.5
	5/2/2012	0.020	± 0.1	0.3	± 0.1	1.8	± 0.8	2.1	2.6	± 0.9
	8/8/2012	0.003	± 0.1	1.9	± 0.2	2.0	± 1.2	3.9	4.6	± 0.8
	11/8/2012	0.080	± 0.1	1.1	± 0.2	2.2	± 0.8	3.3	0.9	± 0.3
	1/8/2013	0.009	± 0.1	0.7	± 0.3	2.0	± 0.7	2.7	1.8	± 0.6
	4/5/2013	0.100	± 0.1	0.6	± 0.2	0.5	± 0.9	1.1	0.7	± 0.3
	10/22/2013	0.010	± 0.1	0.5	± 0.2	1.9	± 0.7	2.4	2.0	± 0.9
	1/9/2014	0.006	± 0.1	0.5	± 0.2	1.9	± 0.9	2.4	1.1	± 0.0
	4/23/2014	0.050	± 0.1	0.9	± 0.2	1.2	± 0.6	2.1	1.4	± 0.6
RPI-21B	2/25/2011	0.040	± 0.1	1.1	± 0.2	2.4	± 0.7	3.5	1.5	± 0.4
	5/5/2011	-0.010	± 0.1	1.4	± 0.3	3.9	± 0.9	5.3	1.5	± 0.7
	8/11/2011	0.060	± 0.1	1.2	± 0.2	1.4	± 0.9	2.6	1.4	± 0.6
	11/9/2011	0.060	± 0.1	7.1	± 0.5	3.1	± 0.8	10.2	6.8	± 0.8
	1/10/2012	1.900	± 0.5	1.2	± 0.2	2.2	± 0.7	3.4	2.9	± 0.6
	5/1/2012	0.020	± 0.1	1.2	± 0.2	2.4	± 0.8	3.6	3.3	± 1.0
	8/7/2012	0.060	± 0.1	1.1	± 0.2	2.3	± 1.1	3.4	4.2	± 0.8
	11/7/2012	0.010	± 0.1	2.1	± 0.4	2.0	± 1.4	4.1	2.0	± 0.4
	1/7/2013	0.060	± 0.1	2.1	± 0.3	3.1	± 0.7	5.2	1.7	± 0.4
	4/3/2013	0.200	± 0.1	1.9	± 0.3	2.0	± 1.0	3.9	5.3	± 0.9
	7/24/2013	0.100	± 0.1	5.6	± 0.5	4.0	± 1.0	9.6	8.5	± 1.1
	10/22/2013	0.020	± 0.1	2.1	± 0.3	3.3	± 0.8	5.4	4.3	± 1.1
	1/8/2014	-0.002	± 0.1	2.2	± 0.3	3.4	± 0.8	5.6	4.7	± 0.0
	4/22/2014	0.070	± 0.1	1.5	± 0.2	2.7	± 0.9	4.2	4.7	± 0.9



**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	3/2/2011	0.001	< 0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.4
	5/17/2011	0.002	0.20	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.9
	8/17/2011	0.002	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.0
	11/11/2011	0.005	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.3
	2/8/2012	0.002	0.06	< 0.001	< 0.001	< 0.01	0.006	< 0.01	< 0.001	2.1
	4/30/2012	0.002	0.08	< 0.001	< 0.001	< 0.01	0.004	< 0.01	< 0.001	1.4
	8/16/2012	0.002	0.12	< 0.001	< 0.001	< 0.01	0.003	< 0.01	< 0.001	1.8
	11/12/2012	0.001	0.08	< 0.001	< 0.001	< 0.01	0.004	< 0.01	< 0.001	1.5
	1/10/2013	0.002	0.07	< 0.001	< 0.001	< 0.01	0.004	< 0.01	< 0.001	3.3
	4/4/2013	0.002	0.07	< 0.001	< 0.001	< 0.01	0.004	< 0.01	< 0.001	1.5
	7/31/2013	0.002	0.12	< 0.001	< 0.001	< 0.01	0.003	0.01	< 0.001	1.9
	10/24/2013	0.002	0.17	< 0.001	< 0.001	< 0.01	0.002	< 0.01	< 0.001	2.2
	1/21/2014	0.003	0.16	< 0.001	< 0.001	< 0.01	0.002	< 0.01	< 0.001	2.6
	5/9/2014	0.002	0.18	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	2.8
MC10	3/2/2011	0.002	0.40	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.8
	5/17/2011	< 0.001	0.70	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.9
	8/17/2011	0.001	0.40	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.5
	11/11/2011	0.001	0.50	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.7
	2/8/2012	< 0.001	0.44	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	2.2
	4/30/2012	0.001	0.35	< 0.001	< 0.001	< 0.01	0.004	< 0.01	< 0.001	2.4
	8/16/2012	0.001	0.32	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	2.2
	11/12/2012	0.001	0.27	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	1.6
	1/10/2013	0.002	0.22	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	1.4
	4/4/2013	0.003	0.24	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	1.3
	7/31/2013	0.003	0.23	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	1.5
	10/24/2013	0.002	0.21	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	1.0
	1/21/2014	0.003	0.21	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	1.2
	5/9/2014	0.002	0.23	< 0.001	0.001	< 0.01	< 0.001	< 0.01	< 0.001	1.3
MC11	3/2/2011	0.002	0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/17/2011	0.001	0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	8/17/2011	0.002	0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	11/11/2011	0.002	0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	2/8/2012	0.001	0.12	< 0.001	0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	4/30/2012	0.002	0.12	< 0.001	< 0.001	< 0.01	0.005	< 0.01	< 0.001	< 0.1
	8/16/2012	0.002	0.14	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	11/12/2012	0.003	0.13	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	1/10/2013	0.002	0.13	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	4/4/2013	0.002	0.13	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	7/31/2013	0.002	0.12	< 0.001	0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.5

**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	10/23/2013	0.002	0.11	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	1/21/2014	0.002	0.12	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	5/9/2014	0.001	0.16	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
MC14	3/2/2011	0.003	< 0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.1
	5/17/2011	0.002	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	8/17/2011	0.005	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	11/11/2011	0.003	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	2/8/2012	0.002	0.05	< 0.001	0.004	< 0.01	< 0.001	< 0.01	< 0.001	0.2
	4/30/2012	0.002	0.05	< 0.001	0.002	< 0.01	0.008	< 0.01	< 0.001	0.2
	8/16/2012	0.003	0.06	< 0.001	< 0.001	< 0.01	0.002	< 0.01	< 0.001	0.2
	11/12/2012	0.003	0.06	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	< 0.1
	1/10/2013	0.003	0.06	< 0.001	0.001	< 0.01	0.002	< 0.01	< 0.001	0.1
	4/4/2013	0.003	0.06	< 0.001	0.002	< 0.01	0.002	< 0.01	< 0.001	< 0.1
	7/31/2013	0.004	0.06	< 0.001	< 0.001	< 0.01	0.002	< 0.01	< 0.001	< 0.5
	10/23/2013	0.002	< 0.05	< 0.001	< 0.001	< 0.01	0.002	0.01	< 0.001	0.1
	1/21/2014	0.003	0.06	< 0.001	< 0.001	< 0.01	0.002	< 0.01	< 0.001	0.1
	5/9/2014	0.002	0.08	< 0.001	0.003	< 0.01	0.001	< 0.01	< 0.001	< 0.1
NP01	2/24/2011	0.003	0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	9.5
	5/16/2011	0.003	0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	8.0
	8/16/2011	0.003	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	13.0
	11/16/2011	0.005	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	11.4
	1/17/2012	0.003	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	10.8
	5/2/2012	0.003	0.07	< 0.001	< 0.001	< 0.01	0.002	0.01	< 0.001	11.1
	8/8/2012	0.003	0.07	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	14.0
	11/12/2012	0.004	0.07	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	13.0
	1/9/2013	0.003	0.06	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	12.0
	4/2/2013	0.003	0.07	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	10.0
	7/25/2013	0.009	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	11.0
	10/23/2013	0.006	0.06	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	10.0
	1/13/2014	0.006	0.11	< 0.001	< 0.001	0.01	< 0.001	0.01	< 0.001	8.0
	4/24/2014	0.002	0.05	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	1.7
P-6	3/2/2011	0.007	0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	3.8
	5/17/2011	0.002	0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.5
	8/17/2011	0.008	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	0.001	2.5
	11/11/2011	0.006	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	5.5
	2/8/2012	0.004	0.10	< 0.001	0.002	< 0.01	< 0.001	0.01	< 0.001	6.0
	4/30/2012	0.008	0.09	< 0.001	0.002	0.01	0.003	0.06	0.001	5.4
	8/16/2012	0.028	0.08	< 0.001	0.002	< 0.01	0.001	0.09	0.004	3.8
	11/12/2012	0.005	0.10	< 0.001	0.002	< 0.01	< 0.001	0.03	< 0.001	3.0

**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)
P-6	1/10/2013	0.005	0.08	< 0.001	0.002	< 0.01	0.001	0.02	0.001	3.0
	4/4/2013	0.007	0.09	< 0.001	0.002	0.02	< 0.001	0.05	0.002	2.4
	7/31/2013	0.005	0.09	< 0.001	0.003	< 0.01	< 0.001	0.05	0.002	1.8
	10/24/2013	0.012	0.11	< 0.001	0.002	0.01	< 0.001	0.03	< 0.001	1.4
	1/21/2014	0.016	0.10	< 0.001	0.002	0.01	< 0.001	0.03	< 0.001	1.4
	5/9/2014	0.005	0.13	< 0.001	0.003	< 0.01	< 0.001	0.04	0.002	1.0
RPI-8A	2/25/2011	0.002	< 0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.6
	5/5/2011	0.002	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.9
	8/11/2011	0.002	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.1
	11/9/2011	0.002	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.8
	1/10/2012	0.002	< 0.05	< 0.001	< 0.001	< 0.01	0.005	< 0.01	< 0.001	1.9
	5/1/2012	0.002	0.07	< 0.001	< 0.001	< 0.01	0.002	< 0.01	< 0.001	1.9
	8/7/2012	0.007	0.07	< 0.001	< 0.001	< 0.01	0.013	< 0.01	< 0.001	1.7
	11/7/2012	0.009	0.08	< 0.001	< 0.001	< 0.01	0.011	< 0.01	< 0.001	1.4
	1/7/2013	0.002	0.08	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	1.4
	4/3/2013	0.001	0.08	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	1.4
	7/24/2013	0.003	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.6
	10/22/2013	0.003	0.09	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	1.6
	1/8/2014	0.003	0.08	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	1.5
	4/22/2014	0.002	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.5
RPI-10	2/24/2011	0.002	< 0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	2.6
	5/5/2011	0.001	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.5
	8/16/2011	0.002	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.4
	11/14/2011	0.001	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.0
	1/10/2012	0.005	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.02	< 0.001	2.7
	5/1/2012	0.003	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.02	< 0.001	2.3
	8/7/2012	0.002	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	2.4
	11/7/2012	0.002	< 0.05	< 0.001	< 0.001	< 0.01	0.001	0.02	< 0.001	2.1
	1/7/2013	0.002	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.03	< 0.001	2.1
	4/3/2013	0.002	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.02	< 0.001	2.0
	7/24/2013	0.007	< 0.10	< 0.010	< 0.005	0.05	< 0.100	< 0.05	< 0.001	2.1
	10/22/2013	0.011	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	2.1
	1/9/2014	0.008	< 0.05	< 0.001	< 0.001	0.01	< 0.001	0.01	< 0.001	2.3
	4/24/2014	0.002	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.03	< 0.001	2.3
RPI-14	2/24/2011	< 0.001	< 0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.4
	5/16/2011	0.001	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.3
	8/16/2011	0.003	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.7
	11/14/2011	0.001	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	1.8
	1/10/2012	0.002	0.05	< 0.001	< 0.001	< 0.01	0.002	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-14	5/1/2012	0.001	< 0.05	< 0.001	< 0.001	< 0.01	0.001	0.01	< 0.001	1.5
	8/7/2012	0.001	0.06	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	1.0
	11/8/2012	0.002	0.07	< 0.001	< 0.001	< 0.01	0.001	0.01	< 0.001	0.7
	1/8/2013	0.001	0.07	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	0.6
	4/5/2013	0.002	0.07	< 0.001	< 0.001	< 0.01	0.001	0.01	< 0.001	0.5
	7/24/2013	0.003	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.5
	10/22/2013	0.005	0.07	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	0.3
	1/9/2014	0.004	0.07	< 0.001	< 0.001	< 0.01	0.001	0.01	< 0.001	0.3
	4/23/2014	0.002	0.05	< 0.001	< 0.001	< 0.01	0.002	0.01	< 0.001	0.3
RPI-16A	2/25/2011	0.003	< 0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	4.7
	5/16/2011	0.004	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.3
	8/16/2011	0.004	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	5.1
	11/16/2011	0.003	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.9
	1/17/2012	0.004	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.9
	5/2/2012	0.004	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	5.3
	8/8/2012	0.004	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	5.9
	11/8/2012	0.007	< 0.05	< 0.001	< 0.001	< 0.01	0.001	0.01	< 0.001	5.4
	1/8/2013	0.005	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	4.9
	4/5/2013	0.006	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	5.3
	7/25/2013	0.006	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	4.9
	10/23/2013	0.006	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	4.8
	1/9/2014	0.006	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	5.1
	4/24/2014	0.003	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	5.9
RPI-18A	3/17/2011	0.002	< 0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/16/2011	0.005	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	8/16/2011	0.006	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	11/14/2011	0.008	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	1/17/2012	0.006	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	5/7/2012	0.001	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
	8/8/2012	0.002	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
	11/8/2012	0.001	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
	1/9/2013	0.001	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
	5/6/2013	0.001	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.02	< 0.001	< 0.1
	7/25/2013	0.003	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.2
	10/23/2013	0.006	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
	1/13/2014	0.003	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
	4/24/2014	0.001	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
RPI-19B	2/24/2011	0.002	< 0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	0.3
	5/16/2011	0.002	0.10	< 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	8/16/2011	0.008	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	11/16/2011	0.001	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	1/10/2012	0.006	0.06	< 0.001	< 0.001	< 0.01	0.003	0.01	< 0.001	0.2
	5/2/2012	0.001	0.08	< 0.001	< 0.001	< 0.01	0.001	0.02	< 0.001	< 0.1
	8/8/2012	0.001	0.07	< 0.001	0.001	< 0.01	0.002	0.01	< 0.001	< 0.1
	11/7/2012	0.004	0.05	< 0.001	< 0.001	< 0.01	0.003	0.01	< 0.001	0.2
	1/7/2013	0.002	0.06	< 0.001	< 0.001	< 0.01	0.002	0.02	< 0.001	0.8
	4/3/2013	0.002	0.08	< 0.001	< 0.001	< 0.01	0.001	0.01	< 0.001	0.8
	7/24/2013	0.009	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.2
	10/22/2013	0.005	0.05	< 0.001	< 0.001	< 0.01	0.002	0.01	< 0.001	0.4
	1/9/2014	0.004	0.07	< 0.001	< 0.001	< 0.01	0.002	0.01	< 0.001	0.6
	4/23/2014	0.002	0.10	< 0.001	0.001	< 0.01	0.002	0.02	< 0.001	0.1
RPI-20A	2/24/2011	0.009	< 0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	< 0.1
	5/5/2011	0.009	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	0.1
	8/11/2011	0.014	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	11/9/2011	0.007	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	< 0.1
	1/10/2012	0.027	0.38	< 0.001	0.002	< 0.01	0.005	0.07	< 0.001	< 0.1
	5/2/2012	0.006	0.06	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
	8/8/2012	0.018	0.06	< 0.001	< 0.001	< 0.01	0.004	0.01	< 0.001	< 0.1
	11/8/2012	0.010	0.05	< 0.001	< 0.001	< 0.01	0.001	0.01	< 0.001	< 0.1
	1/8/2013	0.008	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	4/5/2013	0.008	0.05	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
	10/22/2013	0.013	0.05	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	1/9/2014	0.010	< 0.05	< 0.001	< 0.001	< 0.01	< 0.001	< 0.01	< 0.001	< 0.1
	4/23/2014	0.007	0.06	< 0.001	< 0.001	< 0.01	< 0.001	0.01	< 0.001	< 0.1
RPI-21B	2/25/2011	0.002	0.10	< 0.010	< 0.010	< 0.05	< 0.100	< 0.05	< 0.050	1.7
	5/5/2011	0.002	0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.1
	8/11/2011	0.002	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	7.5
	11/9/2011	0.009	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	3.0
	1/10/2012	0.002	0.10	< 0.001	< 0.001	< 0.01	0.004	0.01	< 0.001	2.6
	5/1/2012	0.002	0.09	< 0.001	< 0.001	< 0.01	0.003	0.01	< 0.001	3.4
	8/7/2012	0.002	0.09	< 0.001	0.001	< 0.01	0.002	< 0.01	< 0.001	2.9
	11/7/2012	0.002	0.09	< 0.001	< 0.001	< 0.01	0.003	0.01	< 0.001	2.6
	1/7/2013	0.004	0.09	< 0.001	< 0.001	< 0.01	0.002	0.01	< 0.001	2.8
	4/3/2013	0.002	0.08	< 0.001	< 0.001	< 0.01	0.001	< 0.01	< 0.001	2.7
	7/24/2013	0.028	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.9
	10/22/2013	0.005	0.08	< 0.001	< 0.001	< 0.01	0.002	< 0.01	< 0.001	2.6
	1/8/2014	0.004	0.09	< 0.001	< 0.001	< 0.01	0.001	0.01	< 0.001	2.8
	4/22/2014	0.003	< 0.10	< 0.010	< 0.005	< 0.05	< 0.100	< 0.05	< 0.001	2.6

**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)
POE-DS	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
	8/6/2012	6.96	144	210	16	4.0	0.0190	< 0.001	< 0.1
	11/5/2012	7.91	175	244	19	8.0	0.0222	0.001	0.3
	1/4/2013	7.63	312	264	19	8.0	0.0300	0.002	0.5
	4/2/2013	8.06	410	291	25	16.0	0.0278	< 0.001	0.2
	8/5/2013	8.64	280	201	13	4.0	0.0190	< 0.001	< 0.1
	10/21/2013	7.90	346	235	18	11.0	0.0205	< 0.001	0.1
	1/28/2014	8.07	387	250	20	10.0	0.0213	< 0.001	0.4
	4/21/2014	8.34	401	275	50	22.0	0.0412	0.006	0.1
SC1	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
	8/6/2012	7.02	150	219	18	4.0	0.0211	< 0.001	< 0.1
	11/5/2012	7.96	176	249	16	7.0	0.0209	0.001	0.4
	1/4/2013	7.67	294	253	20	8.0	0.0212	0.001	0.6
	4/2/2013	8.10	417	290	23	15.0	0.0269	< 0.001	0.1
	8/5/2013	8.65	283	205	15	4.0	0.0186	< 0.001	< 0.5
	10/21/2013	8.02	330	228	17	10.0	0.0212	< 0.001	0.2
	1/28/2014	8.16	450	248	18	9.0	0.0207	0.001	0.5
	4/21/2014	8.32	407	275	49	22.0	0.0423	0.009	0.1
SC2	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
	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
	8/6/2012	7.06	145	215	14	4.0	0.0196	< 0.001	< 0.1
	11/5/2012	7.97	171	247	21	7.0	0.0219	0.001	0.4
	1/4/2013	7.61	200	263	20	7.0	0.0203	0.001	0.7
	4/2/2013	8.16	425	291	24	15.0	0.0262	< 0.001	< 0.1
	8/5/2013	8.62	290	209	16	4.0	0.0198	0.001	< 0.5

**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	10/21/2013	8.10	335	230	17	10.0	0.0207	< 0.001	0.1
	1/28/2014	8.11	390	245	18	9.0	0.0202	0.001	0.5
	4/21/2014	8.35	404	278	48	22.0	0.0399	0.008	0.1
SW-1A	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
	8/6/2012	7.65	142	219	18	3.0	0.0265	0.001	0.4
	11/5/2012	8.24	158	219	15	2.0	0.0192	0.001	0.5
	1/4/2013	7.70	267	233	15	4.0	0.0219	0.001	0.6
	4/2/2013	8.38	292	220	12	2.0	0.0311	0.002	0.2
	8/5/2013	8.79	321	206	16	2.0	0.0225	0.002	0.6
	10/21/2013	7.94	300	201	12	3.0	0.0168	< 0.001	0.4
	1/28/2014	8.44	417	205	12	2.0	0.0175	< 0.001	0.6
	4/21/2014	8.33	310	213	29	7.0	0.0352	0.019	0.3
WEIR 2	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
	8/6/2012	6.91	172	220	14	4.0	0.0204	< 0.001	< 0.1
	11/5/2012	7.97	276	246	19	7.0	0.0214	0.001	0.4
	1/4/2013	7.43	296	252	19	10.0	0.0209	< 0.001	0.6
	4/2/2013	8.10	402	280	20	13.0	0.0241	< 0.001	0.3
	8/5/2013	8.57	301	210	16	4.0	0.0186	< 0.001	< 0.5
	10/21/2013	8.18	393	230	17	10.0	0.0207	< 0.001	0.2
	1/28/2014	8.18	393	245	18	9.0	0.0211	0.001	0.5
	4/21/2014	8.29	370	251	42	17.0	0.0318	0.011	0.2

**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	2/25/2011	0.060	± 0.08	0.6	± 0.2	0.6	± 0.8	1.2	0.7	± 0.3
	5/4/2011	0.030	± 0.08	0.1	± 0.1	-0.3	± 0.6	-0.2	0.8	± 0.6
	8/11/2011	0.010	± 0.09	0.6	± 0.1	-0.5	± 0.7	0.1	0.9	± 0.5
	11/8/2011	0.040	± 0.08	4.8	± 0.4	1.4	± 0.7	6.2	5.3	± 0.7
	1/25/2012	0.050	± 0.07	0.5	± 0.2	0.2	± 0.7	0.7	0.7	± 0.6
	4/27/2012	0.060	± 0.08	0.3	± 0.1	0.7	± 0.6	1.0	0.4	± 0.2
	8/6/2012	0.080	± 0.00	0.2	± 0.0	1.5	± 0.0	1.7	0.7	± 0.0
	11/5/2012	0.020	± 0.00	0.2	± 0.0	0.2	± 0.0	0.4	0.5	± 0.0
	1/4/2013	0.200	± 0.10	0.7	± 0.2	1.3	± 0.7	2.0	0.5	± 0.3
	4/2/2013	0.030	± 0.08	0.5	± 0.2	-0.1	± 0.9	0.4	0.7	± 0.5
	8/5/2013	0.100	± 0.20	0.4	± 0.2	1.7	± 1.0	2.1	1.0	± 0.4
	10/21/2013	0.010	± 0.10	0.1	± 0.1	0.6	± 0.7	0.7	-0.2	± 0.5
	1/28/2014	-0.008	± 0.02	0.3	± 0.1	1.0	± 0.8	1.3	0.8	± 0.0
	4/21/2014	-0.003	± 0.06	0.5	± 0.1	0.8	± 0.8	1.3	0.5	± 0.4
SC1	3/17/2011	0.090	± 0.09	0.7	± 0.2	0.8	± 0.8	1.5	1.3	± 0.5
	5/4/2011	0.050	± 0.09	0.1	± 0.1	0.1	± 0.5	0.2	0.2	± 0.5
	8/11/2011	-0.008	± 0.10	0.9	± 0.2	0.1	± 0.6	1.0	0.6	± 0.5
	11/8/2011	0.060	± 0.10	0.6	± 0.2	0.9	± 0.6	1.5	0.7	± 0.3
	1/25/2012	0.020	± 0.05	0.1	± 0.1	0.5	± 0.8	0.6	0.8	± 0.6
	4/27/2012	0.080	± 0.09	0.4	± 0.2	0.5	± 0.6	0.9	0.0	± 0.1
	8/6/2012	0.030	± 0.10	0.2	± 0.1	0.7	± 1.0	0.9	0.3	± 0.3
	11/5/2012	0.040	± 0.09	0.5	± 0.2	0.0	± 1.0	0.5	0.7	± 0.3
	1/4/2013	0.090	± 0.09	0.5	± 0.2	0.8	± 0.6	1.3	0.4	± 0.3
	4/2/2013	0.100	± 0.10	0.4	± 0.1	-0.2	± 0.8	0.2	0.6	± 0.5
	8/5/2013	0.100	± 0.10	0.2	± 0.1	1.6	± 1.0	1.8	0.6	± 0.3
	10/21/2013	-0.040	± 0.08	0.4	± 0.2	0.5	± 0.6	0.9	-0.3	± 0.5
	1/28/2014	0.005	± 0.03	0.3	± 0.1	1.8	± 0.8	2.1	0.6	± 0.0
	4/21/2014	0.010	± 0.05	0.3	± 0.1	0.7	± 0.7	1.0	0.5	± 0.4
SC2	3/17/2011	0.040	± 0.09	0.6	± 0.1	0.7	± 0.8	1.3	1.7	± 0.6
	5/4/2011	-0.009	± 0.06	0.2	± 0.2	0.5	± 0.7	0.7	0.7	± 0.6
	8/11/2011	0.060	± 0.10	1.0	± 0.2	0.8	± 0.7	1.8	0.9	± 0.5
	11/8/2011	0.040	± 0.08	0.7	± 0.2	0.9	± 0.6	1.6	1.1	± 0.4
	1/25/2012	0.060	± 0.08	0.5	± 0.2	0.7	± 0.7	1.2	2.4	± 0.8
	4/27/2012	-0.004	± 0.05	0.2	± 0.1	0.3	± 0.7	0.5	0.3	± 0.2
	8/6/2012	0.030	± 0.10	-0.1	± 0.1	0.8	± 0.9	0.7	0.7	± 0.4
	11/5/2012	0.030	± 0.08	0.3	± 0.2	1.8	± 1.3	2.1	0.4	± 0.3
	1/4/2013	-0.004	± 0.05	0.4	± 0.2	1.0	± 0.6	1.4	0.2	± 0.3
	4/2/2013	0.100	± 0.10	0.5	± 0.2	0.0	± 1.0	0.5	0.7	± 0.5
	8/5/2013	0.080	± 0.10	0.3	± 0.1	1.4	± 1.0	1.7	0.7	± 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)
SC2	10/21/2013	0.020	± 0.20	0.1	± 0.1	0.8	± 0.7	0.9	0.0	± 0.6
	1/28/2014	0.010	± 0.03	0.3	± 0.1	1.1	± 0.8	1.4	0.5	± 0.0
	4/21/2014	-0.003	± 0.07	0.6	± 0.2	0.3	± 0.7	0.9	0.6	± 0.4
SW-1A	5/3/2011	0.040	± 0.08	0.2	± 0.1	0.1	± 0.6	0.3	1.0	± 0.7
	8/9/2011	0.090	± 0.10	-0.1	± 0.1	2.6	± 0.8	2.5	0.2	± 0.4
	11/8/2011	0.070	± 0.10	0.2	± 0.1	0.7	± 0.6	0.9	0.4	± 0.3
	2/8/2012	0.050	± 0.08	0.3	± 0.1	0.5	± 0.6	0.8	-0.4	± 0.3
	4/27/2012	0.050	± 0.09	0.4	± 0.2	0.5	± 0.6	0.9	0.3	± 0.2
	8/6/2012	0.070	± 0.09	0.3	± 0.1	0.7	± 1.0	1.0	0.5	± 0.4
	11/5/2012	0.006	± 0.00	0.2	± 0.0	0.2	± 0.0	0.4	0.3	± 0.0
	1/4/2013	0.030	± 0.09	0.6	± 0.2	0.7	± 0.6	1.3	0.5	± 0.3
	4/2/2013	0.090	± 0.10	0.5	± 0.2	0.6	± 1.1	1.1	-0.2	± 0.3
	8/5/2013	0.040	± 0.08	0.2	± 0.1	1.0	± 0.9	1.2	0.4	± 0.3
	10/21/2013	0.020	± 0.07	0.2	± 0.2	0.3	± 0.6	0.5	0.1	± 0.6
	1/28/2014	0.030	± 0.03	0.3	± 0.1	0.9	± 0.8	1.2	0.2	± 0.0
	4/21/2014	-0.010	± 0.05	0.4	± 0.1	1.0	± 0.8	1.4	0.1	± 0.4
	5/3/2011	0.100	± 0.10	0.2	± 0.1	-0.1	± 0.6	0.1	0.9	± 0.1
	8/9/2011	0.007	± 0.10	3.4	± 0.3	0.5	± 0.7	3.9	2.8	± 0.1
	11/8/2011	0.020	± 0.09	0.3	± 0.1	1.1	± 0.6	1.4	0.3	± 0.3
WEIR 2	1/25/2012	0.060	± 0.08	0.3	± 0.2	0.7	± 0.7	1.0	0.6	± 0.6
	4/27/2012	0.040	± 0.08	0.2	± 0.1	0.6	± 0.6	0.8	0.1	± 0.1
	8/6/2012	0.070	± 0.00	0.4	± 0.0	0.4	± 0.0	0.8	0.8	± 0.0
	11/5/2012	-0.030	± 0.00	0.4	± 0.0	0.5	± 0.0	0.9	0.6	± 0.0
	1/4/2013	0.100	± 0.20	0.5	± 0.1	0.5	± 0.5	1.0	0.5	± 0.3
	4/2/2013	0.030	± 0.09	0.3	± 0.1	0.3	± 0.9	0.6	0.4	± 0.4
	8/5/2013	-0.040	± 0.07	0.3	± 0.1	0.9	± 1.0	1.2	0.5	± 0.3
	10/21/2013	0.000	± 0.08	0.2	± 0.2	0.2	± 0.6	0.4	0.3	± 0.6
	1/28/2014	0.020	± 0.05	0.3	± 0.1	1.2	± 0.8	1.5	0.7	± 0.0
	4/21/2014	0.020	± 0.07	0.2	± 0.1	0.1	± 0.7	0.3	0.4	± 0.4

**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	2/25/2011	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
	8/6/2012	0.006	0.08	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	11/5/2012	0.005	0.09	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	1/4/2013	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	4/2/2013	0.008	0.11	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	8/5/2013	0.006	0.07	< 0.001	< 0.001	< 0.005	0.001	< 0.001	0.006
	10/21/2013	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	1/28/2014	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	4/21/2014	0.004	< 0.10	< 0.001	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
SC1	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
	8/6/2012	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	11/5/2012	0.008	0.08	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	1/4/2013	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	4/2/2013	0.006	0.10	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	8/5/2013	0.012	0.07	< 0.001	< 0.001	< 0.005	0.002	< 0.001	0.005
	10/21/2013	0.007	0.08	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	1/28/2014	0.005	0.09	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	4/21/2014	0.004	< 0.10	< 0.001	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
SC2	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
	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
	8/6/2012	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	11/5/2012	0.005	0.09	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	1/4/2013	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	4/2/2013	0.006	0.10	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	8/5/2013	0.006	0.07	< 0.001	< 0.001	< 0.005	0.001	< 0.001	0.006

**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	10/21/2013	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	1/28/2014	0.005	0.10	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	4/21/2014	0.004	< 0.10	< 0.001	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050
SW-1A	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
	8/6/2012	0.005	0.07	< 0.001	< 0.001	< 0.005	0.002	< 0.001	< 0.005
	11/5/2012	0.005	0.07	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	1/4/2013	0.006	0.08	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	4/2/2013	0.006	0.07	< 0.001	< 0.001	< 0.005	0.003	< 0.001	< 0.005
	8/5/2013	0.005	0.06	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	10/21/2013	0.005	0.07	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	1/28/2014	0.005	0.07	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	4/21/2014	0.004	< 0.10	< 0.001	< 0.005	< 0.050	< 0.100	< 0.001	< 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
WEIR 2	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
	8/6/2012	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	11/5/2012	0.005	0.09	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	1/4/2013	0.005	0.09	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	4/2/2013	0.006	0.10	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	8/5/2013	0.006	0.08	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	10/21/2013	0.006	0.08	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001	< 0.005
	1/28/2014	0.005	0.09	< 0.001	< 0.001	< 0.005	0.001	< 0.001	< 0.005
	4/21/2014	0.004	< 0.10	< 0.001	< 0.005	< 0.050	< 0.100	< 0.001	< 0.050

