Chemical, Physical and Biological Characterization of Devils Lake 1995 -2013

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1.0 Introduction

The Devils Lake Basin covers approximately 2.4 million acres in northeastern North Dakota (Figure 1). The watershed is part of the Northern Glaciated Plains Level III Ecoregion and is a mix of integrated and nonintegrated drainage patterns, which are primarily represented by intermittent streams. The Devils Lake chain, consisting of several bays and East Devils Lake, is located in southern Ramsey and northern Benson counties of North Dakota.

Two primary drainages within the basin are Channel A and Big Coulee. Channel A drains the Dry Lake, Edmore, Starkweather and Sweetwater areas, while Big Coulee drains Lake Irving, Lake Alice, Chain of Lakes and Mauvais Coulee (Figure 1). Spring runoff is the major source of water, with the majority of runoff entering the system through West Bay (naturally) and Six Mile Bay (Channel A). According to the U.S. Geological Survey (USGS), about 85 percent of the water contributed to Devils Lake enters through these two sources (Vecchia, 2002). Groundwater contributes a relatively small percentage of the hydrologic budget, but its input remains relatively constant from year-to-year (Wiche and Pusc, 1994), with its effect on lake levels being approximately less than one-half foot and the dominant factors controlling lake levels are precipitation, runoff, and evaporation (Pusc, 1993).

Since water levels for Devils Lake were first recorded in 1860, there have been tremendous variations in the lake's surface elevation (Figure 2), due to the closed-basin nature of the system responding to wet and dry cycles. Currently, Devils Lake covers an area of approximately 160,000 acres, nearly four times the area recorded in 1993 of about 45,000 acres. This increase in water input to the area has also had a significant impact on wetlands. For example, there was a 426% increase in rural wetland area in Nelson County from 1992 to 2001 (Todhunter and Rundquist, 2004). This increase in water levels in the Devils Lake chain and total wetland area in surrounding counties has likely had a significant, positive impact on waterfowl and amphibian reproduction.

When water levels are elevated, Devils Lake naturally outlets to Stump Lake (at 1447 feet via the Jerusalem Outlet) and the Sheyenne River (above 1459 ft via the Tolna Coulee). In the early 2000s, Devils Lake began contributing to Stump Lake and has continued to rise to its current level of 1452.3 (as of January 17, 2014; USGS). Mean annual precipitation increased from 18.3 inches from 1950-1979 to 22.4 inches from 1980-2006 (Vecchia, 2008), likely contributing to the dramatic increase in water levels over the past twenty years (24.3 feet since 1994). The absence of a natural surface outlet at lower lake elevations and annual evaporation (30.9 inches per year from 1980-2006 [Vecchia, 2008]) frequently exceeding annual precipitation are important causes of the high total dissolved solids (TDS) concentrations and changes in nutrient concentrations.

Variations in TDS and nutrient concentrations are identified as important variables affecting water quality and aquatic biota in Devils Lake. High concentrations of TDS affect fish reproduction, fish growth, and algal blooms. Furthermore, high nutrient concentrations can result in eutrophication (nutrient-enrichment), which is evidenced by low light transparency and frequent nuisance algal blooms. These algal blooms are dominated by cyanophyta (blue-green algae) and can result in impaired water-based recreation.

2.0 Methods

Seven sites are sampled for water quality each year across the Devils Lake chain of lakes. The sites and their locations are listed in Table 1 and shown in Figure 3. In 1997, a monitoring site in southwest (SW) West Bay was added, and in 1999 one site was added in Pelican Lake. Sampling was initiated at the other five sites in 1995. At various times in the past, there were more sites sampled (e.g. Creel Bay, Southeast East Bay), but this report will address only those sites currently active in the Devils Lake sampling program.

Sites are currently sampled four times per year, once in each of the following time periods: January-March (under ice cover), May, July-August, and October. In 2013, samples were collected the following days: February 11-12, May 22-23, August 19-20, and October 21-22.

Physical, chemical, and biological variables are sampled at each site and consist of the following: chlorophyll-*a*, total and dissolved factions of ammonia as nitrogen, nitrate-nitrite as nitrogen, Kjeldahl nitrogen, nitrogen, phosphorus, total dissolved solids (TDS), major cations and anions, and trace elements. In addition, temperature, dissolved oxygen (DO), pH, and specific conductivity profiles are recorded at 1-meter depth intervals at each site.

For this project, chlorophyll-*a* is collected from the first two (2) meters of the water column utilizing an integrated water-column sampler. The remaining chemical variables are collected at the one (1) meter depth interval utilizing a Kemmerer sampler. Lastly, Secchi disk transparency is measured at each site during the open-water sampling period. Utilizing chlorophyll-α and Secchi disk transparency measurements, the trophic state of Devils Lake was characterized. All chemical results utilized in this report are provided in Appendix A.

A detailed description of the Devils Lake water quality monitoring project is provided in the Quality Assurance Project Plan (QAPP) for the Devils Lake Water Quality Monitoring Project, including a description of SOPs and QA/QC procedures and protocols (NDDoH, 2011) (Appendix B). Analytical methods and procedures used for analysis of water quality samples are described in the *North Dakota Department of Health, Division of Chemistry's Quality Assurance Plan* (NDDoH, 2013). All results are available in the EPA's STOrage and RETrieval database (STORET) and by accessing the Department's web based data portal at http://www.ndhealth.gov/WQ/SW/Z8_SWData/index.html.

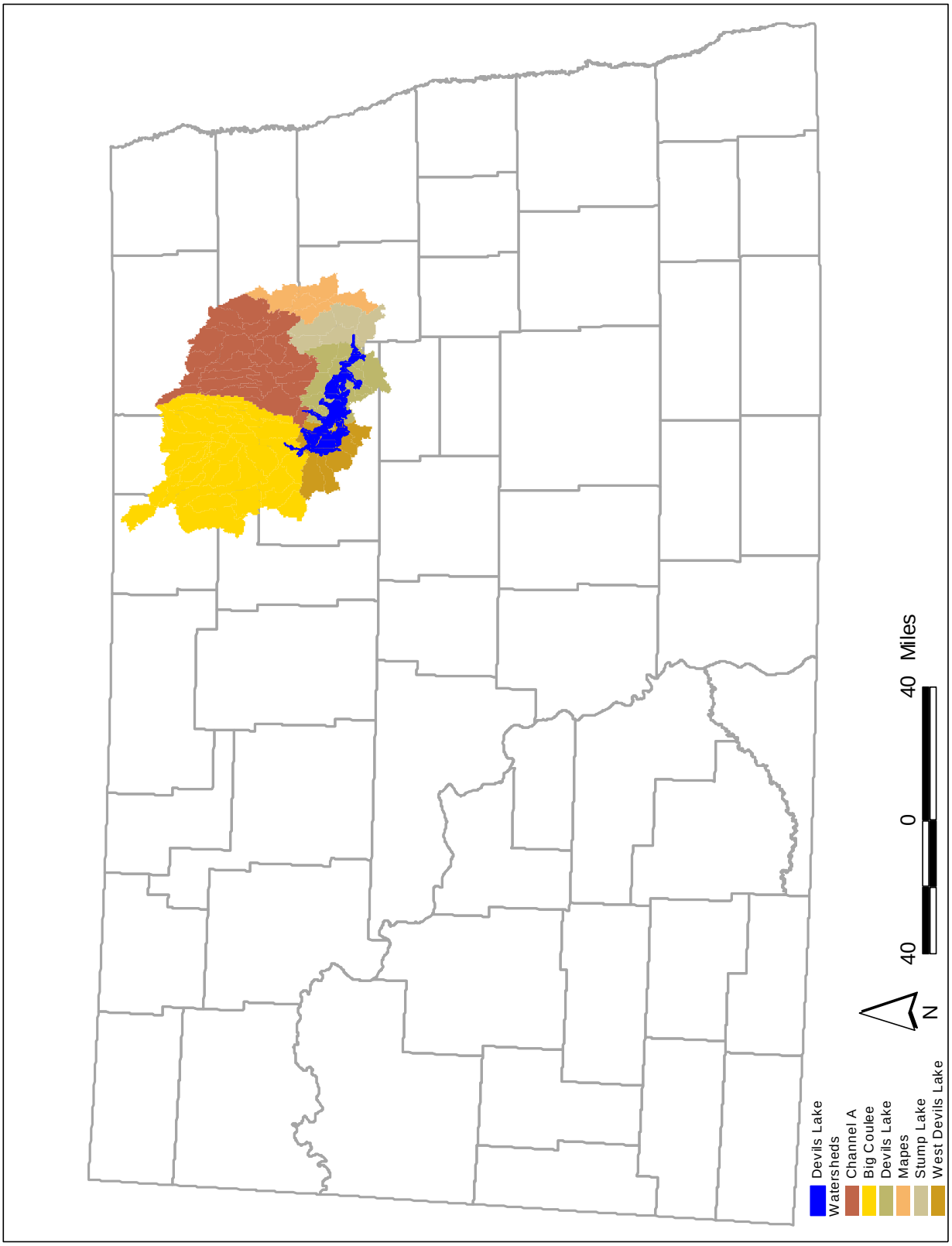

Figure 1. Major subwatersheds within the Devils Lake Basin

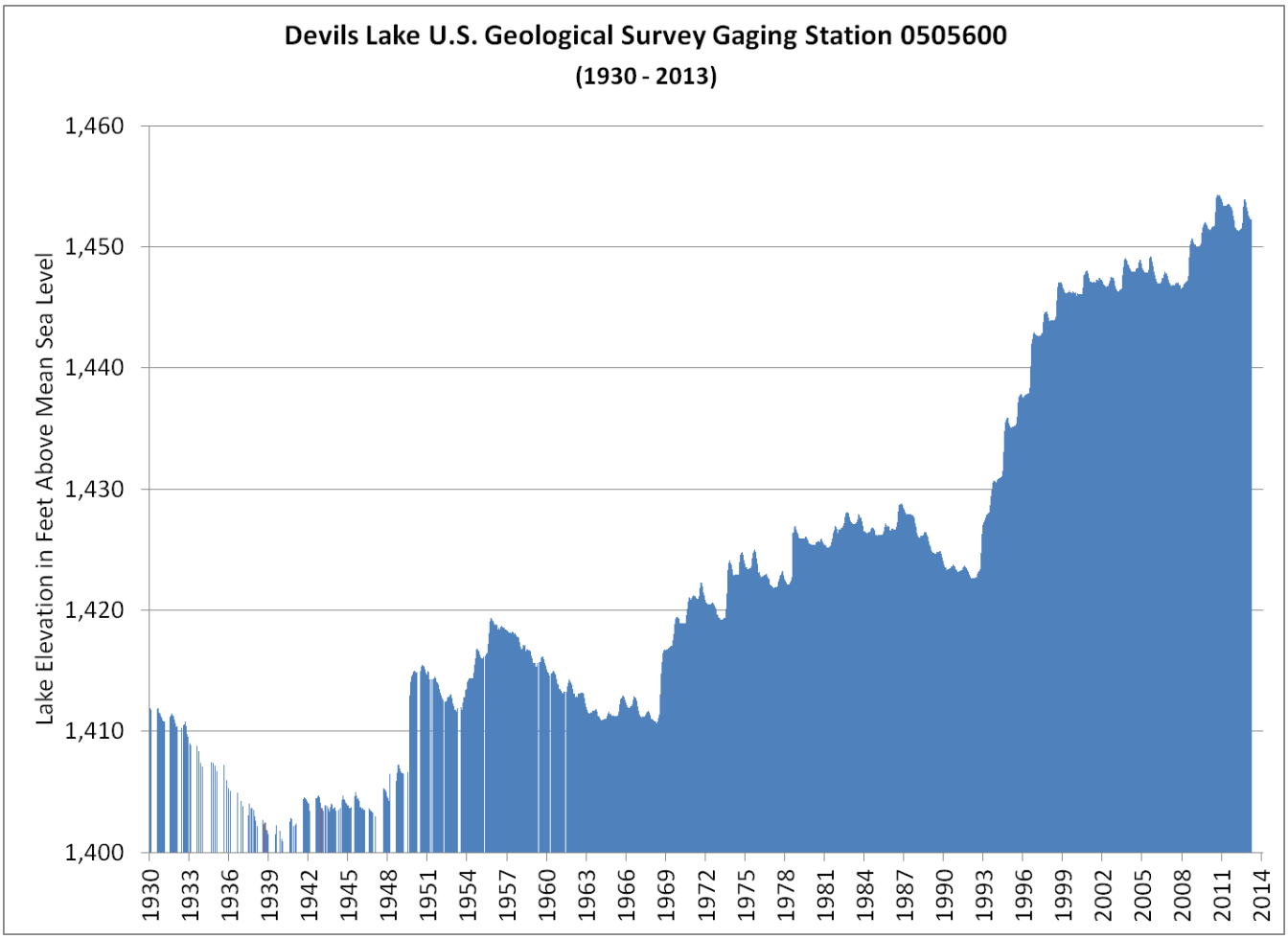

Figure 2. Average daily elevation of Devils Lake at USGS Station 05056500 near Devils Lake from October 1930 to November 2013

Table 1. Devils Lake water quality monitoring locations

STORET ID	Site Description	Latitude	Longitude
380221	Devils Lake - Six Mile Bay	48.10530	-99.02549
380233	Devils Lake - Main Bay	48.03265	-98.95333
380234	Devils Lake - East Bay	48.05927	-98.84115
380235	East Devils Lake	47.95486	-98.64633
380236	Devils Lake - West Bay	48.01335	-99.11192
384160	Devils Lake - SW West Bay	48.04898	-99.21235
385029	Pelican Lake	48.14634	-99.16399

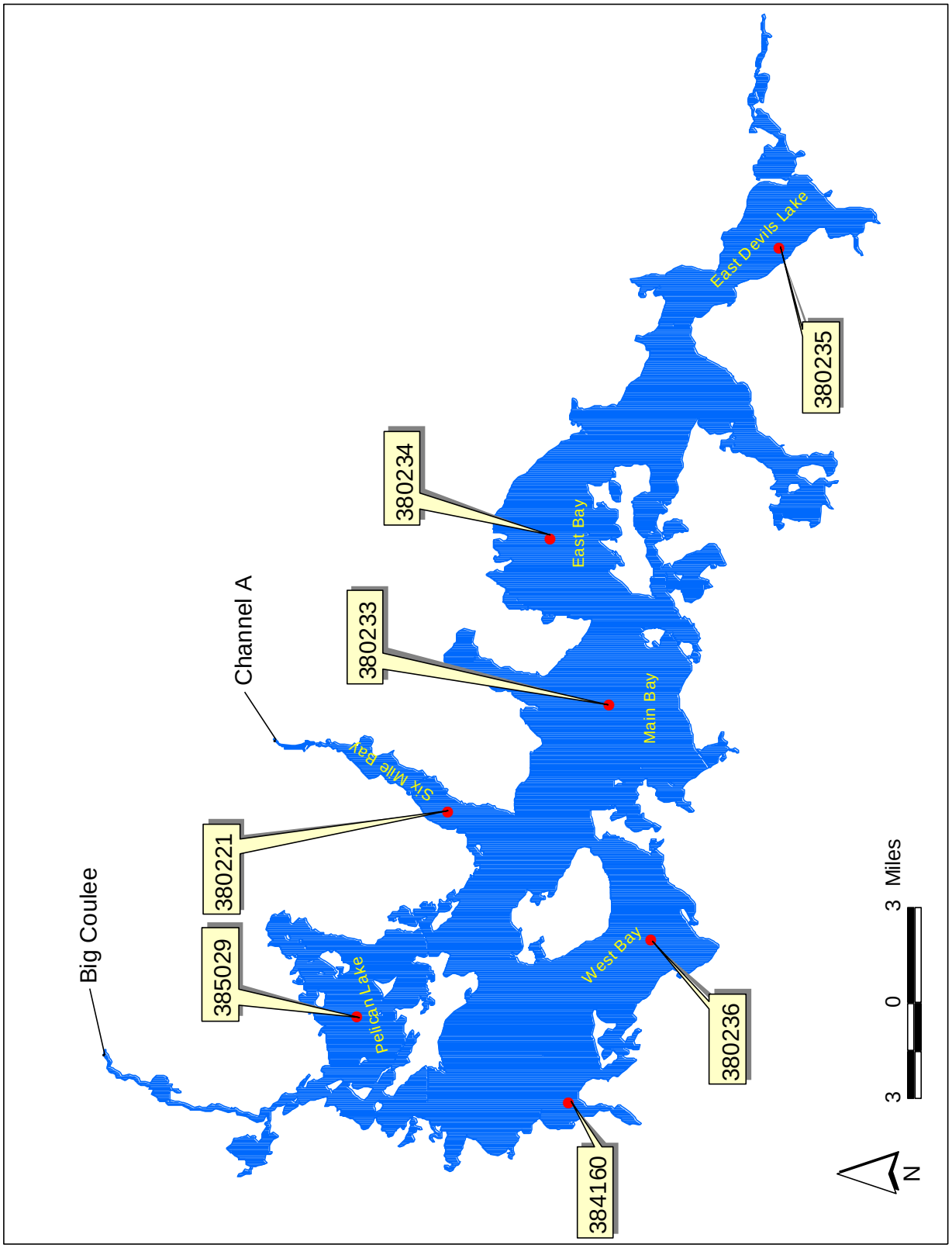

Figure 3. Devils Lake sampling site locations

3.0 Results and Discussion

This report addresses subsurface (1-meter depth interval) concentrations or measurements of specific conductivity, chloride, sulfate, TDS, total ammonia, nitrate-nitrite, total nitrogen (N), total phosphorus (P), and chlorophyll-α. This report discusses spatial and seasonal trends of samples collected in 2013 and annual trends between 1995 and 2013. Trends are determined through visual interpretation of the results. The 2013 annual temperature and DO profiles, and how they relate to aquatic health, are discussed in general terms.

3.1 Trends in Conductivity, Chloride, Sulfate, and TDS

Devils Lake continued to rise from an elevation of 1428 feet above mean sea level (msl) in 1994 until the summer of 1999 when Devils Lake began to flow eastward into Stump Lake stabilizing the water level between 1447 and 1448 msl. In the winter of 2008, Stump Lake filled and Devils Lake rose nearly 3.5 feet in two months. Devils Lake continued on an upward trend through the summer of 2011, peaking at 1454.3 msl on July 1 and then slowly dropping a foot to remain fairly stable around 1453 msl through the summer of 2012. Devils Lake then slowly declined to 1451.3 msl at ice up 2012 (Figure 2). Winter 2013 water levels were around 1451.5 msl. Beginning in May 2013, water levels rose consistently through July 2013 increasing from 1452 to 1454 msl (Figure 2). Water levels then began to decline steadily between July and November from 1454 to 1452.5 msl (Figure 2). Throughout the remainder of the fall of 2013, the lake stayed fairly constant around 1452.5 msl (Figure 2).

Devils Lake's major cation and anion concentrations display spatial, seasonal, and temporal trends. Additionally, the primary indicators of major cation and anion concentrations (sulfates, chlorides, TDS, and specific conductance) are close enough relationally that any one of them could be used as a surrogate for the other.

The seasonal trend is one of increased specific conductance and concentrations of chlorides, sulfates, and TDS under ice cover; this increase is followed by a reduction in concentrations through dilution the following spring and then a gradual increase or stabilization in the summer and fall (Table 2). The spatial trend throughout the Devils Lake chain of lakes is increasing specific conductance and concentrations of chlorides, sulfates, and TDS from east to west (Figures 4, 5, 6, 9).

Long-term annual trends (1995-2013) for specific conductance, chloride, and sulfate (Figures 4, 5, 6) can be divided into two groups: (1) sites with decreasing concentrations throughout the entire monitoring period (1995-2013); and (2) sites that initially had steady or slightly increasing concentrations that are now decreasing. Sites with decreasing concentrations through the entire monitoring period are Main Bay, East Bay, and East Devils Lake. The locations that initially had steady to increasing concentrations and are now decreasing include West Bay and SW West Bay of Devils Lake and Pelican Lake (Figures 4, 5, 6). There appears to be little to no change in specific conductivity, TDS, chloride, and sulfates concentrations in Six Mile Bay throughout the project period.

The seasonal and spatial trends in major cation and anion concentrations and associated measurements suggest hydrologic influence. Basically, all of the trends (spatial, seasonal, and annual) in major cation and anion concentrations and trend patterns are likely due to the recent increase in the water volume of Devils Lake. In Main Bay, East Bay, and East Devils Lake, the increased water volume both dilutes the available major cation and anion concentrations and increases the flow volume, transporting dissolved concentrations further down the chain. In Pelican Lake, SW West Bay, West Bay, and Six Mile Bay, the rising water levels initially caused a shift to higher concentrations of chlorides, sulfates, and TDS (Figures 5, 6, 7). It is hypothesized that the increase in major cation and anion concentrations was due to the merging of these waters with water from the downstream basins. Similar to the downstream basins, elevation equilibrium among all seven basins was reached in the winter 2008 or spring 2009, resulting in declining anion concentrations due to dilution throughout the Devils Lake chain of lakes.

3.2 Trends in Nutrients, Chlorophyll-a and Secchi Depth

Nutrient concentrations at sites located throughout the Devils Lake chain in 2013 (Table 2) and over the long-term (1995-2013) display substantial temporal variability. East Devils Lake is the exception in that select nutrient concentrations are noticeably higher at this site than the other sampling locations between1995 and 2013 (Figures 8 and 9). Though levels of some nutrients are still high in East Devils Lake, these levels have been drastically reduced with increasing water levels since 1995. For example, total nitrogen (N) was 4.0 mg/L in spring 1995 compared to 1.93 mg/L in spring 2013.

Mean annual nutrient (total N and P) concentrations for all basins generally decreased beginning in 1998 to 2001 (Figures 8 and 9). The temporal trends in total N and total P concentrations are most obvious in East Devils Lake and East Bay of Devils Lake.

Due to the lack of summer chlorophyll-a data in 2013, it is not possible to assess spatial or temporal trends for chlorophyll-*a*. There is a seasonal decrease in ammonia in 2013 with high winter concentrations undergoing nitrification in the spring (ammonia to nitrate) and turning into a “usable” form of nitrogen for photosynthetic organisms.

Since the majority of algal production in the photic zone occurs during the summer season, only summer trophic status measures are discussed in this report. Chlorophyll-*a* TSI scores were not able to be calculated for the summer of 2013 due to a lack of available data. However, historical data suggests that Devils Lake is typically classified as eutrophic, based on chlorophyll-α, with some sites occasionally classified as mesotrophic or hypereutrophic (Figure 10). In 2013, TSI scores based on Secchi disk transparency measurements classify Devils Lake between mesotrophic and eutrophic, with scores between 45.2 (East Bay) and 55.2 (Pelican Lake) (Figure 11). Historically, the lake’s tropic status classification has fluctuated between mesotrophic and hypereutrophic, with mesotrophy and eutrophy dominating the classifications over the past five years (Figure 11).

Nutrient limitation graphs were used to analyze and explain the potential drivers of trophic status in Devils Lake. The y-axis on these graphs were calculated based on the total phosphorus TSI score subtracted from chlorophyll-α TSI score ($TSI_{Chl\text{-}a}$-TSI_{TP}). Positive scores for this calculated variable suggest a P limited condition, while negative scores suggest no P limitation (Wetzel et al. 2001). Values used for the x-axis in the graphs (Figure 12) are were calculated by subtracting Secchi disk transparency scores from chlorophyll-α TSI scores ($TSI_{Chl\text{-}a}$-TSI_{Secchi}). Positive scores for this axis suggest that the algal community is dominated by large particles (colonized algae), while negative scores suggest that the water column exhibits high turbidity or has high amounts of dissolved organic matter (Wetzel et al. 2001). By analyzing the nutrient limitation graphs (Figure 12), it can be assumed that Devils Lake is not typically limited by phosphorus and the algae community is mostly dominated by large algal colonies. Large aggregations of colonizing algae and chlorophyll-*a* TSI being greater than Secchi disk transparency TSI scores suggests that zooplankton are effective grazers in Devils Lake and sun rays are allowed to penetrate deeper into the epilimnion due to clearer water (Figure 12). Only Pelican Lake appears to be phosphorus-limited at times and dominated by more dissolved organic matter (fewer large aggregations of algae) (Figure 12).

3.3 Dissolved Oxygen Profiles and Temperature Profiles

Dissolved oxygen (DO) depletion occurs when decomposition of organic matter and respiration exceeds oxygen diffusion rates and photosynthesis through the water column. During 2013, Devils Lake maintained adequate concentrations of DO throughout the entire water column year-round (Figures 13-19).

On occasion, DO concentrations decreased at lower depths in the water column (Figures 13-19). While this indicates a sediment-influenced demand for oxygen that is measurable, more than 80 percent of the water column remains above the state standard of 5 milligrams per liter (mg/L).

Thermal stratification is defined as a greater than 1ºC change in temperature over a 1-meter depth (Wetzel et al. 2001). With the exception of East Devils Lake in August, during the 2013 sampling period, the Devils Lake chain of lakes displayed no evidence of thermal stratification (Figure 16). The lack of a strong and persistent thermal stratification is likely due to the long fetches between basins and strong prairie winds.

Table 2. Sub-surface concentrations (collected at 1 meter) of selected water quality parameters for each Devils Lake sampling site and event in 2013. (Note: ND = Non-detect [i.e., concentration was below detectable level])

Site	Winter	Spring	Summer	Fall
Specific Conductance (µmhos/cm)				
Six Mile Bay	2180	1920	1930	2010
Main Bay	2170	2020	1980	2530
East Bay	2670	2520	2530	2530
East Devils Lake	3170	2940	2900	2900
West Bay	2140	1880	1880	1920
SW West Bay	2160	1810	1890	1920
Pelican Lake	2080	1480	1400	1490
Sulfates (mg/L)				
Six Mile Bay	682	561	576	590
Main Bay	676	591	596	591
East Bay	880	803	796	815
East Devils Lake	1100	972	965	964
West Bay	662	552	552	566
SW West Bay	668	521	556	567
Pelican Lake	627	398	369	407
Chloride (mg/L)				
Six Mile Bay	115.0	99.4	99.0	101.0
Main Bay	116.0	115.0	104.0	104.0
East Bay	158.0	153.0	146.0	149.0
East Devils Lake	200.0	187.0	181.0	178.0
West Bay	112.0	98.3	98.8	97.8
SW West Bay	113.0	90.6	95.0	96.1
Pelican Lake	103.0	64.6	56.5	61.5
Total Dissolved Solids (mg/L)				
Six Mile Bay	1560	1330	1330	1380
Main Bay	1470	1410	1350	1380
East Bay	1990	1780	1750	1820
East Devils Lake	2380	2150	2070	2080
West Bay	1460	1290	1290	1340
SW West Bay	1590	1240	1290	1330
Pelican Lake	1490	1000	929	1010
Total Ammonia (mg/L)				
Six Mile Bay	0.09	ND[1]	ND[1]	0.04
Main Bay	0.07	ND[1]	ND[1]	0.03
East Bay	0.05	ND[1]	ND[1]	0.03
East Devils Lake	0.10	ND[1]	ND[1]	0.05
West Bay	0.07	0.04	ND[1]	ND[1]
SW West Bay	0.09	0.03	ND[1]	0.03
Pelican Lake	0.17	ND[1]	ND[1]	0.06

Table 2 (cont.)

Site	Winter	Spring	Summer	Fall
Nitrate + Nitrite (mg/L)				
Six Mile Bay	0.18	0.15	ND[2]	ND[2]
Main Bay	0.16	0.16	ND[2]	ND[2]
East Bay	0.21	0.10	ND[2]	ND[2]
East Devils Lake	0.39	0.42	ND[2]	ND[2]
West Bay	0.12	ND[2]	ND[2]	ND[2]
SW West Bay	0.10	ND[2]	ND[2]	ND[2]
Pelican Lake	0.04	ND[2]	ND[2]	0.07
Total Nitrogen (mg/L)				
Six Mile Bay	1.73	1.42	1.41	1.27
Main Bay	1.60	1.49	1.38	1.28
East Bay	1.72	1.52	1.47	1.37
East Devils Lake	2.23	1.93	1.58	1.50
West Bay	1.69	1.33	1.41	1.29
SW West Bay	1.66	1.29	1.44	1.33
Pelican Lake	1.92	1.30	1.43	1.44
Total Phosphorus (mg/L)				
Six Mile Bay	0.30	0.29	0.34	0.34
Main Bay	0.31	0.28	0.31	0.34
East Bay	0.27	0.24	0.26	0.26
East Devils Lake	0.28	0.30	0.24	0.24
West Bay	0.34	0.28	0.34	0.33
SW West Bay	0.36	0.26	0.35	0.33
Pelican Lake	0.34	0.32	0.39	0.27
Chlorophyll-α (µg/L)				
Six Mile Bay	n/a	ND[3]	**	3.74
Main Bay	n/a	ND[3]	**	17.10
East Bay	n/a	ND[3]	**	8.54
East Devils Lake	n/a	ND[3]	**	15.50
West Bay	n/a	ND[3]	**	1.87
SW West Bay	n/a	ND[3]	**	1.60
Pelican Lake	n/a	ND[3]	**	1.60

[1]Detectable level for ammonia is 0.03 mg/L
[2]Detectable level for nitrate + nitrite is 0.03 mg/L
[3]Detectable level for Chlorophyll-α is 10 µg/L
** No sample collected

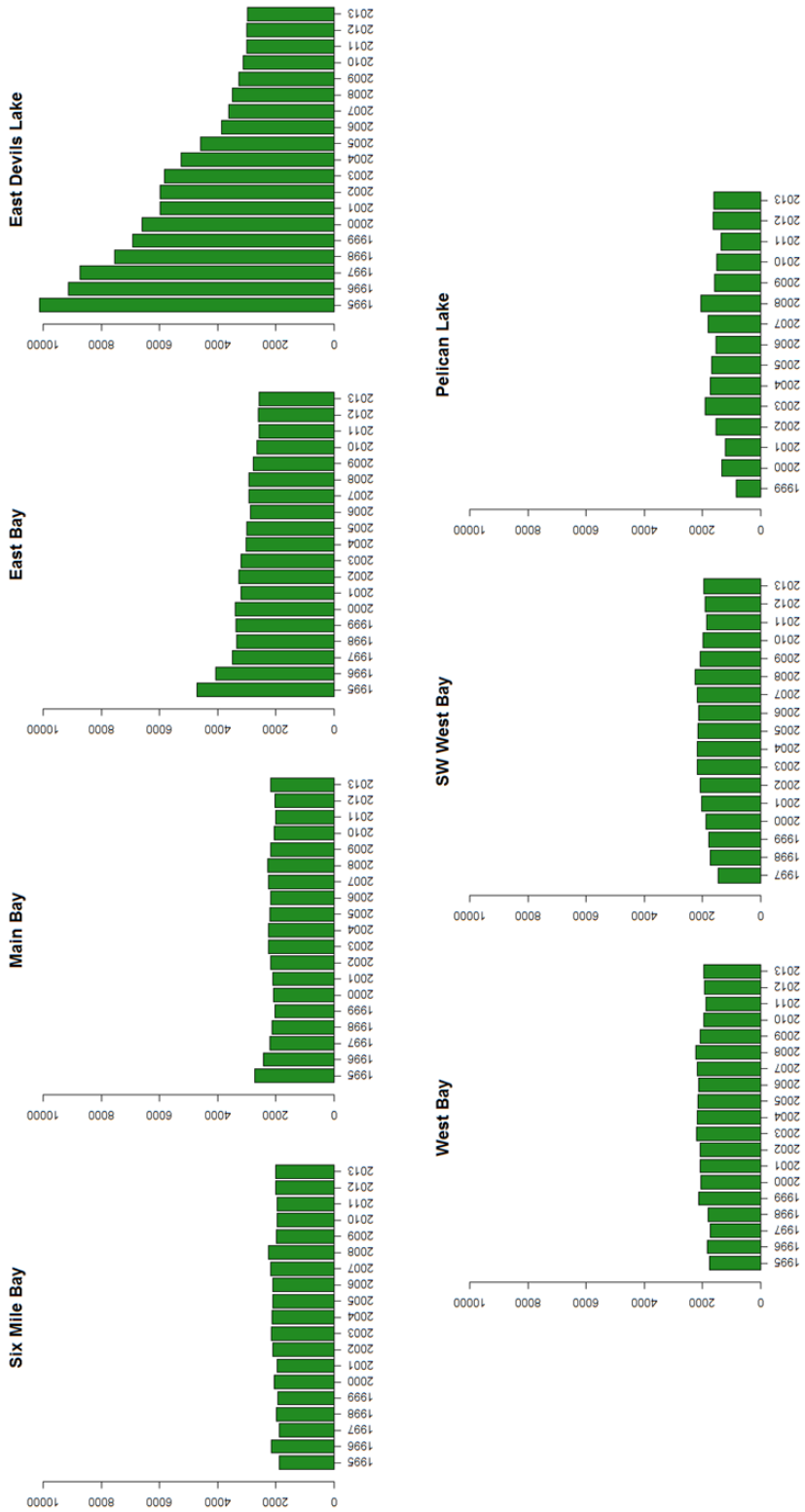

Figure 4. Mean specific conductivity readings for all sampling sites from 1995-2013.

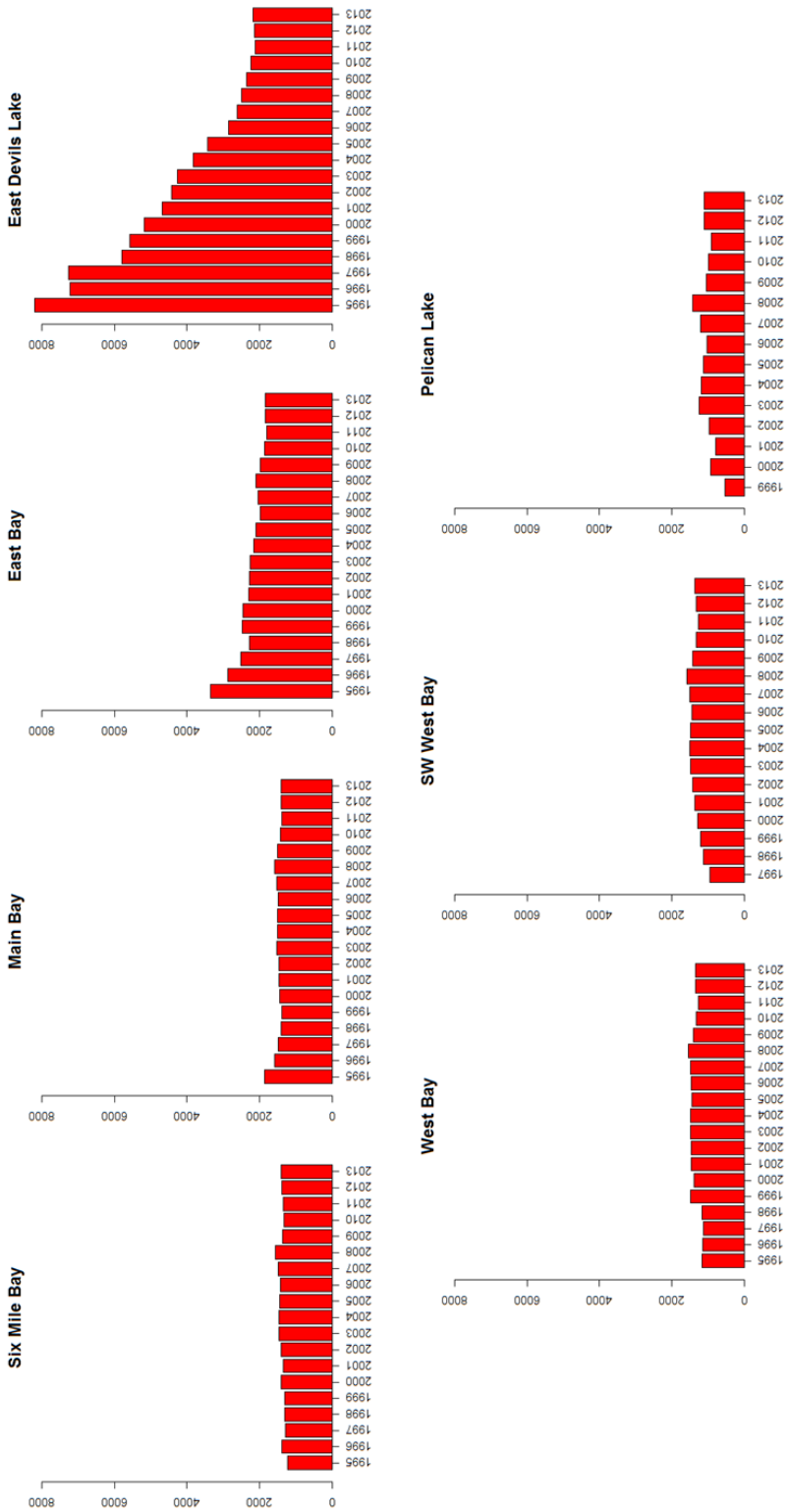

Figure 5. Mean annual total dissolved solids concentrations for all sampling sites from 1995-2013.

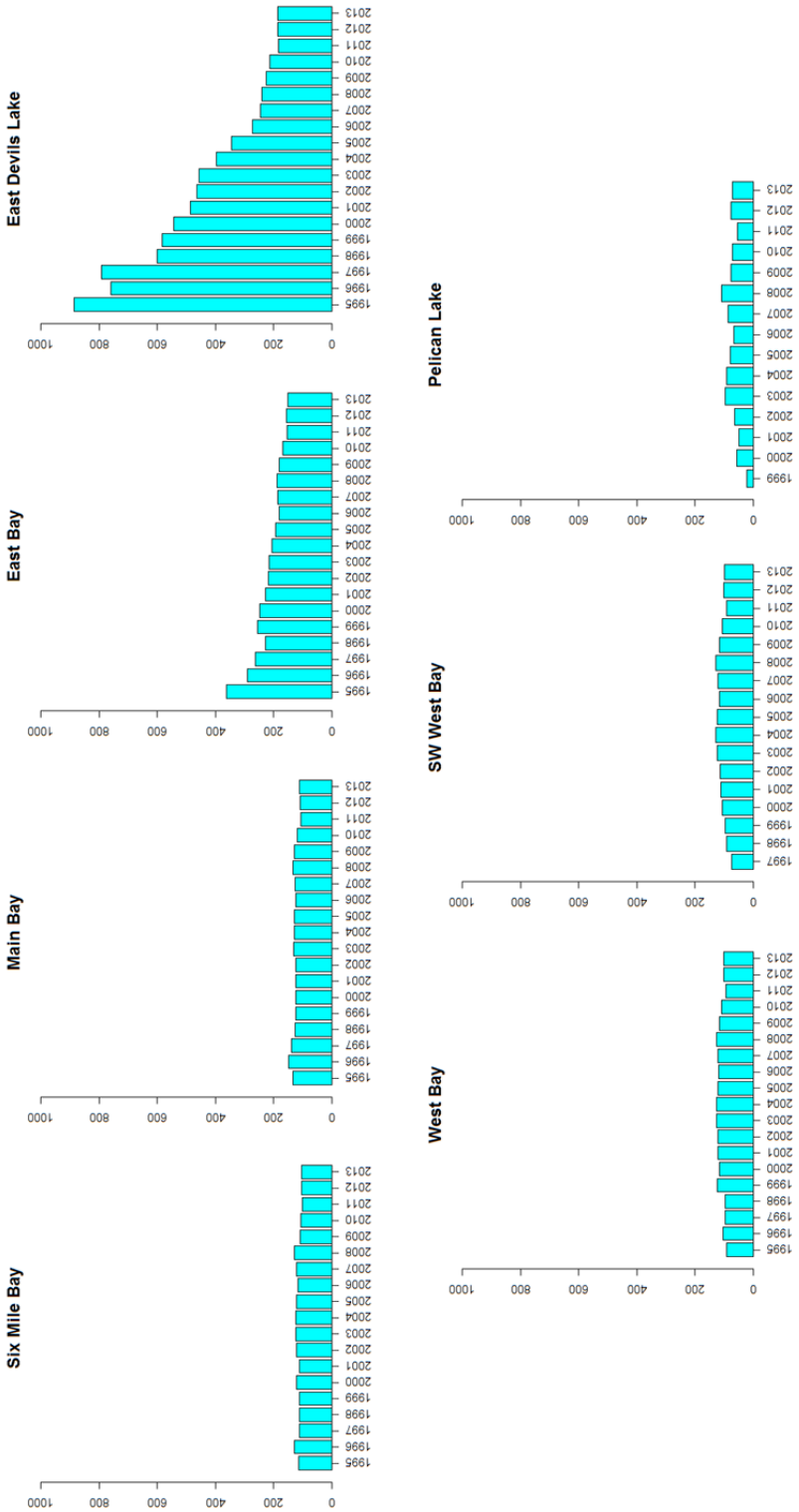

Figure 6. Mean annual chloride concentrations for all sampling sites from 1995-2013.

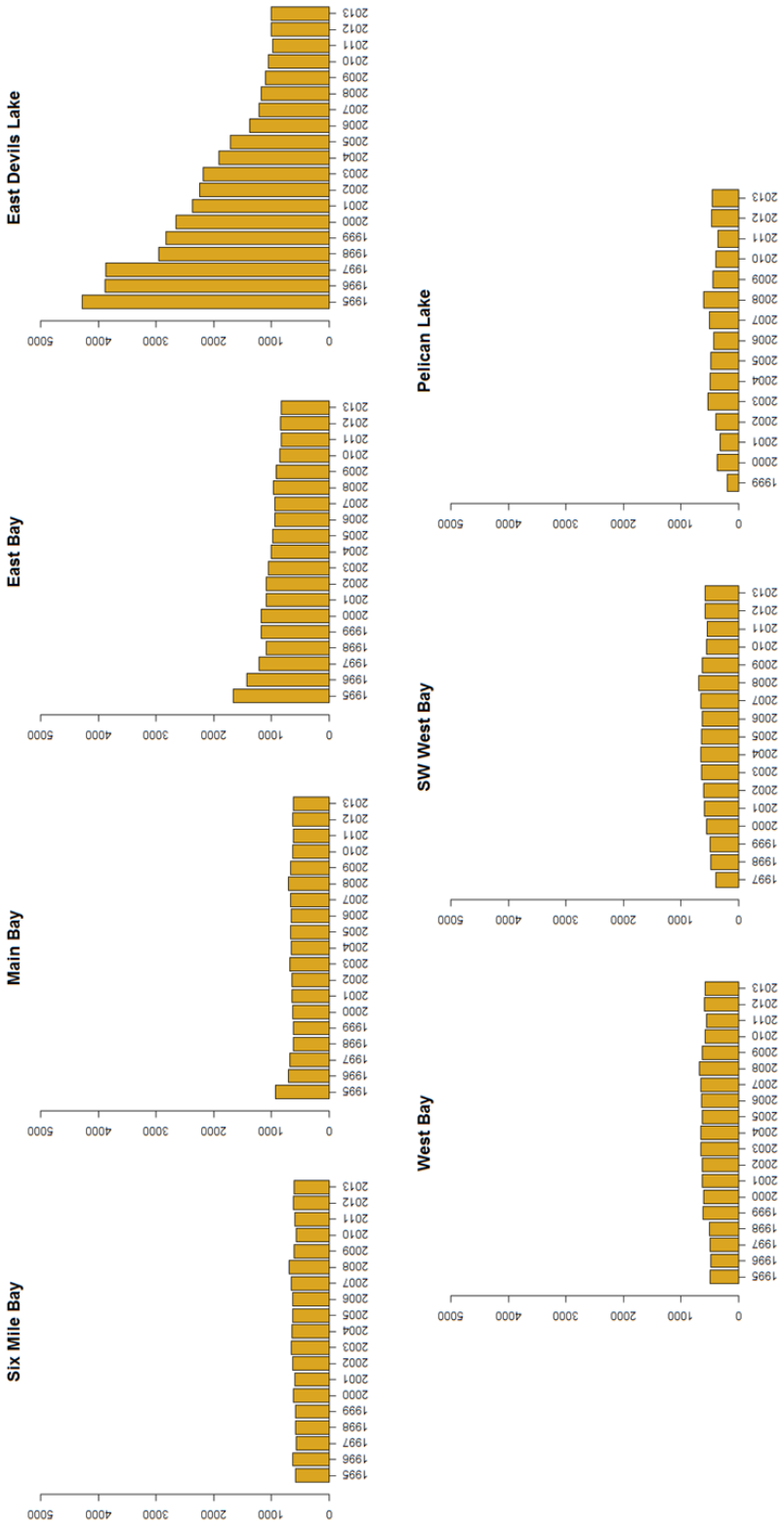

Figure 7. Mean total sulfate concentrations for all sampling sites from 1995-2013.

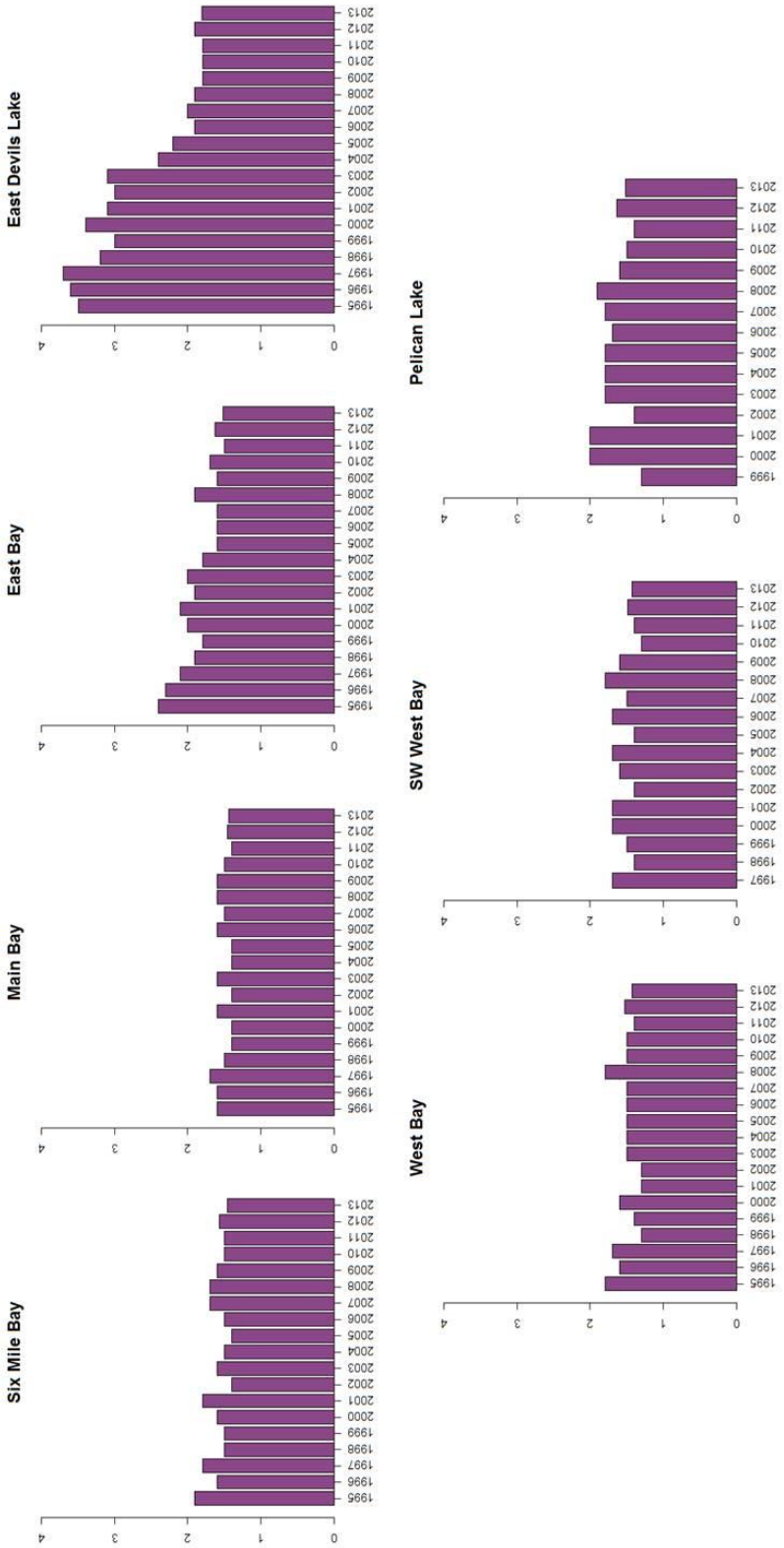

Figure 8: Mean total nitrogen concentrations for all sampling sites from 1995-2013.

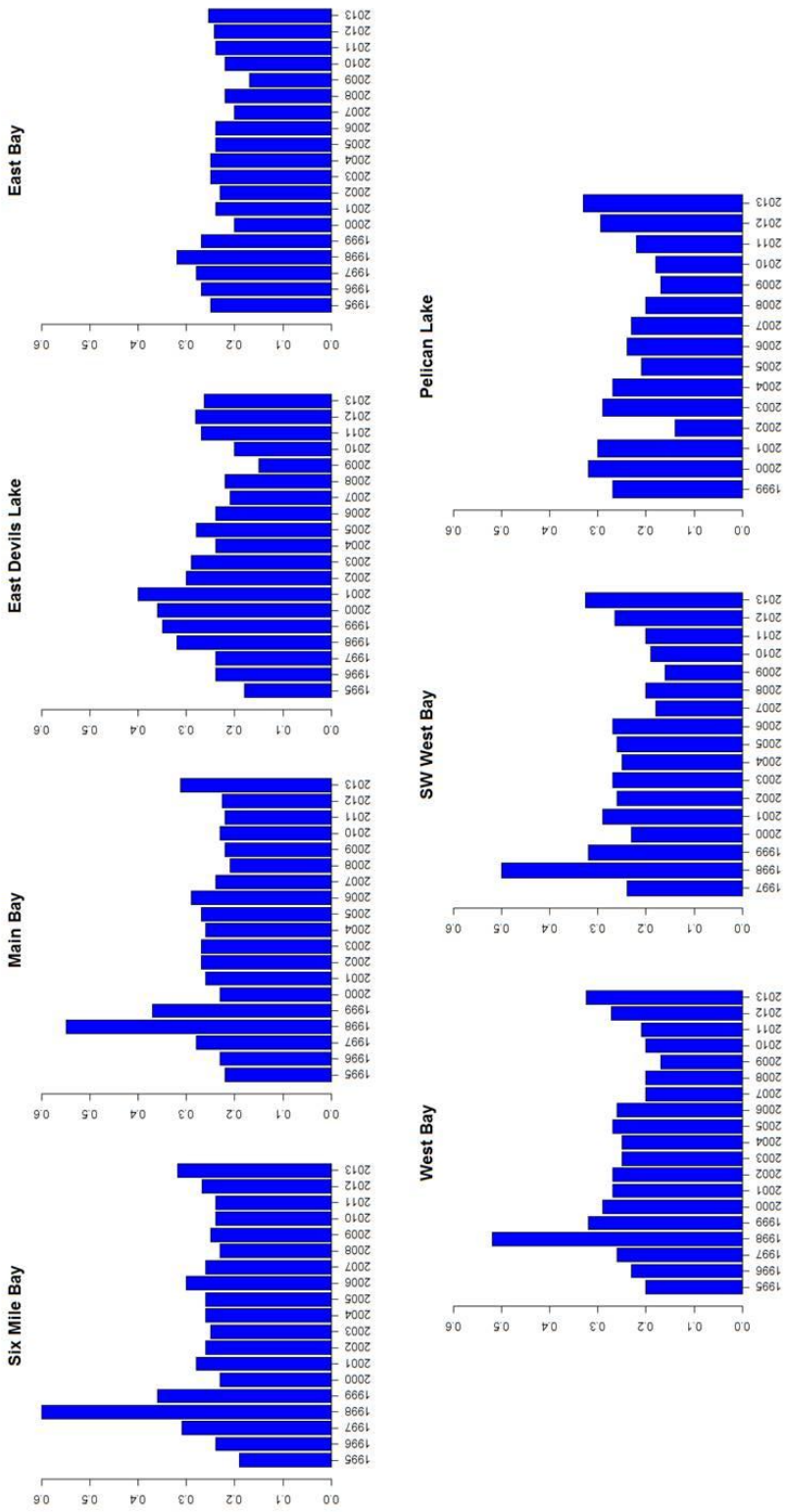

Figure 9: Mean total phosphorus concentrations for all sampling sites from 1995-2013.

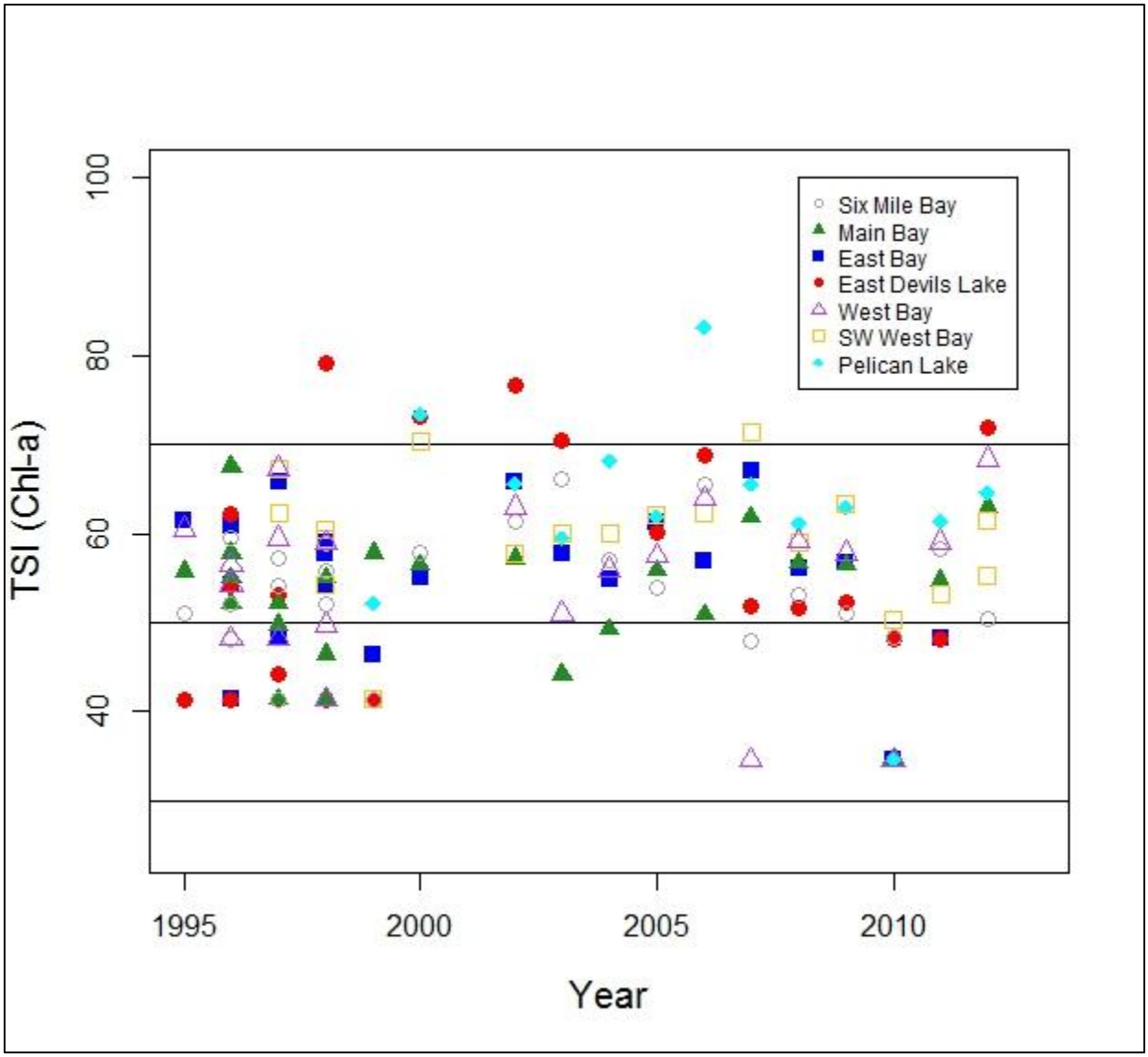

Figure 10. Carlson's TSI scores based on Chlorophyll-α readings for seven study sites across Devils Lake during summer sampling (usually conducted in August, but occasionally in late July or early September). Horizontal bars represent levels of the lake's trophic state (≤ 30 = Oligotrophic, 30-50 = Mesotrophic, 50-70 = Eutrophic, ≥70 = Hypereutrophic).

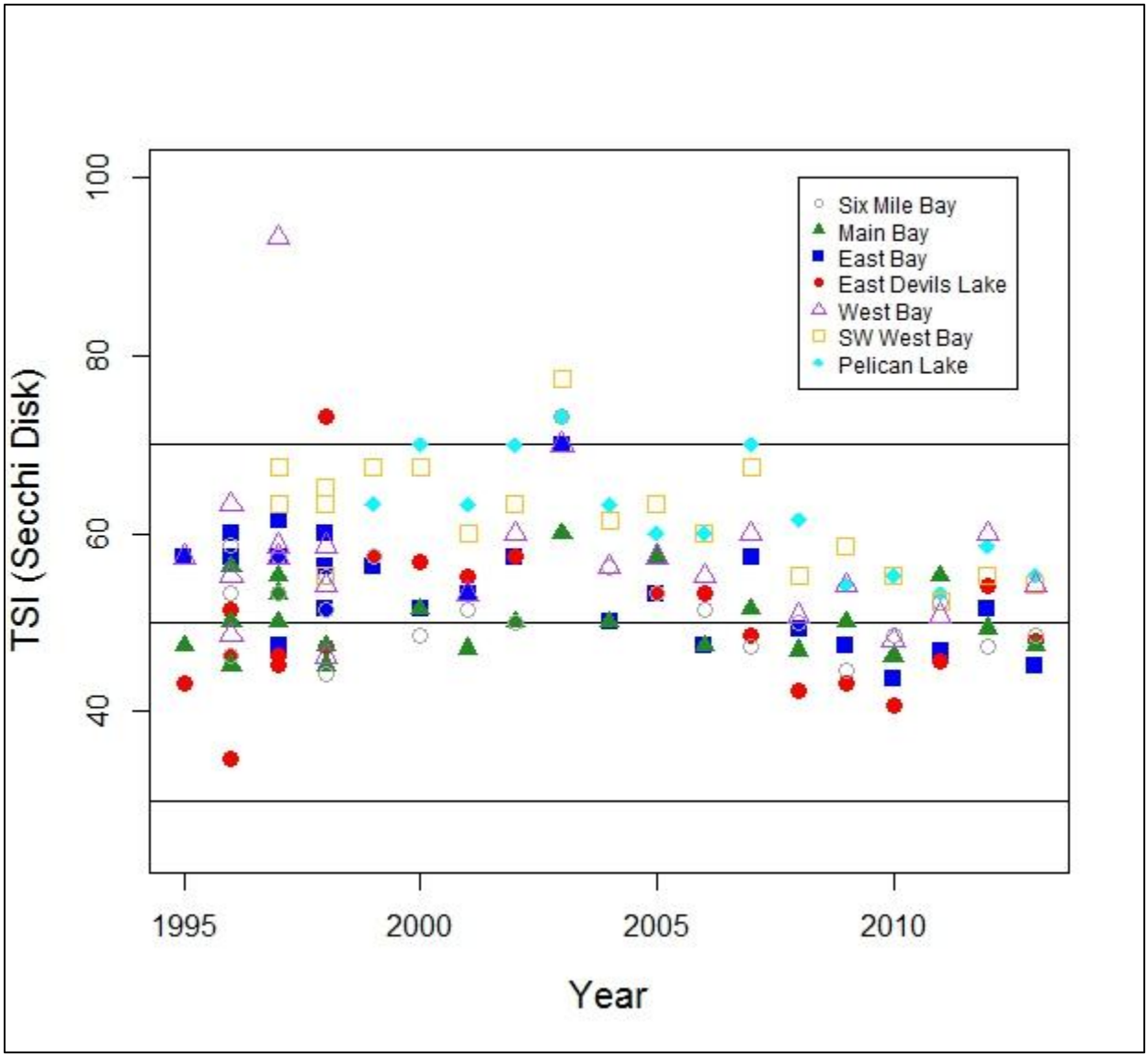

Figure 11. Carlson's TSI scores based on secchi disk readings for seven study sites across Devils Lake during summer sampling (usually conducted during August, occasionally in July and early September). Horizontal bars represent levels of the lake's trophic state (≤ 30 = Oligotrophic, 30-50 = Mesotrophic, 50-70 = Eutrophic, ≥70 = Hypereutrophic).

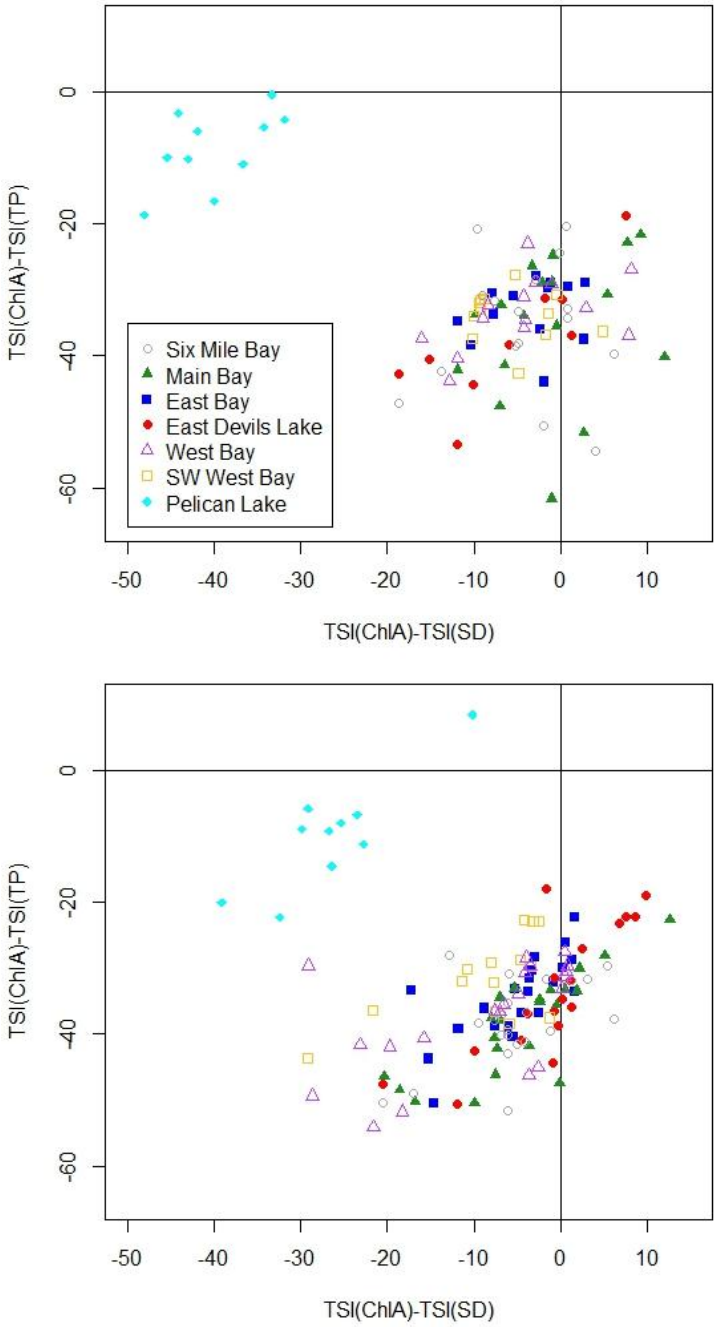

Figure 12. Nutrient limitation graphs for both Spring (top) and Summer (bottom) sampling. These figures suggest that Devils Lake has a large amount of dissolved organic matter and strong zooplankton grazing as is evidenced by large algae particles in the pelagic zone (from Wetzel 2001). The only part of the lake that experiences any sort of phosphorus limitation (or close to it) is Pelican Lake.

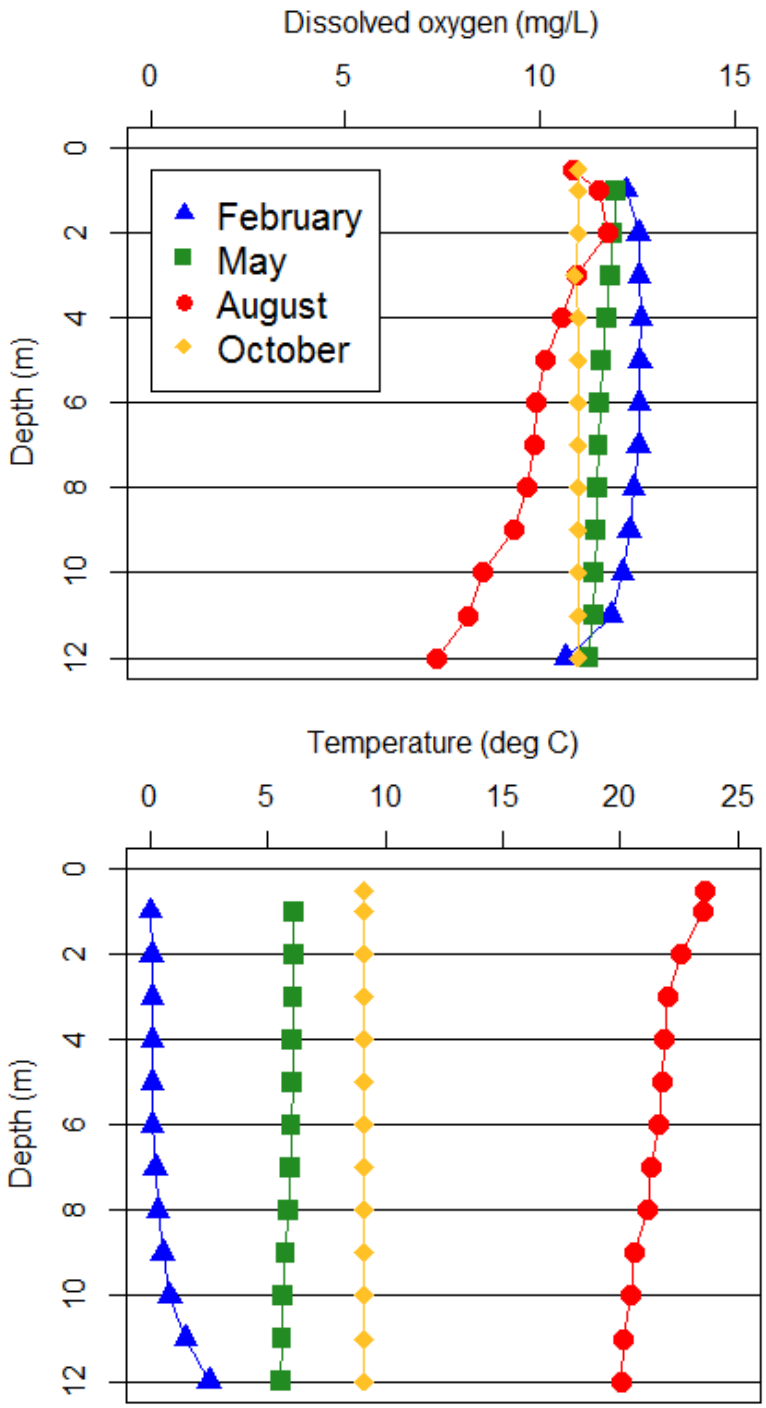

Figure 13. Dissolved oxygen (above) and temperature (below) profiles for Six Mile Bay in 2013.

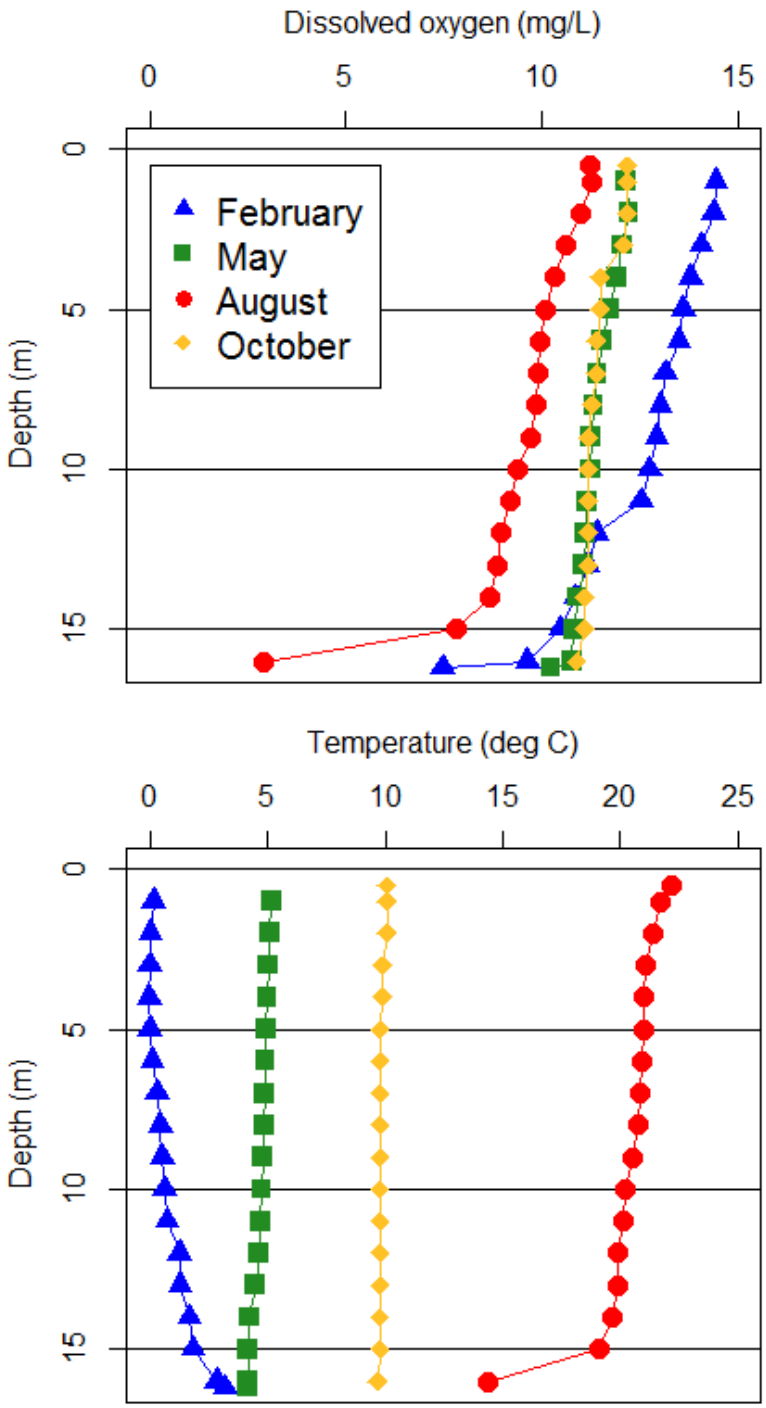

Figure 14. Dissolved oxygen (above) and temperature (below) profiles for Main Bay in 2013.

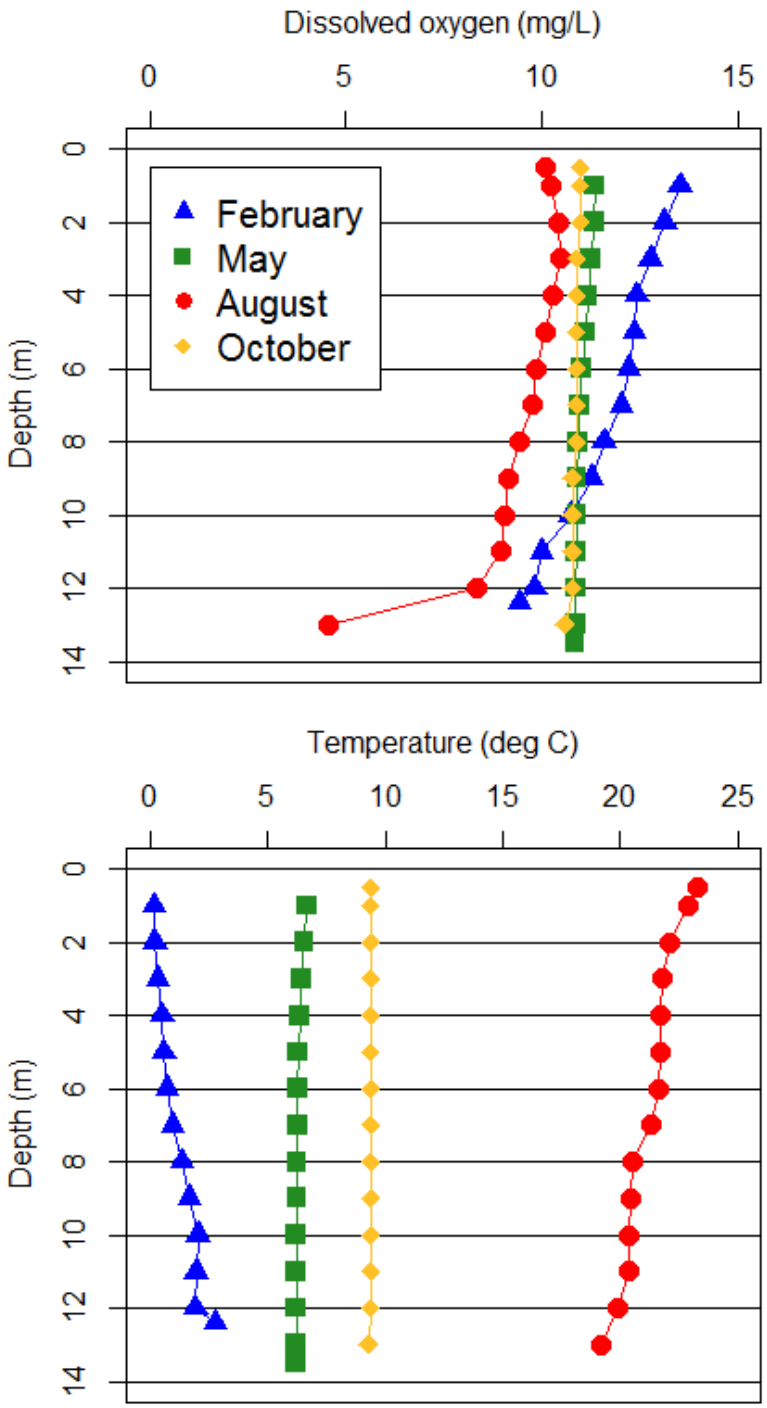

Figure 15. Dissolved oxygen (above) and temperature (below) profiles for East Bay in 2013.

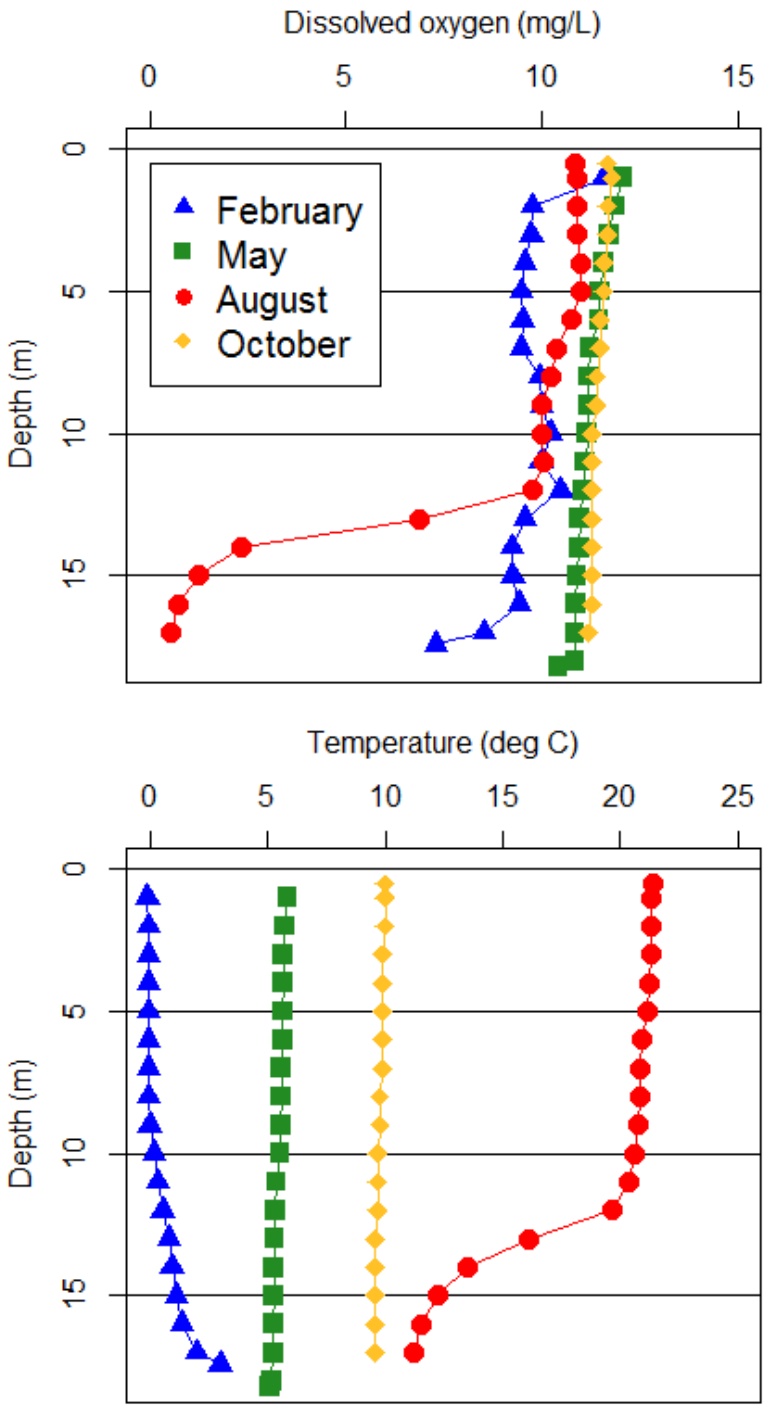

Figure 16. Dissolved oxygen (above) and temperature (below) profiles for East Devils Lake in 2013.

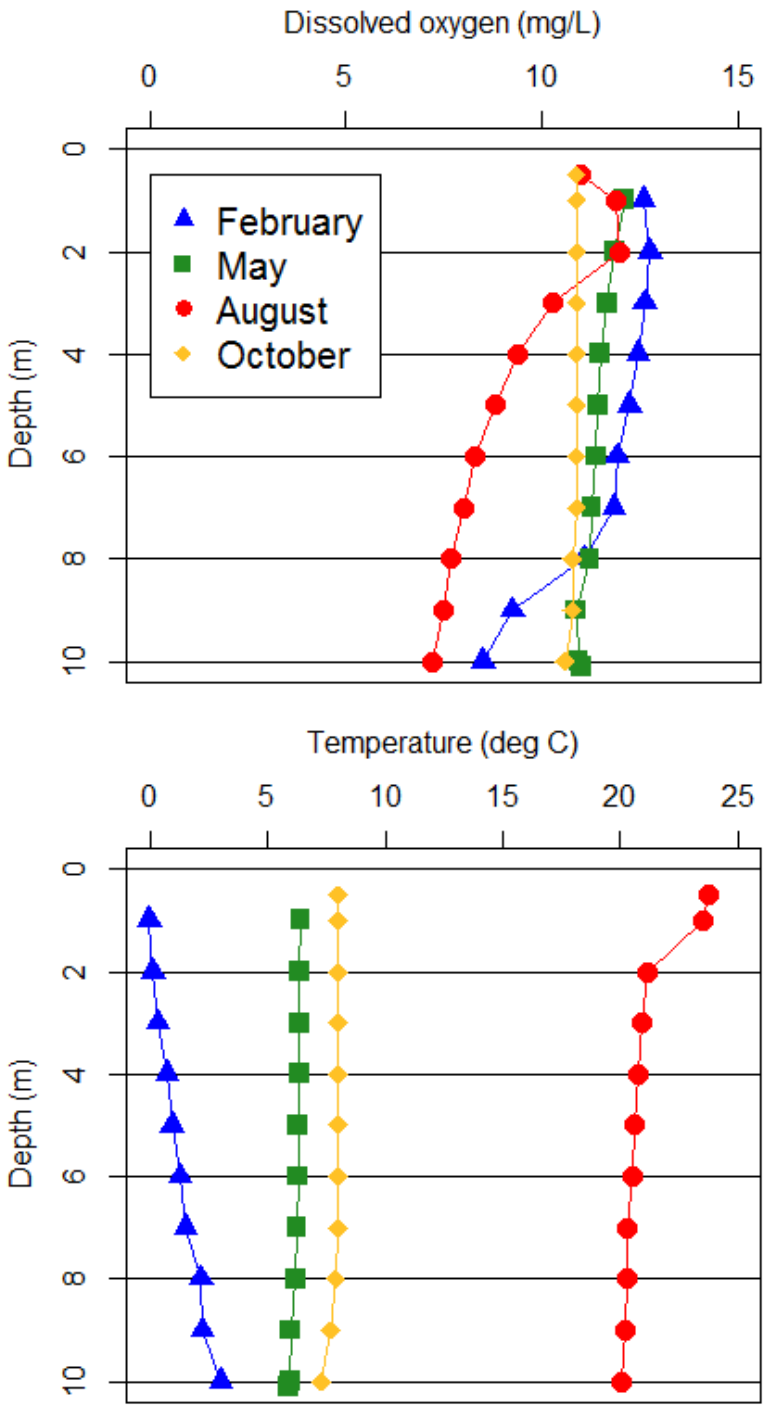

Figure 17. Dissolved oxygen (above) and temperature (below) profiles for West Bay in 2013.

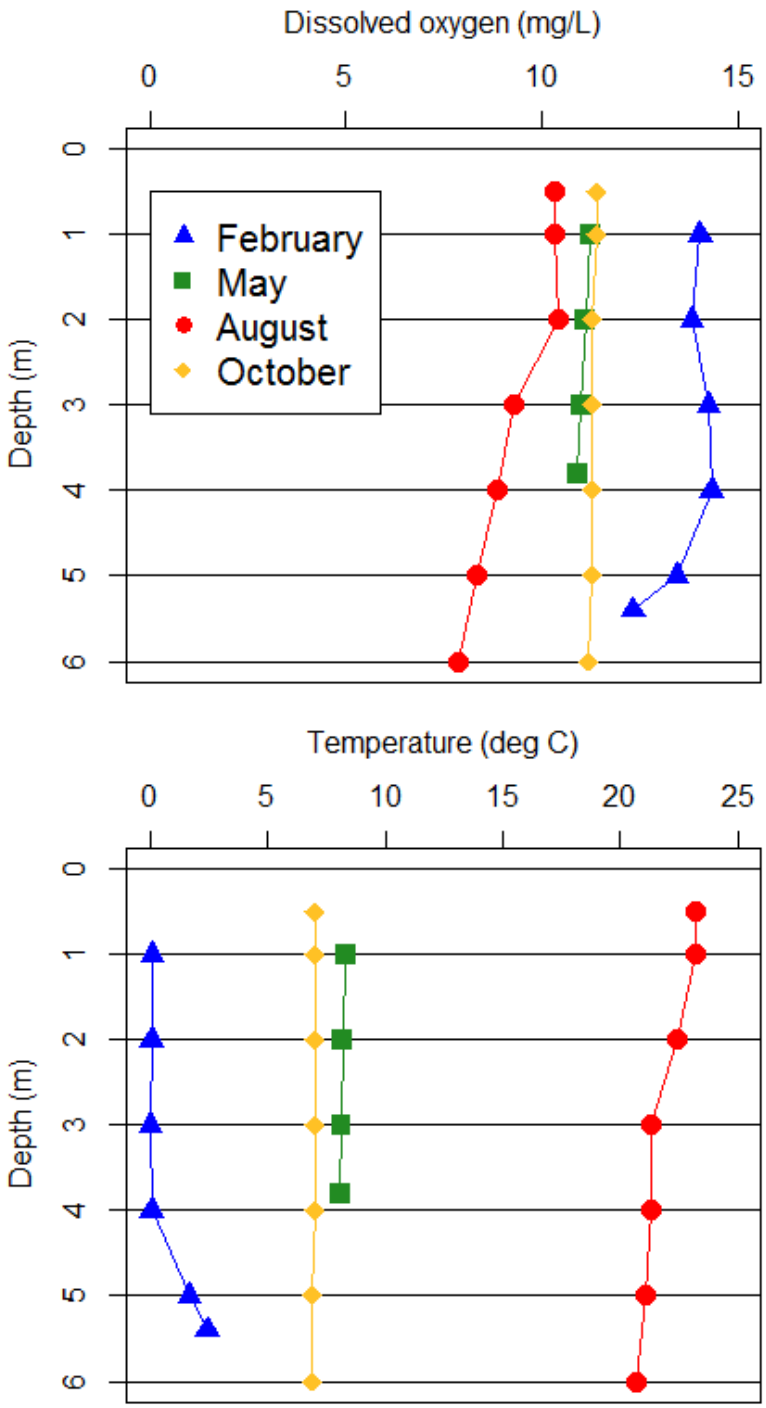

Figure 18. Dissolved oxygen (above) and temperature (below) profiles for SW West Bay in 2013.

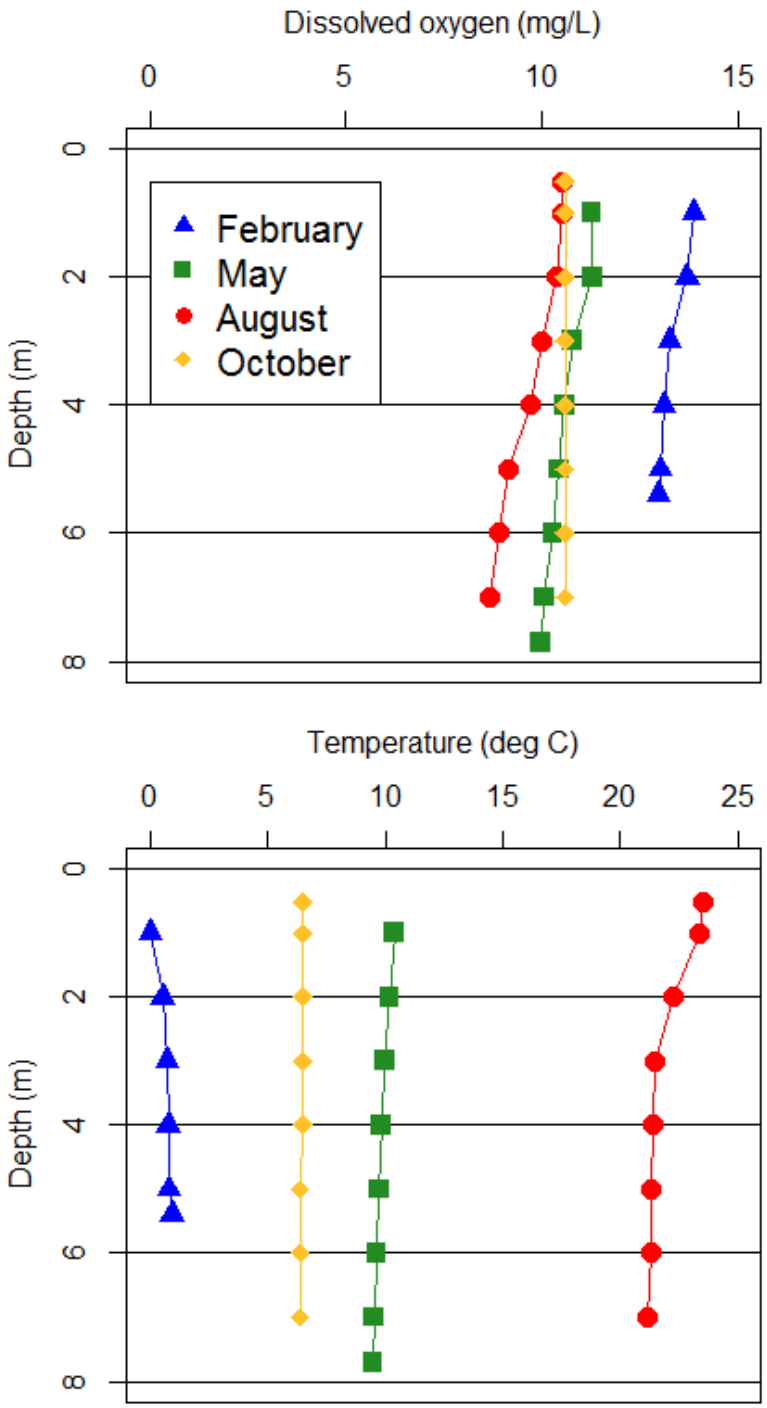

Figure 19. Dissolved oxygen (above) and temperature (below) profiles for Pelican Lake in 2013.

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Appendix

Water Quality Results for Devils Lake 1995-2013

Devils Lake Report

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
Alkalinity (CaCO3)(Total)										
	3/15/1995		1	118	356	454	630	457		
	5/15/1995		1	252	344	411	562	285		
	7/25/1995		1	305	315	435	563	259		
	10/3/1995		1	335	336	449	575	303		
	3/25/1996		1	378	386	397		353		
	5/20/1996		1	274	334	407	544	299		
	7/1/1996		1	273	320	418	554	296		
	8/5/1996		1	313	328	432	599	305		
	9/3/1996		1	326	330	439	575	315		
	9/30/1996		1	332	339	436	575	319		
	3/4/1997		1	370	376	472	610	414		
	5/14/1997		1	215	335	388	533	283		
	7/8/1997		1	295	313	388		277		
	7/16/1997		1				544			
	8/4/1997		1	292	310	391	536	281	268	
	9/2/1997		1	290	311	393	543	287	278	
	10/6/1997		1	309	324	398		299	294	
	5/19/1998		1	301	327	392	574	306	308	
	7/6/1998		1	340	359	432	584	352	342	
	8/3/1998		1	325	325	402	536	308	314	
	9/8/1998		1	324	337	422		337	329	
	10/19/1998		1	412	340	415	561	337	343	
	2/23/1999		1	380	379	473	601	403	418	
	5/25/1999		1	301	338	406	543		326	210
	8/2/1999		1	344	339	427	558		325	252
	10/11/1999		1	318	319	409	526		310	260
	2/14/2000		1	357	355	437	537		359	371
	5/2/2000		1	322	334	406	497		326	303
	8/1/2000		1	328	339	393	525		317	305
	10/9/2000		1	338	323	394	523	334	339	317
	3/19/2001		1	379	367	419	528	371	399	274
	5/14/2001		1	267	329	371	473	343	338	250
	8/6/2001		1	349	351	362	503	351	366	282
	10/10/2001		1	333	336	401	501	334	329	277
	2/11/2002		1	378	360	430	523	373	391	342
	5/13/2002		1	339	340	395	494	338	341	305
	8/13/2002		1	340	359	408	506	357	359	338

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/7/2002		1	344	365	412	489	356	359	307
	2/10/2003		1	381	376	435	594	387	414	409
	5/7/2003		1	325	364	417	510	394	357	326
	8/12/2003		1	360	371	404	478	368	360	362
	10/7/2003		1	368	373	412	480	370	375	370
	3/16/2004		1	391	389	429		406	423	405
	5/18/2004		1	316	356	402	460	346	349	301
	8/10/2004		1	354	364	412		362	363	332
	10/6/2004		1	356	358	407	478	363	350	322
	3/8/2005		1	389	397	439	499	404	407	415
	5/24/2005		1	352	359	406	460	361	434	331
	8/16/2005		1	342	356	401	439	363	355	309
	10/11/2005		1	350	361	404	447	367	364	312
	2/14/2006		1	383	378	413	497	381	404	365
	5/9/2006		1	332	343	390	435	348		289
	8/15/2006		1	357	361	402	424	356	364	308
	10/9/2006		1	366	372	397		362	363	314
	2/20/2007		1	394	389	437	460	398	421	398
	5/15/2007		1	359	365	405	436	369	361	327
	8/21/2007		1	342	351	383	411	338	342	331
	10/24/2007		1	350	346	388	425	354	346	346
	2/26/2008		1	380	369	421	437	385	417	434
	5/20/2008		1	359	358		417	746	357	347
	8/18/2008		1	355	360	388	417	358	352	332
	10/20/2008		1	355	350	375	405	337	340	320
	3/3/2009		1	375	372	408	428	383	394	412
	5/12/2009		1	288	342	366	394	323		210
	7/20/2009		1	312	329	369	396	316	320	253
	11/3/2009		1	328	339	372	396	339	331	301
	3/3/2010		1	340	343	397	406	351	358	
	5/19/2010		1	309	319	357	396	308		
	7/27/2010		1	315	325	367	404	321		298
	10/19/2010		1	324	335	381	410	332	327	308
	3/8/2011		1	351	356	397	424	355	361	360
	5/24/2011		1	315	320	363	396	314	311	252
	7/26/2011		1	345	326	370	396	322	333	292
	10/10/2011		1	324	326	372	396	317	317	294
	2/2/2012		1	344	345	394	416	347	347	342
	5/9/2012		1	331	333	375	402	325	324	311
	8/7/2012		1	332	336	380	400	334	333	328
	10/22/2012		1	351	354	391	411	354	352	352

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/11/2013		1	376	370	415	432	384	392	415
	5/22/2013		1	340	352	386	406	339	331	321
	8/19/2013		1	341	343	381	403	347	350	312
	10/21/2013		1	373	375	410	419	378	377	341
	2/18/2014		1	394	392	432	436	406	421	421
	5/27/2014		1	360	362	390	401	348	346	323
Aluminum (Al)										
	5/14/1997		1	302	83	105	76	85		
	7/8/1997		1	55	70	88		88		
	7/16/1997	50.000	1				*ND			
	8/4/1997	50.000	1	61	*ND	60	*ND	*ND	85	
	9/2/1997	50.000	1	104	*ND	84	*ND	74	166	
	10/6/1997		1	147	124	392		89	206	
	5/19/1998	50.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	7/6/1998	50.000	1	67	72	79	*ND	58	113	
	8/3/1998	50.000	1	*ND	*ND	*ND	*ND	*ND	255	
	9/8/1998	50.000	1	*ND	*ND	50		*ND	124	
	10/19/1998		1	74	61	111	146	226	350	
	2/23/1999	50.000	1	53	*ND	64	81	*ND	55	
	5/25/1999		1	82	56	75	113		108	125
	8/2/1999	50.000	1	*ND	*ND	*ND	*ND		167	*ND
	10/11/1999	50.000	1	66	*ND	310	1120		198	388
	2/14/2000	50.000	1	55	*ND	*ND	88		83	98
	5/2/2000	50.000	1	72	*ND	75	1340		55	105
	8/1/2000	50.000	1	*ND	*ND	*ND	58		78	97
	10/9/2000		1	93	62	116	148	58	132	281
	3/19/2001		1	109	115	61	68	57	71	744
	5/14/2001		1	130	80	94	119	57	53	81
	8/6/2001	50.000	1	*ND	72	*ND	*ND	*ND	106	74
	10/10/2001		1	111	62	169	87	80	132	192
	2/11/2002	50.000	1	76	143	116	106	75	66	*ND
	5/13/2002	50.000	1	69	*ND	116	491	*ND	83	916
	10/7/2002	50.000	1	79	*ND	121	263	93	286	642
	2/10/2003	50.000	1	*ND	*ND	*ND	54	*ND	*ND	*ND
	5/7/2003	50.000	1	61	*ND	56	103	61	136	118
	8/12/2003	50.000	1		*ND	*ND		52	121	
	8/14/2003		1	69			89			224
	10/7/2003	50.000	1	*ND	*ND	50	56	72	130	106
	3/16/2004	50.000	1	55	*ND	*ND		*ND	*ND	436
	5/18/2004	50.000	1	*ND	*ND	*ND	108	58	96	*ND
	8/10/2004	50.000	1	78	*ND	*ND		63	111	95

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/6/2004	50.000	1	66	*ND	84	90	111	165	176
	3/8/2005	50.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2005	50.000	1	*ND	*ND	*ND	118	73	88	85
	8/16/2005	50.000	1	66	58	*ND	*ND	110	134	131
	10/11/2005		1	105	62	83	99	204	185	270
	2/14/2006	50.000	1	69	71	*ND	106	70	81	73
	5/9/2006	50.000	1	*ND	78	*ND	107	110		235
	8/15/2006	50.000	1	60	*ND	52	*ND	66	120	*ND
	10/9/2006		1	110	54	66		154	184	292
	2/20/2007	50.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/15/2007	50.000	1	53	*ND	55	*ND	54	*ND	83
	8/21/2007	50.000	1	*ND	*ND	97	*ND	114	175	450
	10/24/2007	50.000	1	65	55	188	*ND	148	185	272
	2/26/2008	50.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/20/2008	50.000	1	*ND	*ND		*ND	50	*ND	105
	8/18/2008	50.000	1	*ND	*ND	*ND	*ND	*ND	73	58
	10/20/2008	50.000	1	*ND	*ND	*ND	*ND	*ND	266	236
	3/3/2009	50.000	1	111	*ND	*ND	*ND	*ND	51	*ND
	5/12/2009	50.000	1	72	71	*ND		76		84
	5/14/2009		1				70			
	7/20/2009	50.000	1	*ND	50	*ND	*ND	58	100	99
	11/3/2009		1	109	108	144	88	165	155	194
	3/3/2010	50.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	50.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010		1	69	56	64	54	80		123
	10/19/2010		1	112	96	182	128	112	164	224
	3/8/2011	50.000	1	*ND	*ND	73	55	*ND	*ND	*ND
	5/24/2011	50.000	1	63	57	74	68	*ND	110	61
	7/26/2011	50.000	1	*ND	*ND	60	55	*ND	68	51
	10/10/2011		1	208	143	159	78	150	236	367
	2/2/2012	50.000	1	66	52	64	*ND	*ND	*ND	*ND
	5/9/2012		1	58	73	163	66	60	64	60
	8/7/2012	50.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	50.000	1	50	*ND	83	91	108	54	65
	2/11/2013	50.000	1	*ND	*ND	51	60	*ND	66	55
	5/22/2013		1	68	60	83	104	103	496	151
	8/19/2013	50.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	50.000	1	*ND	*ND	69	57	*ND	68	53
	2/18/2014	50.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/27/2014	50.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Ammonia (N)

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/15/1995		1	0.258	0.214	0.18	0.39	0.281		
	5/15/1995		1	0.055	0.056	0.023	0.035	0.107		
	7/25/1995	0.010	1	0.09	0.059		0.033	*ND		
	7/27/1995		1			0.18				
	10/3/1995	0.010	1	*ND	*ND	*ND	0.041	*ND		
	3/25/1996	0.010	1	*ND	*ND	*ND		*ND		
	5/20/1996	0.010	1	*ND	*ND	0.016	0.012	0.021		
	7/1/1996	0.010	1	*ND	*ND	0.03	0.055	*ND		
	8/5/1996	0.010	1	*ND	*ND	*ND	*ND	*ND		
	9/3/1996	0.010	1	0.078	*ND	0.03	0.062	*ND		
	9/30/1996	0.010	1	0.056	*ND	*ND	0.151	*ND		
	3/4/1997		1	0.01	0.051	0.037	0.243	0.121		
	5/14/1997	0.010	1	0.061	0.029	*ND	0.042	*ND		
	7/8/1997	0.010	1	*ND	*ND	*ND		0.177		
	7/16/1997	0.010	1				*ND			
	8/4/1997	0.010	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/2/1997	0.010	1	0.035	0.022	0.029	0.088	*ND	0.05	
	10/6/1997	0.010	1	*ND	*ND	0.027		*ND	*ND	
	5/19/1998		1	0.047	0.156	0.099	0.058	0.167	0.098	
	7/6/1998	0.010	1	*ND	*ND	*ND	*ND	*ND	*ND	
	8/3/1998	0.010	1	0.085	0.033	0.064	*ND	0.047	0.021	
	9/8/1998	0.010	1	*ND	0.022	*ND		0.021	*ND	
	10/19/1998	0.010	1	0.081	0.075	*ND		0.038	0.032	
	10/21/1998		1				0.174			
	2/23/1999		1	0.154	0.104	0.057	0.162	0.095	0.056	
	5/25/1999		1	0.175	0.108	0.174	0.068		0.133	0.262
	8/2/1999	0.010	1	*ND	*ND	*ND	*ND		*ND	*ND
	10/11/1999	0.010	1	*ND	*ND	*ND	*ND		*ND	*ND
	2/14/2000		1	0.045	0.041	0.029	0.102		0.017	0.021
	5/2/2000	0.010	1	*ND	*ND	*ND	*ND		*ND	0.117
	8/1/2000	0.010	1	0.021	*ND	*ND	*ND		*ND	*ND
	10/9/2000	0.010	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/19/2001		1	0.046	0.03	0.019	0.042	0.046	0.035	0.421
	5/14/2001	0.010	1	*ND	*ND	*ND	*ND	*ND	*ND	0.197
	8/6/2001		1	0.059	0.039	0.037	0.11	0.052	0.044	0.042
	10/10/2001	0.010	1	0.036	0.011	0.03	0.188	*ND	0.013	0.028
	2/11/2002	0.010	1	*ND	*ND	*ND	0.119	*ND	*ND	0.075
	5/13/2002		1	0.046	0.027	0.017	0.051	0.116	0.038	0.021
	8/13/2002	0.010	1	0.013	0.031	*ND	0.011	*ND	*ND	*ND
	10/7/2002	0.010	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/10/2003		1	0.098	0.063	0.16	0.323	0.06	0.12	0.327

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/7/2003		1	0.021	0.013	0.052	0.063	0.022	0.012	0.06
	8/12/2003	0.010	1	*ND	0.079	*ND	0.017	0.042	*ND	*ND
	10/7/2003	0.010	1	*ND	*ND	*ND	0.218	*ND	*ND	*ND
	3/16/2004	0.010	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/18/2004	0.010	1	*ND	*ND	*ND	*ND	*ND	*ND	0.114
	8/10/2004	0.010	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	0.010	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2005	0.010	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2005	0.010	1	*ND	*ND	*ND	0.016	*ND	*ND	0.129
	8/16/2005		1	0.094	0.103	0.062	0.078	0.042	0.024	0.078
	10/11/2005	0.010	1	*ND	*ND	*ND	0.11	*ND	*ND	*ND
	2/14/2006	0.010	1	0.078	0.039	0.024	0.046	0.033	*ND	0.024
	5/9/2006	0.010	1	0.021	0.057	0.013	*ND	*ND		0.185
	8/15/2006	0.010	1	0.02	0.135	0.037	*ND	*ND	0.021	0.015
	10/9/2006	0.010	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/20/2007	0.010	1	*ND	0.033	*ND	*ND	0.01	*ND	0.031
	5/15/2007		1	0.066	0.079	0.017	0.023	0.028	0.023	0.177
	8/21/2007	0.010	1	0.242	0.028	0.031	0.171	0.022	*ND	*ND
	10/24/2007	0.010	1	0.012	*ND	0.036	0.114	0.033	0.041	*ND
	2/26/2008	0.030	1	0.056	*ND	0.065	0.133	*ND	0.092	0.105
	5/20/2008	0.030	1	*ND	*ND		*ND	0.03	*ND	0.091
	8/18/2008	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/20/2008	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	0.030	1	0.109	0.108	0.062	*ND	0.089	0.112	0.151
	5/12/2009	0.030	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	0.030	1	*ND	0.086	0.03	0.033	0.037	*ND	*ND
	11/3/2009	0.030	1	0.11	0.085	0.072	0.032	*ND	*ND	0.052
	3/3/2010		1	0.14	0.09	0.071	0.068	0.114	0.119	
	5/19/2010		1	0.121	0.142	0.047	0.077	0.099		
	7/27/2010	0.170	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	0.170	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	0.168
	5/24/2011	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	0.042
	7/26/2011	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	0.030	1	0.086	0.075	*ND	*ND	*ND	*ND	0.041
	2/2/2012		1	0.051	0.04	0.058	0.064	0.051	0.03	0.036
	5/9/2012		1	0.032	0.032	0.03	0.035	0.113	0.069	0.066
	8/7/2012	0.030	1	0.147	0.042	0.092	*ND	*ND	*ND	*ND
	10/22/2012	0.030	1	0.05	0.076	0.051	0.079	*ND	*ND	0.043
	2/11/2013		1	0.09	0.068	0.053	0.099	0.074	0.089	0.171
	5/22/2013	0.030	1	*ND	*ND	*ND	*ND	0.039	0.032	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/19/2013	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	0.030	1	0.037	0.03	0.031	0.043	*ND	0.034	0.057
	2/18/2014	0.030	1	0.048	*ND	0.03	0.061	0.054	0.044	0.154
	5/27/2014	0.030	1	*ND	*ND	*ND	0.1	*ND	0.04	0.03
Ammonia (N)-Dissolved										
	7/20/2009	0.030	1	0.031	0.088	0.038	*ND	0.041	*ND	*ND
	11/3/2009	0.030	1	0.113	0.088	0.071	0.037	*ND	*ND	0.05
	3/3/2010		1	0.117	0.082	0.066		0.11	0.129	
	5/19/2010		1	0.121	0.148	0.048	0.078	0.1		
	7/27/2010	0.170	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	0.170	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	0.06
	7/26/2011	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	0.030	1	0.086	0.044	*ND	*ND	0.031	*ND	0.033
	2/2/2012	0.030	1	*ND	0.048	0.062	0.049	0.053	0.032	0.031
	5/9/2012	0.030	1	*ND	0.051	0.033	0.04	0.109	0.069	0.068
	8/7/2012	0.030	1	0.149	0.042	0.09	*ND	*ND	*ND	*ND
	10/22/2012	0.030	1	0.049	0.081	0.053	0.073	*ND	*ND	0.051
	5/22/2013	0.030	1	*ND	*ND	*ND	*ND	*ND	0.031	*ND
	8/19/2013	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	0.030	1	*ND	*ND	*ND	0.046	*ND	0.03	0.042
	2/18/2014	0.030	1	0.047	*ND	*ND	0.058	0.042	0.049	0.151
	5/27/2014	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	0.04
Anion Sum										
	3/15/1995		1	10.17	29	51.58	141.2	23.63		
	5/15/1995		1	17.64	30.19	51.88	114	16.65		
	7/25/1995		1	24.49	30.39	56.48	124.9	16.21		
	10/3/1995		1	28.91	29.69	54.66	123.4	21.25		
	3/25/1996		1	32.05	28.55	37.59		22.46		
	5/20/1996		1	18.19	24.51	43.51	117.7	18.77		
	7/1/1996		1	19.19	25.55	50.18	119.2	18.54		
	8/5/1996		1	21.27	23.59	47.18	114.5	18.32		
	9/3/1996		1	24.87	26.95	53.76	112.9	18.39		
	9/30/1996		1	22.24	24.3	45.48	105.2	18.36		
	3/4/1997		1	27.81	26.13	40.97	129.4	25.09		
	5/14/1997		1	13.45	27.27	47.31	123.7	18.99		
	7/8/1997		1	20.98	23.29	39.4		16.75		
	7/16/1997		1				107.7			
	8/4/1997		1	21	23.68	40.72	105.7	17.82	15.49	
	9/2/1997		1	20.38	23.32	38.15	104.6	17.57	15.51	
	10/6/1997		1	21.69	24.03	38.74		18.29	17.1	

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/19/1998		1	20.34	22.89	34.54	98.27	18.64	17.63	
	7/6/1998		1	21.18	23.16	35.3	85.81	19.42	18.6	
	8/3/1998		1	21.99	22.36	37.34	84.71	19.65	19.11	
	9/8/1998		1	21.83	23.5	39.18		20.45	19.76	
	10/19/1998		1	24.64	24.05	41.15	89.83	20.61	20.37	
	2/23/1999		1	25.17	25.64	44.63	94.06	24.55	24.15	
	5/25/1999		1	18.98	22.89	38.53	84.6		18.36	8.058
	8/2/1999		1	21.51	21.66	38.68	82.89		18.4	9.895
	10/11/1999		1	21.98	22.41	39.92	84.56		19.05	10.46
	2/14/2000		1	23.57	23.95	41.75	83.25		21.93	15.03
	5/2/2000		1	22.54	23.49	40.03	82.47		20.57	14.74
	8/1/2000		1	22.79	23.45	38.38	80.75		20.66	16.15
	10/9/2000		1	23.21	23.09	38.34	77.91	21.48	21.43	16.88
	3/19/2001		1	25.04	24.14	34.3	68.99	23.94	24.63	12.45
	5/14/2001		1	17.41	24.01	38.49	73.25	22.87	21.89	12.01
	8/6/2001		1	22.72	23.45	36.23	73.93	22.28	21.83	14.66
	10/10/2001		1	23.21	23.98	38.7	76.58	22.44	22.12	14.67
	2/11/2002		1	25.17	25.07	38.36	76.67	25.4	25.57	17.31
	5/13/2002		1	22.12	21.39	35.59	61.26	21.98	19.75	15.37
	8/13/2002		1	23.35	24.57	37.71	72.23	23.68	23.67	19.02
	10/7/2002		1	23.44	24.93	36.36	68.96	23.91	23.5	14.38
	2/10/2003		1	26.63	27.01	41.15	71.92	27.01	27.76	24.27
	5/7/2003		1	20.19	23.49	32.56	66.69	24.12	22.31	17.56
	8/12/2003		1	24.61	24.89	35.1	66.2	23.57	23.27	20.28
	10/7/2003		1	25.6	25.31	36.56	69.75	24.6	24.2	22.01
	3/16/2004		1	27.19	28.07	34.41		27.76	29.28	26.02
	5/18/2004		1	21.06	24.45	34.39	60.07	23.29	22.84	16.87
	8/10/2004		1	23.84	20.9	35.16		23.21	23.8	17.8
	10/6/2004		1	23.94	24.93	35.6	60.54	23.88	23.41	18.25
	3/8/2005		1	25.19	25.98	34.76	60.82	25.86	26.24	22.78
	5/24/2005		1	23.74	24.73	33.86	54.65	23.32	24.97	18.47
	8/16/2005		1	22.46	24.27	34.01	52.78	22.94	23.56	17
	10/11/2005		1	23.4	24.27	33.5	50.62	23.66	23.73	17.74
	2/14/2006		1	24.32	25.78	31.57	46.95	26.05	26.54	20.95
	5/9/2006		1	22.21	24.06	32.68	46.96	23.06		14.21
	8/15/2006		1	23.45	23.9	32.23	42.63	23.21	23.13	16.21
	10/9/2006		1	24.29	24.22	32.54		23.48	23.21	17.56
	2/20/2007		1	26.73	26.7	35.87	44.56	26.72	28.06	21.81
	5/15/2007		1	24.08	24.44	32.61	41.65	23.59	22.98	17.8
	8/21/2007		1	22.77	23.78	31.32	38.35	23.49	23.01	19.44
	10/24/2007		1	23.43	23.62	31.72	39.56	23.59	23.77	20.55

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/26/2008		1	26.34	26.92	35.38	42.6	27.31	28.93	27.34
	5/20/2008		1	24.46	24.79		39.02	56.07	23.81	20.73
	8/18/2008		1	25.21	25.64	33.02	38.91	24.71	24.58	21.84
	10/20/2008		1	25.06	24.96	31.69	38.58	23.8	24.29	21.88
	3/3/2009		1	26.34	27.28	34.33	41.65	27.13	28.7	28.57
	5/12/2009		1	19.22	24.14	31.11	36.36	22.39		11.17
	7/20/2009		1	20.69	22.68	30.01	35.71	21.18	21.17	13.51
	11/3/2009		1	22.11	23.44	31.71	36.19	22	21.77	16
	3/3/2010		1	20.91	24.06	29.97	36.11	23.36	22.39	
	5/19/2010		1	21.35	22.26	29.11	35.23	20.64		
	7/27/2010		1	20.9	23.33	30.6	37.16	20.86		15.72
	10/19/2010		1	22.19	22.72	29.99	35.73	21.63	21.18	17.01
	3/8/2011		1	23.46	24.09	30.57	36.32	23.02	23.27	19.26
	5/24/2011		1	19.82	20.52	25.93	30.81	18.44	18.05	11.59
	7/26/2011		1	21.95	21.75	28.99	33.18	20.18	20.07	13.7
	10/10/2011		1	22.37	23.5	30.79	34.46	21.25	20.7	15.64
	2/2/2012		1	22.44	23.01	29.89	34.1	22.07	21.91	18.26
	5/9/2012		1	22.05	22.63	28.66	33.34	21.04	20.42	17.31
	8/7/2012		1	22.49	23.17	29.99	34.61	21.99	21.79	19.04
	10/22/2012		1	23.56	23.77	30.45	35.68	22.77	22.59	20.15
	2/11/2013		1	25.05	24.81	31.16	37.27	24.69	24.99	24.33
	5/22/2013		1	21.37	22.68	28.83	33.74	21.12	20.08	16.59
	8/19/2013		1	21.66	22.28	28.37	33.31	21.27	21.29	15.59
	10/21/2013		1	22.64	22.81	29.44	33.54	22.15	22.12	17.1
	2/18/2014		1	24.31	24.77	31.07	35.45	24.62	25.36	22.39
	5/27/2014		1	21.5	21.75	26.93	31.06	20.78	20.01	16.16
Antimony (Sb)										
	5/14/1997	1.000	1	1.4	3.27	*ND	2.26	1.37		
	7/8/1997	1.000	1	*ND	*ND	*ND		*ND		
	7/16/1997	1.000	1				*ND			
	8/4/1997	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/2/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	
	9/3/1997	5.000	1				*ND			
	10/6/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/20/1998	5.000	1				*ND			
	7/6/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	7/7/1998	5.000	1				*ND			
	8/3/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	8/4/1998	5.000	1				*ND			
	9/8/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/21/1998	5.000	1				*ND			
	2/23/1999	1.000	1	*ND	*ND	*ND		*ND	*ND	
	2/24/1999	5.000	1				*ND			
	5/25/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/2/1999	2.000	1	*ND	*ND	*ND			*ND	*ND
	8/3/1999	5.000	1				*ND			
	10/11/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	2/14/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	2/15/2000	5.000	1				*ND			
	5/2/2000	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/1/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/2/2000	5.000	1				*ND			
	10/9/2000	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/19/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/20/2001	5.000	1				*ND			
	5/14/2001	2.000	1		*ND					
	5/14/2001	1.000	1	*ND		*ND	*ND	*ND	*ND	*ND
	8/6/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	8/7/2001	5.000	1				*ND			
	10/10/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/11/2001	5.000	1				*ND			
	2/11/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/11/2002	5.000	1				*ND			
	5/13/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/14/2002	5.000	1				*ND			
	10/7/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/8/2002	5.000	1				*ND			
	2/10/2003	5.000	1				*ND			
	2/10/2003	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/12/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/16/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/18/2004	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/10/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/7/2004	5.000	1				*ND			
	3/8/2005	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/9/2005	5.000	1				*ND			
	5/24/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/16/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/11/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/14/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2006	1.000	1	*ND	*ND	*ND	3.14	*ND		*ND
	8/15/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/9/2006	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/20/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/15/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/21/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/24/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/26/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/20/2008	1.000	1	*ND	*ND		*ND	1	*ND	*ND
	8/18/2008	10.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/20/2008	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Arsenic (As)										
	10/3/1995		1	12.8	12.4	24.3	40.2	9.05		
	3/25/1996		1	11.4	15.1	16.8		9.44		
	5/20/1996		1	8.36	13.3	23.6	42.6	7.94		
	7/1/1996		1	10.4	9.97	17.9	43	9.31		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/5/1996		1	9.13	10.4	18.9	36.6	9.76		
	9/3/1996		1	11	11.1	21.9	34.9	8.94		
	9/30/1996		1	9.24	10.1	18.1	37.6	7.64		
	3/4/1997		1	13.9	14.3	27.4	39.7	10.9		
	5/14/1997		1	8.5	13.4	19.7	43	9.67		
	7/8/1997		1	11	10.7	18.4		7.92		
	7/16/1997		1				35.6			
	8/4/1997		1	9.79	10.5	15	35.5	7.66	6.91	
	9/2/1997		1	9.19	10.6	15.5	42.1	8.53	7.75	
	10/6/1997		1	9.93	10.9	16.7		8.24	7.73	
	5/19/1998		1	8.34	8.93	13.9	32.3	6.96	6.43	
	7/6/1998		1	9.09	9.64	14.7	29.8	8.1	7.99	
	8/3/1998		1	11.2	11.1	16.4	164	10.8	10.5	
	9/8/1998		1	11.4	11.3	16.7		11.6	11.3	
	10/19/1998		1	10.9	11	16.4	30.7	9.96	9.78	
	2/23/1999		1	11.1	11.3	18.2	36.6	10.6	11.7	
	5/25/1999		1	8.3	10.1	16.3	31.4		7.99	4.18
	8/2/1999		1	10.5	10.4	17.7	34.1		9.92	6.78
	10/11/1999		1	9.51	9.83	16.6	27.6		8.37	5.11
	2/14/2000		1	10.5	12.3	18.8	33.2		10.4	5.78
	5/2/2000		1	7.68	8.92	14.5	30.5		7.34	5.19
	8/1/2000		1	10.1	9.98	14.7	29.9		9.67	9.61
	10/9/2000		1	8.99	10.5	15.5	29.1	9.19	9.34	9.43
	3/19/2001		1	9.59	9.45	15.7	26.9	9.61	9.67	5.34
	5/14/2001		1	6.52	8.18	13.5	24.7	7.52	7.27	5.54
	8/6/2001		1	10.3	9.86	14.7	26.7	10.8	9.71	7.64
	10/10/2001		1	9.75	10.2	15	27	10.1	9.95	5
	2/11/2002		1	10.3	10.1	15.3	25.3	10.5	10.9	4.68
	5/13/2002		1	9.22	9.38	13.8	24.9	9.28	9.76	5.38
	10/7/2002		1	11.2	11.5	14.5	24.5	11	10.9	7.05
	2/10/2003		1	11.7	12.7	16.5	28.3	13	12.7	11.6
	5/7/2003		1	9.16	10.3	12.7	24.7	12.1	9.68	7.94
	8/12/2003		1	11.6	11.5	15.7	26.2	11.4	11.7	12.5
	10/7/2003		1	11.5	12.9	16.8	26.7	11.2	10.9	12.4
	3/16/2004		1	11.7	11.7	14.9		11.5	11.4	12.6
	5/18/2004		1	8.32	10.5	13.6	21	9.09	8.76	7.51
	8/10/2004		1	13.4	11.4	19		12	11.8	9.25
	10/6/2004		1	11.4	11.5	14.1	22.2	11	11.4	8.01
	3/8/2005		1	10.3	10.7	14.1	22.6	11.1	10.6	7.53
	5/24/2005		1	9.15	9.46	11.5	18	8.97	10	6.22
	8/16/2005		1	12.3	13.6	16.8	25.3	12.5	12.4	10.8

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/11/2005		1	12.5	11.9	12.8	21.8	12.6	13.3	10
	2/14/2006		1	10.2	10.6	12.2	16	11.1	11.3	9.59
	5/9/2006		1	7.74	9.83	9.78	16.3	9.2		6.39
	8/15/2006		1	8.81	9.6	12	17.8	9.93	9.24	9.41
	10/9/2006		1	9.9	9.4	12		10.2	9.96	8.21
	2/20/2007		1	9.92	9.8	12.4	16.7	10.5	11.8	9
	5/15/2007		1	9.37	9.55	12.2	15.9	9.55	9.56	8.1
	8/21/2007		1	12.3	12.8	14.1	18.9	12.5	12.5	13.5
	10/24/2007		1	11.2	11.1	14.5	16.1	11.3	11.2	11.9
	2/26/2008		1	11.5	11.6	12.7	15.8	11.8	11.7	11.7
	5/20/2008		1	11.1	11.9		16.6	24	10.6	8.29
	8/18/2008		1	30.5	25.8	20.9	51.5	25.1	30.9	25.5
	10/20/2008		1	14.7	19.6	16.2	19.6	12.7	13.2	9.82
	3/3/2009		1	15	15.2	20.2	21.5	16	14.9	13.7
	5/12/2009		1	14	16.6	16.5	24.5	13		6.35
	7/20/2009		1	12.5	10.4	14.3	15.4	7.94	9.04	6.52
	11/3/2009	5.000	1	11	11.3	13.9	*ND	10.6	9.88	8.34
	3/3/2010		1	9.64	10.1	13	14.8	8.63	8.95	
	5/19/2010		1	9.3	10	13	14.2	8.29		
	7/27/2010		1	8.9	9.26	12	12.6	9.58		7.34
	10/19/2010		1	8.09	8.96	11.6	12.7	10.3	8.77	7.65
	3/8/2011		1	11.1	11.1	13.4	15.3	11.7	11.6	9.48
	5/24/2011		1	9.37	9.27	12.4	14.3	8.43	8.27	5.44
	7/26/2011		1	9.61	10.1	13.1	14	9.47	8.82	7.6
	10/10/2011		1	10.5	11.9	14.7	16.7	10.4	10.3	10.1
	2/2/2012		1	8.26	8.32	10.8	13.3	8.69	8.47	7.51
	5/9/2012		1	8.38	8.68	12	14.3	8.58	8.48	6.92
	8/7/2012		1	11.9	11.1	12.4	14.7	12	10.6	10.8
	10/22/2012		1	11.4	11.8	12.9	16.1	12.2	12.2	11
	2/11/2013		1	11.8	12	13.6	15.8	12.8	13.7	12.7
	5/22/2013		1	10.8	11.1	11.2	13.6	9.68	9.96	9.5
	8/19/2013		1	11.1	12.2	14.1	14.2	12.7	12.3	10.7
	10/21/2013		1	13.4	13.9	14	14.3	11.6	12.7	9.03
	2/18/2014		1	13.3	13.3	14.6	15	13.4	13.2	9.61
	5/27/2014		1	11.3	11.6	12.2	12.7	9.65	9.77	6.4
Barium (Ba)										
	10/3/1995		1	56	52.8	52.4	42.1	59.6		
	3/25/1996		1	64.7	55.7	55		75.2		
	5/20/1996		1	48.2	51.6	50.9	36.8	55.5		
	7/1/1996		1	51.3	51.1	46	34.7	57.7		
	8/5/1996		1	52.1	47.8	49.4	36.4	64.6		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	9/3/1996		1	55.4	49.9	46	40.5	59.8		
	9/30/1996		1	78.5	74.7	72.9	39.5	69.4		
	3/4/1997		1	56.5	58.2	62.1	41.2	75.3		
	5/14/1997		1	44.5	54.1	50.7	40.5	56.9		
	7/8/1997		1	52.7	51.4	56.1		59.8		
	7/16/1997		1				42.5			
	8/4/1997		1	53.1	54.5	51.2	49.1	64.9	67.4	
	9/2/1997		1	70.6	59.3	60.5	47.3	71.1	89.6	
	10/6/1997		1	60.1	57.9	68.5		65.6	75.8	
	5/19/1998		1	55.3	57.5	55.2	59.4	66.8	71.4	
	7/6/1998		1	61.3	64.2	65.4	51.3	69.8	73.3	
	8/3/1998		1	63.1	61.7	64.7	289	72.4	81	
	9/8/1998		1	64.6	62.7	65.4		72.7	80.5	
	10/19/1998		1	61.8	63.3	70.1	60.6	79.4	85.4	
	2/23/1999		1	72.5	67.9	69.5	79.7	88.1	98	
	5/25/1999		1	61.4	65.2	59.5	59.4		73.1	57
	8/2/1999		1	65	64.4	63.4	57.5		77.3	68.9
	10/11/1999		1	67.4	68	74.2	79.1		74.6	98.1
	2/14/2000		1	62.9	60.5	65.1	55.8		75	101
	5/2/2000		1	70.8	64.9	67.2	84.9		74.8	77
	8/1/2000		1	61.1	64.1	56.2	59.5		74	89.4
	10/9/2000		1	63	68.2	61.8	62.3	77.5	79.5	86.3
	3/19/2001		1	69.5	63.9	65.5	61.8	75.9	80.6	95.3
	5/14/2001		1	58.5	60.4	57.8	53.3	73	74.7	63.5
	8/6/2001		1	63.9	63.5	59.6	56.3	72.3	76.1	74.8
	10/10/2001		1	68.9	67.4	65.5	58.9	77.5	76.9	73.4
	2/11/2002		1	76.1	75.5	62.1	67.5	79	88	89.8
	5/13/2002		1	70.4	71.7	66.6	66.6	78	76.6	98.1
	10/7/2002		1	69.8	69.9	67.7	68.3	87.8	89.1	104
	2/10/2003		1	69.5	65.8	64.6	70.5	72.9	83.2	98.9
	5/7/2003		1	60	68.1	57.5	63.7	74.8	76.2	84.3
	8/12/2003		1	70	70.4	62.2	57.5	77.3	77.6	91.5
	10/7/2003		1	65.6	68.3	59.7	56.3	67.8	70.7	88.5
	3/16/2004		1	76.7	72.3	67.3		80.6	84.3	104
	5/18/2004		1	74.5	58.1	57.5	56.3	78.4	78.9	70.9
	8/10/2004		1	57.5	61.9	54.1		70.8	73.5	78.6
	10/6/2004		1	70.5	69.2	60.5	53.2	79.1	79.3	84.1
	3/8/2005		1	72.7	68.5	74.6	58.8	80	81.7	93
	5/24/2005		1	66.6	67.1	55.3	60.7	78	74.1	83.4
	8/16/2005		1	70.2	68.5	59.7	56.6	81.2	83.1	76.9
	10/11/2005		1	69.5	70.1	66.9	57.8	86.6	78.8	84.9

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/14/2006		1	71.1	63.1	65.8	57.9	68.9	79.3	84.6
	5/9/2006		1	53	67.9	45.9	55.9	67.4		64.1
	8/15/2006		1	76	71	62.1	67.2	80	82	68.8
	10/9/2006		1	74.6	63.9	56.4		72.7	71.8	71.1
	2/20/2007		1	107	94.5	87.5	85.5	102	118	121
	5/15/2007		1	77.1	76	60.1	58.5	80	77	82.9
	8/21/2007		1	73.7	73.1	65.5	63.8	78	81.7	96.8
	10/24/2007		1	68.7	68.9	62.2	51.3	75.3	74.8	88.8
	2/26/2008		1	76.6	73	60.9	53.6	76	83.8	102
	5/20/2008		1	73.3	75.2		54.2	137.2	77.3	88.5
	8/18/2008		1	154	145	72.5	159	147	177	167
	10/20/2008		1	81	101	53.6	53.4	77.3	82.1	102
	3/3/2009		1	85.3	72.9	71.9	57.6	78.2	85.6	118
	5/12/2009		1	75.9	82.1	59.9	67.4	81.3		54.4
	7/20/2009		1	69.7	70.1	66.8	59.2	61.4	71.5	55.3
	11/3/2009		1	69.7	74.3	64.7	59.4	78.7	73.9	76.7
	3/3/2010		1	68.1	62.2	54	51.9	60.5	65.1	
	5/19/2010		1	60.9	61	56.7	51.4	61.5		
	7/27/2010		1	55	56.5	51.5	49	59.9		65.9
	10/19/2010		1	61.7	60.5	58.8	54.9	72	63.7	84.4
	3/8/2011		1	79.9	72.6	69.9	63	79.5	82.1	97.6
	5/24/2011		1	73.8	69.5	64.4	67.9	73.9	73.1	66.2
	7/26/2011		1	67.6	74.5	68.6	66.9	74.7	72.4	76.1
	10/10/2011		1	70.6	74.3	65.1	69	74.4	79.9	67.1
	2/2/2012		1	76.4	70.8	81.4	65.8	96.3	73	87.5
	5/9/2012		1	73.3	72.7	66	64.6	75.7	72.4	79.4
	8/7/2012		1	68.4	65.2	57.5	62.6	82	61.9	72.9
	10/22/2012		1	69.7	71.2	64.3	67.6	76.5	77.1	81.4
	2/11/2013		1	76.4	70	66.2	64.4	76.5	85.7	90.2
	5/22/2013		1	67	67	62.2	66.1	63.9	77.2	88.4
	8/19/2013		1	65.9	69.9	65.9	60.4	73.5	70.9	77.6
	10/21/2013		1	75.3	72.9	68.3	61.1	73.7	76.3	78.7
	2/18/2014		1	73.8	71.1	66.4	59.9	77.5	76.1	89.1
	5/27/2014		1	69.8	67.4	62	54.2	64.4	68.1	73.8
Beryllium (Be)										
	5/14/1997	0.200	1	*ND	*ND			*ND		
	5/15/1997	1.000	1			*ND	*ND			
	7/8/1997	1.000	1	*ND	*ND	*ND		*ND		
	7/16/1997	1.000	1				*ND			
	8/4/1997	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/2/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	9/3/1997	5.000	1				*ND			
	10/6/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/20/1998	5.000	1				*ND			
	7/6/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	7/7/1998	5.000	1				*ND			
	8/3/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	8/4/1998	5.000	1				*ND			
	9/8/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/21/1998	5.000	1				*ND			
	2/23/1999	1.000	1	*ND	*ND	*ND		*ND	*ND	
	2/24/1999	5.000	1				*ND			
	5/25/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/2/1999	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/3/1999	5.000	1				*ND			
	10/11/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	2/14/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	2/15/2000	5.000	1				*ND			
	5/2/2000	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/1/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/2/2000	5.000	1				*ND			
	10/9/2000	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/19/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/20/2001	5.000	1				*ND			
	5/14/2001	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/6/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	8/7/2001	5.000	1				*ND			
	10/10/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/11/2001	5.000	1				*ND			
	2/11/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/11/2002	5.000	1				*ND			
	5/13/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/14/2002	5.000	1				*ND			
	10/7/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/8/2002	5.000	1				*ND			
	2/10/2003	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/10/2003	5.000	1				*ND			
	5/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/12/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/16/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/18/2004	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/10/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/7/2004	5.000	1				*ND			
	3/8/2005	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/9/2005	5.000	1				*ND			
	5/24/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/16/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/11/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/14/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2006	1.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	8/15/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/9/2006	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/20/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/15/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/21/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/24/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/26/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/20/2008	1.000	1	*ND	*ND		*ND	1	*ND	*ND
	8/18/2008	10.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/20/2008	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Bicarbonate (HCO3)										
	3/15/1995		1	130	424	502	625	558		
	5/15/1995		1	251	385	429	546	348		
	7/25/1995		1	330	324	432	525	280		
	10/3/1995		1	370	359	457	562	360		
	3/25/1996		1	425	433	438		431		
	5/20/1996		1	286	365	405	516	328		
	7/1/1996		1	288	332	425	528	313		
	8/5/1996		1	305	329	397	469	316		
	9/3/1996		1	303	318	393	527	303		
	9/30/1996		1	365	355	419	562	329		
	3/4/1997		1	440	419	517	616	467		
	5/14/1997		1	236	368	397	545	291		
	7/8/1997		1	330	342	397		318		
	7/16/1997		1				510			
	8/4/1997		1	300	309	378	482	278	236	
	9/2/1997		1	301	319	378	517	318	291	
	10/6/1997		1	341	353	399		339	331	
	5/19/1998		1	329	363	409	603	351	342	
	7/6/1998		1	279	304	360	540	299	312	
	8/3/1998		1	350	342	401	490	331	341	
	9/8/1998		1	333	349	412		358	351	
	10/19/1998		1	448	360	405	571	371	370	
	2/23/1999		1	442	422	484	628	451	462	
	5/25/1999		1	368	368	420	559		355	256
	8/2/1999		1	349	329	417	520		320	259
	10/11/1999		1	340	331	391	538		318	317
	2/14/2000		1	401	373	426	601		396	453
	5/2/2000		1	359	351	402	533		339	352
	8/1/2000		1	309	327	378	474		299	295
	10/9/2000		1	386	338	418	519	373	355	354
	3/19/2001		1	436	412	477	588	429	479	334
	5/14/2001		1	269	341	382	460	394	384	301
	8/6/2001		1	312	329	338	462	335	345	255
	10/10/2001		1	335	341	386	488	339	331	306
	2/11/2002		1	419	396	448	555	415	401	399
	5/13/2002		1	385	387	404	519	388	367	335
	8/13/2002		1	327	354	393	462	355	366	374

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/7/2002		1	332	335	419	456	358	361	306
	2/10/2003		1	386	354	454	645	367	429	499
	5/7/2003		1	337	377	442	538	439	381	367
	8/12/2003		1	351	366	377	413	380	357	375
	10/7/2003		1	368	370	406	481	383	391	364
	3/16/2004		1	408	381	447		425	477	485
	5/18/2004		1	305	352	418	488	364	366	336
	8/10/2004		1	360	374	392		368	346	314
	10/6/2004		1	350	349	386	449	357	344	335
	3/8/2005		1	427	405	455	528	452	451	472
	5/24/2005		1	359	370	416	476	373	500	380
	8/16/2005		1	342	343	374	416	373	344	291
	10/11/2005		1	323	336	377	427	373	374	347
	2/14/2006		1	429	377	422	520	387	416	421
	5/9/2006		1	370	380	408	462	354		342
	8/15/2006		1	352	363	376	402	349	336	263
	10/9/2006		1	369	375	374		359	338	339
	2/20/2007		1	456	437	454	442	435	446	481
	5/15/2007		1	399	410	418	422	393	362	376
	8/21/2007		1	347	362	386	417	349	350	336
	10/24/2007		1	385	355	410	415	390	360	360
	2/26/2008		1	393	373	475	454	392	482	522
	5/20/2008		1	347	352		394	774	355	424
	8/18/2008		1	338	345	367	392	338	330	319
	10/20/2008		1	353	342	364	395	331	328	338
	3/3/2009		1	432	389	408	423	402	420	476
	5/12/2009		1	295	357	370	380	334		240
	7/20/2009		1	343	351	368	394	336	338	264
	11/3/2009		1	373	377	413	375	380	372	340
	3/3/2010		1	414	391	457	454	408	417	
	5/19/2010		1	350	366	401	407	360		
	7/27/2010		1	341	331	372	414	330		343
	10/19/2010		1	324	327	390	422	322	315	348
	3/8/2011		1	383	357	407	441	359	365	439
	5/24/2011		1	341	346	370	407	348	346	270
	7/26/2011		1	383	363	406	431	359	375	319
	10/10/2011		1	363	359	392	415	360	359	337
	2/2/2012		1	399	385	428	451	399	397	394
	5/9/2012		1	378	380	418	437	382	381	365
	8/7/2012		1	378	369	405	419	354	343	343
	10/22/2012		1	385	364	401	425	367	360	387

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/11/2013		1	429	420	470	480	436	443	478
	5/22/2013		1	397	412	443	470	396	387	379
	8/19/2013		1	332	350	375	387	335	340	292
	10/21/2013		1	389	389	431	436	393	407	386
	2/18/2014		1	423	415	466	470	443	460	489
	5/27/2014		1	396	392	426	437	388	387	370
Boron (B)										
	7/25/1995		1	308	264	643	1250	211		
	3/25/1996		1	336	370	397		230		
	9/3/1996		1	348	350	644	1230	268		
	5/14/1997		1	210	365	616	1080	293		
	7/8/1997		1	280	303	540		197		
	7/16/1997		1				1040			
	8/4/1997		1	288	309	484	1140	229	222	
	9/2/1997		1	259	296	452	1280	223	198	
	10/6/1997		1	251	281	483		217	207	
	5/19/1998		1	251	301	461	1100	227	211	
	7/6/1998		1	269	297	467	1070	236	227	
	8/3/1998		1	240	258	368	972	207	217	
	9/8/1998		1	256	261	409		234	223	
	10/19/1998		1	272	294	492	1160	244	239	
	2/23/1999		1	314	290	536	1210	265	281	
	5/25/1999		1	224	287	452	1070		215	72
	8/2/1999		1	248	250	458	1070		219	116
	10/11/1999		1	269	281	475	948		233	86
	2/14/2000		1	283	298	480	1090		267	117
	5/2/2000		1	259	260	472	935		225	167
	8/1/2000		1	274	276	468	944		256	170
	10/9/2000		1	269	274	461	874	252	260	187
	3/19/2001		1	321	327	497	903	320	309	108
	5/14/2001		1	191	257	451	809	253	240	109
	8/6/2001		1	258	275	439	835	252	233	143
	10/10/2001		1	258	271	448	853	244	241	155
	2/11/2002		1	310	305	510	936	296	288	180
	5/13/2002		1	282	268	437	862	252	249	192
	10/7/2002		1	280	278	414	748	271	264	120
	2/10/2003		1	285	297	478	844	306	310	257
	5/7/2003		1	252	287	416	797	258	258	199
	8/12/2003		1	278	279	425	758	271	274	226
	10/7/2003		1	279	286	444	813	261	272	215
	3/16/2004		1	372	363	493		377	377	328

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/18/2004		1	249	300	453	798	283	303	183
	8/10/2004		1	297	302	467		302	318	222
	10/6/2004		1	240	242	358	664	230	231	162
	3/8/2005		1	279	309	404	632	288	295	226
	5/24/2005		1	234	246	348	563	229	246	173
	8/16/2005		1	212	227	441	491	240	217	171
	10/11/2005		1	274	257	400	635	288	250	223
	2/14/2006		1	284	343	441	588	339	364	255
	5/9/2006		1	322	363	499	613	387		293
	8/15/2006		1	286	291	422	572	287	278	195
	10/9/2006		1	270	277	408		288	259	206
	2/20/2007		1	331	316	446	597	308	352	249
	5/15/2007		1	331	322	496	616	302	339	231
	8/21/2007		1	285	301	413	535	294	301	257
	10/24/2007		1	301	328	449	540	315	312	271
	2/26/2008		1	338	369	454	570	347	392	331
	5/20/2008		1	307	303		499	711	305	249
	8/18/2008		1	300	290	400	461	330	316	307
	10/20/2008		1	321	304	431	493	312	301	281
	3/3/2009		1	310	333	434	528	337	356	332
	5/12/2009		1	222	265	344	416	240		132
	7/20/2009		1	306	308	434	525	241	269	164
	11/3/2009		1	292	302	414	486	292	291	209
	3/3/2010		1	263	294	388	468	271	286	
	5/19/2010		1	249	254	347	393	240		
	7/27/2010		1	239	255	357	408	246		182
	10/19/2010		1	272	303	418	474	292	287	227
	3/8/2011		1	254	272	368	451	260	263	218
	5/24/2011		1	227	223	324	383	211	193	105
	7/26/2011		1	247	271	368	443	250	242	157
	10/10/2011		1	271	277	382	440	279	259	184
	2/2/2012		1	256	300	424	458	295	280	220
	5/9/2012		1	257	256	327	369	254	202	180
	8/7/2012		1	275	272	368	398	300	249	229
	10/22/2012		1	169	202	318	339	162	161	113
	2/11/2013		1	235	93	407	494	163	317	297
	5/22/2013		1	266	284	353	418	259	257	194
	8/19/2013		1	273	238	352	402	277	280	215
	10/21/2013		1	269	264	346	396	255	239	188
	2/18/2014		1	251	249	357	388	268	255	221
	5/27/2014		1	296	296	383	419	249	269	210

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
Bromide (Br)										
	5/24/2011		1				0.441		0.068	
	7/26/2011	0.050	1	0.157	0.18	0.336	0.51	0.141	0.107	*ND
	10/10/2011		1	0.182	0.188	0.361	0.46	0.158	0.16	0.08
	2/2/2012		1	0.158	0.202	0.381	0.473	0.158	0.158	0.095
	5/9/2012		1	0.18	0.202	0.34	0.439	0.153	0.147	0.076
	8/7/2012		1	0.137	0.175	0.288	0.369	0.141	0.146	0.065
	10/22/2012		1	0.205	0.212	0.362	0.462	0.183	0.191	0.151
	2/11/2013		1	0.211	0.222	0.359	0.551	0.186	0.193	0.145
	8/19/2013		1							
	10/21/2013		1							
	2/18/2014		1	0.365	0.399	0.55	0.725	0.401	0.36	0.277
	5/27/2014		1	0.353	0.353	0.532	0.668	0.316	0.303	0.229
Cadmium (Cd)										
	10/3/1995	0.020	1	*ND	*ND	*ND	*ND	*ND		
	3/25/1996	0.020	1	*ND	*ND	*ND		0.04		
	5/20/1996	0.020	1	*ND	*ND	0.35	*ND	*ND		
	7/1/1996	0.020	1	*ND	*ND	0.33	*ND	*ND		
	8/5/1996	0.020	1	*ND	*ND	*ND	*ND	*ND		
	9/3/1996	0.020	1	*ND	*ND	*ND	*ND	*ND		
	9/30/1996	0.020	1	*ND	*ND	*ND	*ND	*ND		
	3/4/1997	0.020	1	*ND	*ND	*ND	*ND	*ND		
	5/14/1997	0.020	1	*ND	*ND			*ND		
	5/15/1997	1.000	1			*ND	*ND			
	7/8/1997	1.000	1	*ND	*ND	*ND		*ND		
	7/16/1997	1.000	1				*ND			
	8/4/1997	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/2/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	
	9/3/1997	5.000	1				*ND			
	10/6/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/20/1998	5.000	1				*ND			
	7/6/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	7/7/1998	5.000	1				*ND			
	8/3/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	8/4/1998	5.000	1				*ND			
	9/8/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/21/1998	5.000	1				*ND			
	2/23/1999	1.000	1	*ND	*ND	*ND		*ND	*ND	
	2/24/1999	5.000	1				*ND			

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/25/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/2/1999	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/3/1999	5.000	1				*ND			
	10/11/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	2/14/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	2/15/2000	5.000	1				*ND			
	5/2/2000	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/1/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/2/2000	5.000	1				*ND			
	10/9/2000	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/19/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/20/2001	5.000	1				*ND			
	5/14/2001	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/6/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	8/7/2001	5.000	1				*ND			
	10/10/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/11/2001	5.000	1				*ND			
	2/11/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/11/2002	5.000	1				*ND			
	5/13/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/14/2002	5.000	1				*ND			
	10/7/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/8/2002	5.000	1				*ND			
	2/10/2003	1.000	1	*ND	*ND	*ND	14.4	*ND	*ND	*ND
	5/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/12/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/16/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/18/2004	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/10/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/7/2004	5.000	1				*ND			
	3/8/2005	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/9/2005	5.000	1				*ND			
	5/24/2005	1.000	1	*ND	1.53	*ND	*ND	*ND	*ND	*ND
	8/16/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/11/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/14/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2006	1.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	8/15/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/9/2006	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/20/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/15/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/21/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/24/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/26/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/20/2008	1.000	1	*ND	*ND		*ND	1	*ND	*ND
	8/18/2008	10.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/20/2008	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Calcium (Ca)										
	3/15/1995		1	24.2	57.6	55.3	74.1	89.2		
	5/15/1995		1	49.9	59	61.7	74.5	55.9		
	7/25/1995		1	50.5	66.2	60	80.3	56.4		
	10/3/1995		1	69	68.3	74.7	75	72.4		
	3/25/1996		1	74	71.4	72.8		70.4		
	5/20/1996		1	51.6	57.2	57.9	67.5	54.1		
	7/1/1996		1	56.3	57.1	60.7	66.6	59.8		
	8/5/1996		1	57.5	57.6	61.3	64.8	64.2		
	9/3/1996		1	58.8	72.1	74.7	61.7	60.2		
	9/30/1996		1	63.8	60.6	63.3	66.9	62.8		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/4/1997		1	85.6	66.1	95	80.9	76.9		
	5/14/1997		1	51.9	67.6	66.6	73.9	66.7		
	7/8/1997		1	59.5	58.5	67.8		59.1		
	7/16/1997		1				70			
	8/4/1997		1	66.5	71.8	75.1	80	68.8	68.7	
	9/2/1997		1	58.3	63.3	63.7	68.9	60.8	61.6	
	10/6/1997		1	63	63.2	67.3		64.3	65.8	
	5/19/1998		1	62.9	62.7	68.2	77.4	62.5	68.1	
	7/6/1998		1	64.9	67.9	69.9	78.3	66.9	68.2	
	8/3/1998		1	61.3	64	64.1	76.7	64.2	65.9	
	9/8/1998		1	64.8	71.2	68.3		75.2	69.7	
	10/19/1998		1	67.3	70	69.5	82.5	70	71.5	
	2/23/1999		1	72.5	67.8	82.3	87.3	88.1	90.1	
	5/25/1999		1	65.3	72.6	72.4	82.9		71.7	55.1
	8/2/1999		1	69.8	70.5	75	81.1		73.9	69.1
	10/11/1999		1	73.5	72.4	77.3	90.3		73.3	81.1
	2/14/2000		1	79.6	79.9	84.5	89.4		85.5	113
	5/2/2000		1	70.9	71.9	73.7	84.5		73.8	72.3
	8/1/2000		1	72.3	72.8	68.6	81.6		69	69
	10/9/2000		1	71.9	77.2	78.1	85.8	77.4	76.4	79.8
	3/19/2001		1	82.3	79	87.6	88.7	82.4	89.7	77.5
	5/14/2001		1	64.4	72.4	72.2	77.9	77.1	76	69.2
	8/6/2001		1	72	73	72.2	83.2	75.5	74.4	70.8
	10/10/2001		1	76.9	78.3	80.2	91.5	80.6	79.4	67.8
	2/11/2002		1	84.7	78.1	80.3	84	82.3	87.1	81
	5/13/2002		1	77.3	72.5	73.5	84.6	77.3	77.8	75.3
	8/13/2002		1	67.1	74.7	70.7	83	85.4	86.1	67.4
	10/7/2002		1	66.4	75.1	74.2	82	90.9	86.4	78.3
	2/10/2003		1	81.3	80.8	83.9	96.6	82.3	89.3	94.6
	5/7/2003		1	69.1	77.1	71.7	79.8	77.3	79.4	76.5
	8/12/2003		1	74	74.7	74.8	72.7	76.6	74.8	79.6
	10/7/2003		1	74	76.4	76.5	67.1	73.7	74.8	74
	3/16/2004		1	83.3	81.4	83.3		83.9	87.3	92.1
	5/18/2004		1	67.7	72.4	75	74.2	72.3	73.2	70.7
	8/10/2004		1	68.4	69.6	71.4		71.9	71.4	72.1
	10/6/2004		1	75.4	73.6	73.4	76	74.7	76.2	73.2
	3/8/2005		1	79.6	80.7	90.4	81.3	83.9	85.7	90.4
	5/24/2005		1	72.9	73.6	72.3	76.5	74.1	76.3	72.3
	8/16/2005		1	76.1	74.9	72.6	78.9	77.4	78.4	71.2
	10/11/2005		1	80.4	75.4	77.6	81	82.4	81.5	75.6
	2/14/2006		1	96.9	89	91.1	99.3	89.2	92.6	94.8

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/9/2006		1	76.9	78.7	80.8	82.8	76.3		74.6
	8/15/2006		1	80	81.1	81.8	85.2	81.2	78.1	69.8
	10/9/2006		1	67.2	71.6	76.9		71.9	71	63.2
	2/20/2007		1	90.8	87	89.2	89.2	88.5	95.3	89.1
	5/15/2007		1	81.3	80.2	75.5	79.8	72.9	70.6	71.5
	8/21/2007		1	73	76.7	72.3	75.6	74.7	76.3	77.1
	10/24/2007		1	81.1	80.7	78.8	76.7	80.1	80.1	80.8
	2/26/2008		1	92.9	94.9	89.4	88.1	91.8	98.9	107
	5/20/2008		1	78.2	79.2		77.2	155	78.5	76.4
	8/18/2008		1	75.8	73.9	72	72.6	78.5	74.7	67
	10/20/2008		1	84.2	79.5	76.4	80.1	76.7	78	69.4
	3/3/2009		1	88.8	79.4	80.7	80	84.8	84.8	87.7
	5/12/2009		1	60.6	68.1	67.4	68.8	64		46.6
	7/20/2009		1	75	77.8	80.8	84.3	60.6	67.7	55
	11/3/2009		1	80.7	78.9	79.9	84.2	78.8	78.9	71.6
	3/3/2010		1	81.9	79.9	80.9	83.8	77.5	84.2	
	5/19/2010		1	70.5	70.9	72.2	72.2	72		
	7/27/2010		1	73.2	72.4	74.3	77.2	71.5		74.1
	10/19/2010		1	79.6	76.8	82.1	83.9	77.8	78.1	77.6
	3/8/2011		1	88	83.4	87.2	89.9	85.5	87.2	93.1
	5/24/2011		1	79.5	77.2	75.8	80.3	75.7	73.7	69.5
	7/26/2011		1	78.7	79.2	78.1	84.2	74.4	78.5	73.1
	10/10/2011		1	81.2	81.7	81.8	86.6	78.9	80.1	77.5
	2/2/2012		1	89.7	83.7	87.6	89.6	85.1	85.6	89.7
	5/9/2012		1	72.4	68.3	73.7	71.4	68.7	69.3	65.6
	8/7/2012		1	77.4	76.4	81.4	84.2	80.5	77.9	77.5
	10/22/2012		1	82.4	82.7	83.1	89.2	84.6	82.1	82.4
	2/11/2013		1	92.1	81.7	105	85.6	84.8	108	89.9
	5/22/2013		1	82	83	79	87.6	78.2	81.3	80.3
	8/19/2013		1	78.7	78	78.6	81.9	78.6	78.5	75.2
	10/21/2013		1	80.7	78.6	83.2	77.5	79.9	78.7	75.1
	2/18/2014		1	87.2	79.9	87.2	81.6	89.2	83.4	94.4
	5/27/2014		1	79.2	77.5	78.9	76.8	80.9	74.6	73.4
Carbonate (CO3)										
	3/15/1995	1.000	1	7	5	26	71	*ND		
	5/15/1995	1.000	1	28	17	36	69	*ND		
	7/25/1995		1	21	30	49	80	18		
	10/3/1995		1	19	25	45	69	5		
	3/25/1996	1.000	1	18	19	23		*ND		
	5/20/1996		1	24	21	45	73	18		
	7/1/1996		1	22	29	42	73	24		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/5/1996		1	38	35	64	129	28		
	9/3/1996		1	47	42	70	86	40		
	9/30/1996		1	20	29	56	69	30		
	3/4/1997		1	6	20	29	63	19		
	5/14/1997		1	13	20	38	52	27		
	7/8/1997		1	15	20	38		10		
	7/16/1997		1				76			
	8/4/1997		1	28	34	49	85	32	45	
	9/2/1997		1	26	30	50	72	16	24	
	10/6/1997		1	18	21	43		13	14	
	5/19/1998		1	19	18	34	48	11	17	
	7/6/1998		1	67	66	82	85	64	52	
	8/3/1998		1	23	27	44	81	22	21	
	9/8/1998		1	31	31	51		26	25	
	10/19/1998		1	27	27	50	56	20	24	
	2/23/1999		1	11	20	46	52	20	24	
	5/25/1999	1.000	1	*ND	22	37	51		21	*ND
	8/2/1999		1	35	42	51	79		38	24
	10/11/1999	1.000	1	24	29	53	51		30	*ND
	2/14/2000	1.000	1	17	30	53	27		21	*ND
	5/2/2000		1	17	28	46	36		29	9
	8/1/2000		1	45	43	50	82		43	38
	10/9/2000		1	13	28	31	59	17	29	16
	3/19/2001	1.000	1	13	18	17	28	12	4	*ND
	5/14/2001		1	28	30	35	58	12	14	2
	8/6/2001		1	56	49	51	75	46	50	44
	10/10/2001		1	35	34	51	61	34	35	16
	2/11/2002		1	21	21	37	41	20	37	9
	5/13/2002		1	14	14	38	41	12	24	18
	8/13/2002		1	43	41	51	76	39	36	19
	10/7/2002		1	43	54	41	69	38	38	34
	2/10/2003	1.000	1	39	51	37	39	52	37	*ND
	5/7/2003		1	29	33	33	41	20	27	15
	8/12/2003		1	44	43	57	84	34	41	33
	10/7/2003		1	40	42	48	51	34	33	43
	3/16/2004		1	34	46	37		35	19	4
	5/18/2004		1	39	40	36	36	29	30	15
	8/10/2004		1	35	35	54		36	48	45
	10/6/2004		1	41	43	55	66	42	41	29
	3/8/2005		1	23	39	40	40	20	22	17
	5/24/2005		1	35	34	39	41	33	14	12

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/16/2005		1	37	45	57	59	34	44	42
	10/11/2005		1	51	52	57	58	37	35	17
	2/14/2006		1	19	41	40	42	38	38	12
	5/9/2006		1	17	19	34	34	35		5
	8/15/2006		1	42	38	56	57	42	53	55
	10/9/2006		1	38	39	54		41	51	21
	2/20/2007		1	12	19	39	59	25	33	2
	5/15/2007		1	20	18	38	54	28	39	11
	8/21/2007		1	35	32	40	42	31	33	34
	10/24/2007		1	21	33	31	51	21	31	30
	2/26/2008		1	35	38	19	39	38	13	4
	5/20/2008	1.000	1	45	41		57	67	39	*ND
	8/18/2008		1	47	46	52	58	49	49	42
	10/20/2008		1	39	42	46	49	39	42	26
	3/3/2009		1	12	32	44	49	32	30	13
	5/12/2009		1	28	30	38	50	30		8
	7/20/2009		1	19	24	40	44	24	26	22
	11/3/2009		1	14	18	20	53	16	16	13
	3/3/2010	1.000	1	*ND	13	13	20	10	10	
	5/19/2010		1	13	11	17	37	8		
	7/27/2010		1	21	32	37	39	30		10
	10/19/2010		1	35	40	37	38	41	41	14
	3/8/2011	1.000	1	22	38	38	37	36	37	*ND
	5/24/2011		1	21	22	36	37	17	16	19
	7/26/2011		1	19	17	23	26	16	15	19
	10/10/2011		1	16	19	30	34	13	13	11
	2/2/2012		1	10	18	26	28	12	13	12
	5/9/2012		1	13	13	20	26	7	7	7
	8/7/2012		1	13	20	29	34	26	31	28
	10/22/2012		1	21	33	38	38	32	34	21
	2/11/2013		1	15	15	18	23	16	17	14
	5/22/2013		1	9	9	14	13	9	8	6
	8/19/2013		1	41	34	44	51	43	42	44
	10/21/2013		1	32	34	34	37	33	26	15
	2/18/2014		1	28	31	30	30	26	27	12
	5/27/2014		1	21	24	24	26	18	18	12
Cation Sum										
	3/15/1995		1	10.7	31.39	44.08	134.5	23.33		
	5/15/1995		1	17.46	28.49	51.74	125	17.05		
	7/25/1995		1	20.95	29.07	48.19	126.8	15.21		
	10/3/1995		1	26.86	31.26	61.27	131.2	20.12		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/25/1996		1	27.3	30.83	32.98		22.07		
	5/20/1996		1	17.44	24.82	44.16	118.2	17.72		
	7/1/1996		1	18.02	23.26	44.59	109.3	18.16		
	8/5/1996		1	20.96	23.46	44.28	108.8	18.87		
	9/3/1996		1	21.87	29.56	55.75	101.2	17.02		
	9/30/1996		1	23.64	24.56	45.15	100.3	17.8		
	3/4/1997		1	31.42	23.76	44.34	120.4	22.2		
	5/14/1997		1	13.28	25.76	42.7	116.4	19.13		
	7/8/1997		1	19.32	20.5	37.29		15.31		
	7/16/1997		1				97.38			
	8/4/1997		1	21.64	25.26	41.86	107.4	18.33	16.2	
	9/2/1997		1	18.11	21.66	33.3	99.25	15.57	14.18	
	10/6/1997		1	20.38	22.28	35.17		17.06	16.02	
	5/19/1998		1	19.52	21.32	33.89	97.56	17.06	17.19	
	7/6/1998		1	19.83	22.27	34.43	91.79	17.99	17.44	
	8/3/1998		1	19.62	21.35	32.98	87.84	17.71	17.07	
	9/8/1998		1	20.68	23.7	35.82		21	18.25	
	10/19/1998		1	21.6	23.3	36.51	88.6	18.93	18.75	
	2/23/1999		1	22.52	22.05	43.03	96.7	25.08	24.27	
	5/25/1999		1	18.08	22.52	35.41	85.38		17.73	7.553
	8/2/1999		1	20.77	21.09	37.38	86.8		18.65	9.964
	10/11/1999		1	21.84	21.95	38.23	85.78		18.83	10.52
	2/14/2000		1	23.82	24.42	41.09	87.68		22.31	15.5
	5/2/2000		1	21.49	22.57	37.1	77.06		19.77	13.91
	8/1/2000		1	23.42	22.8	37.22	78.03		20.38	15.05
	10/9/2000		1	22.59	24.61	39.75	78.56	22.03	21.68	17.85
	3/19/2001		1	26.05	25.46	37.2	75.61	24.91	25.75	12.34
	5/14/2001		1	16.93	22.53	35.45	67.96	22.22	21.14	11.87
	8/6/2001		1	21.74	22.3	34.6	72.89	21.67	20.4	14.07
	10/10/2001		1	23.67	24.47	38.46	78.23	22.86	22.5	15.13
	2/11/2002		1	25.64	24.26	38.93	71.85	24.63	24.83	17.65
	5/13/2002		1	23.99	22.79	34.98	68.99	22.41	21.99	17.38
	8/13/2002		1	20.22	23.86	33.78	69.3	24.8	24.7	16.5
	10/7/2002		1	20.32	23.43	34.15	63.5	26.16	24.9	13.75
	2/10/2003		1	24.47	25.71	38.84	66.37	26.03	26.04	23.49
	5/7/2003		1	20.91	24.26	32.69	63.29	22.56	23.06	18.35
	8/12/2003		1	24.45	24.29	35.4	64.13	23.31	22.87	20.89
	10/7/2003		1	24.62	25.3	36.55	59.82	23.77	24.01	20.39
	3/16/2004		1	26.95	27.67	37.33		27.81	28.59	26.16
	5/18/2004		1	20.41	23.87	34.69	60.76	22.78	22.92	16.28
	8/10/2004		1	22.04	22.8	32.8		22.75	22.42	17.35

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/6/2004		1	24.43	24.28	33.43	60.21	23.25	23.59	18.22
	3/8/2005		1	25.01	26.65	36.05	59.43	25.89	26.35	22.46
	5/24/2005		1	22.77	23.8	31.74	52.93	22.53	23.11	17.64
	8/16/2005		1	21.84	23.17	32.18	50.56	22.64	22.97	16.69
	10/11/2005		1	23.51	23.22	32.35	47.24	23.72	23.24	17.38
	2/14/2006		1	25.59	27.7	33.81	47.28	27.67	27.1	22.26
	5/9/2006		1	21.88	23.64	32.72	45.58	21.96		13.86
	8/15/2006		1	24.46	24.66	33.16	44.58	24.27	23.74	16.6
	10/9/2006		1	23.33	21.93	28.73		24.16	20.92	16.34
	2/20/2007		1	26.37	25.56	33.15	43.7	25.38	27.3	21.43
	5/15/2007		1	25.25	25.42	33.21	43	22.88	23.77	18.72
	8/21/2007		1	22.66	24.36	31.51	40.93	24	25.22	20.39
	10/24/2007		1	25.68	26.97	35.93	44.3	26.37	25.78	22.12
	2/26/2008		1	29.47	31.43	38.5	46.65	29.46	32.15	30.16
	5/20/2008		1	23.49	24.58		38.6	56.05	23.97	20.12
	8/18/2008		1	24.72	24.1	30.18	35.75	26.33	25.37	23.11
	10/20/2008		1	28.15	26.82	35.79	42.78	25.95	26.11	23.88
	3/3/2009		1	26.42	27.02	34.54	40.68	28.26	28.51	29.98
	5/12/2009		1	18.37	22.53	29.01	34.27	20.89		10.58
	7/20/2009		1	22.51	24.81	33.74	38.57	19.89	21.71	13.51
	11/3/2009		1	23.91	25.16	33.6	39.93	23.47	23.44	17.35
	3/3/2010		1	23.75	25.67	32.8	39.6	23.92	25.93	
	5/19/2010		1	22.03	22.78	29.83	33.97	21.97		
	7/27/2010		1	21.57	22.47	29.72	34.88	21.15		16.9
	10/19/2010		1	22.85	23.58	32.05	37.16	22.6	22.73	17.68
	3/8/2011		1	25.28	26.37	33.21	39.93	24.97	25.3	20.97
	5/24/2011		1	22.03	21.89	28.34	32.58	20.35	19.18	12.44
	7/26/2011		1	22.61	23.02	29.67	35.04	20.86	21.05	14.29
	10/10/2011		1	22.53	22.92	29.65	34.84	20.92	21.21	16.11
	2/2/2012		1	23.57	24.47	32.06	36.56	23.18	23.2	19.76
	5/9/2012		1	21.24	20.29	27.46	29.8	19.32	19.21	15.01
	8/7/2012		1	22.87	22.57	30.15	34.7	22.52	21.67	19.18
	10/22/2012		1	24.39	25.02	31.6	37.91	23.96	23.49	21.17
	2/11/2013		1	27.15	23.37	35.57	39.85	23.32	29.24	25.36
	5/22/2013		1	23.17	24.49	29.27	36.6	22.05	21.92	17.69
	8/19/2013		1	22.48	22.31	28.85	33.79	21.82	21.79	16.27
	10/21/2013		1	23.14	23.12	30.14	34.03	22.44	22.11	17.35
	2/18/2014		1	24.2	22.94	30.8	34.85	24.84	26.07	21.89
	5/27/2014		1	22.71	22.52	28.55	32.1	21.57	20.56	16.86
Chloride										
	3/15/1995		1	62	20.4	330	975	101		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/15/1995		1	104	182	379	858	91.5		
	7/25/1995		1	135	165	377	867	76.1		
	10/3/1995		1	151	161	362	840	93.1		
	3/25/1996		1	164	177	207		127		
	5/20/1996		1	110	155	292	741	108		
	7/1/1996		1	97.2	141	321	788	94.8		
	8/5/1996		1	126	123	301	701	96.9		
	9/3/1996		1	137	148	330	816	95.8		
	9/30/1996		1	133	144	289	749	94.9		
	3/4/1997		1	146	150	251	860	131		
	5/14/1997		1	64.6	151	292	903	97.8		
	7/8/1997		1	112	127	248		79.6		
	7/16/1997		1				742			
	8/4/1997		1	111	129	278	721	85.3	71.6	
	9/2/1997		1	116	137	252	728	92.2	67.9	
	10/6/1997		1	118	136	254		88	82	
	5/19/1998		1	102	137	207	659	89.5	79.3	
	7/6/1998		1	105	122	210	565	89.7	84.4	
	8/3/1998		1	115	119	232	568	98.9	93.4	
	9/8/1998		1	111	125	238		97	99.3	
	10/19/1998		1	120	128	254	606	98.5	95.6	
	2/23/1999		1	130	140	277	631	123	118	
	5/25/1999		1	93.3	121	249	573		85.9	18.6
	8/2/1999		1	108	110	247	555		85.5	25.8
	10/11/1999		1	116	119	252	570		94.7	20.9
	2/14/2000		1	121	125	267	566		107	29.2
	5/2/2000		1	115	118	243	545		97.9	55.8
	8/1/2000		1	122	124	238	539		107	69.7
	10/9/2000		1	125	124	243	520	108	108	73.3
	3/19/2001		1	128	124	199	436	120	121	33.2
	5/14/2001		1	83	126	250	487	115	108	38
	8/6/2001		1	113	117	221	497	109	103	59.1
	10/10/2001		1	121	126	236	526	114	112	59.8
	2/11/2002		1	126	127	226	513	126	124	62.5
	5/13/2002		1	112	107	212	401	110	93.3	63.1
	8/13/2002		1	116	125	219	480	117	115	83
	10/7/2002		1	126	136	212	457	126	125	41.7
	2/10/2003		1	134	140	248	487	138	139	109
	5/7/2003		1	101	122	191	442	123	113	77.8
	8/12/2003		1	130	131	210	433	120	118	92.1
	10/7/2003		1	131	129	211	462	122	120	106

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/16/2004		1	145	153	200		147	158	131
	5/18/2004		1	106	130	205	398	120	117	73.4
	8/10/2004		1	123	99.7	207		116	120	75.1
	10/6/2004		1	123	131	210	395	120	118	81.3
	3/8/2005		1	126	133	195	389	130	132	94.6
	5/24/2005		1	122	130	195	347	117	125	77.8
	8/16/2005		1	112	126	196	332	115	119	68.6
	10/11/2005		1	121	123	191	309	120	119	71.8
	2/14/2006		1	115	134	175	284	134	133	85.1
	5/9/2006		1	103	115	168	268	106		46.6
	8/15/2006		1	118	122	186	263	118	114	61.4
	10/9/2006		1	123	122	185		116	112	70.8
	2/20/2007		1	132	134	199	269	131	137	91.3
	5/15/2007		1	119	122	181	250	114	110	75.4
	8/21/2007		1	116	124	184	231	120	117	87.6
	10/24/2007		1	116	119	178	235	116	119	89.5
	2/26/2008		1	131	139	200	260	138	143	122
	5/20/2008		1	125	129		243	308	120	92.9
	8/18/2008		1	130	132	188	232	125	124	109
	10/20/2008		1	130	130	180	229	121	124	107
	3/3/2009		1	129	143	195	255	139	148	142
	5/12/2009		1	94.5	128	180	217	114		42.6
	7/20/2009		1	102	119	171	215	105	104	55
	11/3/2009		1	108	117	178	210	110	109	68.3
	3/3/2010		1	109	133	172	230	128	121	
	5/19/2010		1	107	111	163	206	101		
	7/27/2010		1	99.4	114	168	209	99.5		61.3
	10/19/2010		1	106	112	166	206	103	100	70.5
	3/8/2011		1	112	121	168	209	111	112	78.2
	5/24/2011		1	91.4	92.8	128	159	81.3	78.9	33.8
	7/26/2011		1	98.4	100	152	178	89.9	86.6	44.4
	10/10/2011		1	103	112	163	185	95.1	91.9	58.3
	2/2/2012		1	98.6	107	154	182	98.6	97.4	68.9
	5/9/2012		1	103	107	150	181	96.3	91.9	69.1
	8/7/2012		1	105	110	157	188	101	112	79.4
	10/22/2012		1	111	113	161	195	105	104	85.1
	2/11/2013		1	115	116	158	200	112	113	103
	5/22/2013		1	99.4	115	153	187	98.3	90.6	64.6
	8/19/2013		1	99	104	146	181	98.8	95	56.5
	10/21/2013		1	101	104	149	178	97.8	96.1	61.5
	2/18/2014		1	111	116	161	193	112	114	87.7

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/27/2014		1	97.6	99.4	137	166	92.9	87.5	59.3
Chlorophyll A										
	7/25/1995	3.000	0.923	8	13		*ND	21		
	7/27/1995		0.923			23				
	10/3/1995	3.000	0.923	*ND	*ND	*ND	*ND	9		
	5/20/1996	3.000	0.923	16	5	7	15	*ND		
	7/1/1996	3.000	0.923	6	52	*ND	*ND	14		
	8/5/1996		0.923	9	12	22	25	11		
	9/3/1996		0.923	19	16	11	11	6		
	9/30/1996	3.000	0.923	*ND	*ND			11		
	10/2/1996		0.923			5	36			
	5/14/1997	3.000	0.923	23	14	10	*ND	19		
	7/8/1997	3.000	0.923	*ND	*ND	36		6		
	7/16/1997		0.923				4			
	8/4/1997	3.000	0.923	11	7	6	*ND	42	42	
	9/2/1997		0.923	15	9	12	10	19	25	
	10/6/1997		0.923	9	10	5		15	42	
	5/19/1998	3.000	0.923	6	*ND	*ND	5	*ND	*ND	
	7/6/1998	3.000	0.923	18	*ND	11	*ND	7	11	
	8/3/1998		0.923	9	12	16	140	18	21	
	9/8/1998	3.000	0.923	13	5			*ND		
	9/10/1998		0.923			18			19	
	10/19/1998	3.000	0.923	*ND	4	29	20	12	20	
	5/25/1999	3.000	0.923	*ND	*ND	*ND	*ND		*ND	*ND
	8/2/1999	3.000	0.923	*ND	16	5	*ND		*ND	9
	10/11/1999	6.000	0.923	16	76	23	56		*ND	28
	5/2/2000	3.000	0.923	8	11	9	24		9	*ND
	8/1/2000		0.923	16	14	12	77		57	78
	10/9/2000		0.923	10	24	19	41	11	17	35
	5/14/2001	6.000	0.923	30	14			*ND	*ND	
	5/15/2001	3.000	0.923			9	20			*ND
	10/10/2001		0.923	14	7	19	8	11	12	
	5/13/2002	3.000	0.923	*ND	*ND	8	9	*ND	6	22
	8/13/2002		0.923	23	15	36	108	27	16	35
	10/7/2002		0.923	11	9	10	33	18	12	42
	5/7/2003		0.923	7	6	11	4	7	9	5
	8/12/2003		0.923	37	4	16	58	8	20	19
	10/7/2003	6.000	0.923	12.8	15	*ND	16	*ND	5.7	9.6
	5/18/2004	3.000	0.923	11.5	9.1	5.3	32.6	*ND	5.6	*ND
	8/10/2004		0.923	14.7	6.7	11.9		13.2	20	45.9
	10/6/2004		0.923	19.5	16	17.4	59.8	20.3	2.1	3.2

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/24/2005		0.923	3.6	2.7	3.5	4.3	6.5	6.8	2.5
	8/16/2005		0.923	10.7	13.1	22.7	20.3	15.5	24.6	24.3
	10/11/2005		0.923	26.2	19.8	21.4	6.9	26.3	18.9	25.1
	5/9/2006	3.000	0.923	9.3	13.9	11.5	*ND	11.4	5.6	
	8/15/2006		0.923	35.2	7.9	14.7	49.3	29.6	25.4	211
	10/9/2006		0.923	18.7	16.6	27.8		39	40.1	22.4
	5/15/2007	2.000	0.923	3.74				11.4	4.63	*ND
	5/16/2007	1.500	0.923		*ND	7.3	6.05			
	8/21/2007	1.500	1	5.9	24	41.1	8.8	*ND	64.1	35.2
	10/24/2007	1.500	1	*ND	*ND					
	10/24/2007	2.000	1				*ND			
	10/24/2007	3.000	1			*ND		*ND	*ND	32
	5/20/2008	1.500	0.923	*ND						*ND
	5/20/2008	3.000	0.923		18.7			4.8	*ND	
	5/21/2008		0.923				26.3	13.9		
	8/18/2008		0.923	9.9	14.2	13.4	8.5	18.4	17.9	22.4
	10/20/2008		0.923	63	38.2	29.6	19.5	39.5	68.4	49.1
	5/12/2009		0.923							
	7/20/2009		0.923	8	13.9	14.2	9.1	16	28.3	27
	11/3/2009	6.000	0.923	*ND	*ND	*ND	31	13.9	10.1	20.8
	5/19/2010	3.000	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/27/2010	1.500	0.923	6.14	*ND	*ND	6.01	*ND	7.48	*ND
	10/19/2010	6.000	0.923	22.4	29.9	15	*ND	17.1	16.6	20.3
	5/24/2011	6.000	0.923	*ND	*ND	12.3	10.2	9.08	7.48	*ND
	7/26/2011	10.000	0.923	16.6					*ND	23.1
	7/27/2011	6.000	0.923		11.7	*ND	*ND	18.2		
	10/10/2011	6.000	0.923	13.9	*ND	17.1	21.9	12.3	13.9	21.4
	5/9/2012	6.000	0.923		13.9			*ND	*ND	*ND
	8/7/2012		0.923	7.48	27		67.3	46.7	35.3	32
	10/22/2012		0.923	7.21	4.14	7.12	2.67	8.69	9.61	13
	5/22/2013	10.000	0.923	*ND	*ND			*ND	*ND	*ND
	5/23/2013	6.000	0.923			*ND	*ND			
	10/21/2013		0.923	3.74	17.1	8.54	15.5	1.87	1.6	1.6
	5/27/2014	3.000	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Chlorophyll B										
	10/3/1995	1.000	0.923	*ND	*ND	*ND	*ND	*ND		
	5/20/1996	1.000	0.923	*ND	*ND	*ND	*ND	*ND		
	7/1/1996	1.000	0.923	*ND	1	*ND	*ND	*ND		
	8/5/1996	1.000	0.923	*ND	*ND	*ND	*ND	*ND		
	9/3/1996	1.000	0.923	*ND	*ND	*ND	*ND	*ND		
	9/30/1996	1.000	0.923	*ND	*ND	*ND	*ND	*ND		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/14/1997	1.000	0.923	*ND	*ND	*ND	*ND	*ND		
	7/8/1997	1.000	0.923	*ND	*ND	*ND		*ND		
	7/16/1997	1.000	0.923				*ND			
	8/2/1999	1.000	0.923	*ND	*ND	*ND	*ND		*ND	*ND
	10/11/1999	1.000	0.923	*ND	*ND					
	10/11/1999	2.000	0.923			*ND			*ND	
	10/12/1999	2.500	0.923							*ND
	10/12/1999	3.000	0.923				*ND			
	8/1/2000	2.000	0.923	*ND	*ND	*ND	*ND			
	8/1/2000	4.000	0.923						*ND	*ND
	10/9/2000	2.000	0.923	*ND	*ND		*ND	*ND	*ND	
	10/10/2000	3.000	0.923							*ND
	10/11/2000	1.000	0.923			*ND				
	5/14/2001	1.000	0.923	*ND	*ND	*ND				*ND
	5/14/2001	2.000	0.923				*ND	*ND	*ND	
	10/10/2001	1.000	0.923	*ND	*ND	*ND	*ND	*ND	*ND	
	5/13/2002	1.000	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/13/2002	1.000	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2002	1.000	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/7/2003	1.000	0.923	*ND	*ND	*ND	*ND	1	*ND	*ND
	8/12/2003	1.000	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2003	0.500	0.923	*ND	*ND		*ND		*ND	*ND
	10/7/2003	2.000	0.923			*ND		*ND		
	5/18/2004	0.500	0.923	0.69	*ND	*ND	*ND		*ND	
	5/18/2004	1.000	0.923					*ND		*ND
	8/10/2004	0.500	0.923	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	7.49
	5/24/2005	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/16/2005	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/11/2005	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	0.63
	5/9/2006	0.500	0.923	0.56		0.62			*ND	
	5/10/2006	1.000	0.923		0.73		*ND	0.56		
	8/15/2006	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/9/2006	0.500	0.923	*ND	*ND	*ND		*ND	*ND	*ND
	5/15/2007	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	
	5/15/2007	0.660	0.923							*ND
	8/21/2007	0.500	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/24/2007	0.670	1				*ND			
	10/24/2007	1.000	1			*ND		*ND	*ND	
	10/24/2007	0.500	1	*ND	*ND					*ND
	5/20/2008	0.500	0.923	*ND	*ND			*ND		*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/20/2008	1.000	0.923				1.39	0.83	*ND	
	8/18/2008	0.500	0.923	1.99	*ND	*ND	0.69	*ND	*ND	*ND
	10/20/2008	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009		0.923							
	7/20/2009	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	2.000	0.923	*ND	*ND	*ND		0.58		0.87
	11/4/2009	1.000	0.923				*ND		*ND	
	5/19/2010	1.000	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/27/2010	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/19/2010	0.500	0.923	*ND	*ND	*ND		*ND	*ND	
	10/19/2010	2.000	0.923				*ND			0.83
	5/24/2011	2.000	0.923	*ND	*ND					*ND
	5/24/2011	0.500	0.923			*ND	0.51	*ND	*ND	
	7/26/2011	3.330	0.923						*ND	
	7/26/2011	0.500	0.923	*ND	*ND			*ND		*ND
	7/27/2011	2.000	0.923			*ND	*ND			
	10/10/2011	0.500	0.923	*ND		*ND	*ND	*ND	*ND	*ND
	10/10/2011	2.000	0.923		*ND					
	5/9/2012	0.500	0.923		*ND					
	5/9/2012	2.000	0.923					*ND	*ND	*ND
	8/7/2012	0.500	0.923	*ND	*ND		*ND	*ND	0.5	*ND
	10/22/2012	0.500	0.923	*ND	*ND	*ND	*ND	*ND	*ND	0.63
	5/22/2013	3.330	0.923	*ND	*ND			*ND	*ND	*ND
	5/23/2013	2.000	0.923			*ND	*ND			
	10/21/2013		0.923	44.1	56.5	27.5	50.5	19.5	19.1	16.1
	5/27/2014	1.000	0.923	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Chromium (Cr)										
	10/3/1995	0.200	1	0.21	0.23	*ND	0.31	0.31		
	3/25/1996	0.200	1	*ND	0.45	0.58		0.33		
	5/20/1996	0.200	1	*ND	0.41	*ND	*ND	*ND		
	7/1/1996	0.200	1	0.28	*ND	*ND	*ND	0.22		
	8/5/1996	0.200	1	*ND	*ND	*ND	*ND	*ND		
	9/3/1996	0.200	1	0.51	*ND	*ND	*ND	0.5		
	9/30/1996	0.200	1	*ND	*ND	*ND	*ND	0.41		
	3/4/1997	0.200	1	1.1	0.39	*ND	*ND	1.08		
	5/14/1997	1.000	1	3.35	0.63	*ND	*ND	0.76		
	7/8/1997		1	1.88	1.03	3.3		1.7		
	7/16/1997		1				1.51			
	8/4/1997	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/2/1997	1.000	1	*ND	*ND			*ND	*ND	
	9/3/1997	5.000	1			1.4	*ND			

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/6/1997	1.000	1	*ND	*ND	1.28		*ND	*ND	
	5/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/20/1998	5.000	1				*ND			
	7/6/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	7/7/1998	5.000	1				*ND			
	8/3/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	8/4/1998	5.000	1				*ND			
	9/8/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/21/1998	5.000	1				*ND			
	2/23/1999	1.000	1	*ND	*ND	*ND		*ND	*ND	
	2/24/1999	5.000	1				*ND			
	5/25/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/2/1999	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/3/1999	5.000	1				*ND			
	10/11/1999	1.000	1	*ND	*ND	*ND	1.46		*ND	*ND
	2/14/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	2/15/2000	5.000	1				*ND			
	5/2/2000	1.000	1	*ND	*ND	*ND	2.54		*ND	*ND
	8/1/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/2/2000	5.000	1				*ND			
	10/9/2000	1.000	1	*ND	*ND	*ND	1.05	*ND	*ND	*ND
	3/19/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	1.48
	3/20/2001	5.000	1				*ND			
	5/14/2001	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/6/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	8/7/2001	5.000	1				*ND			
	10/10/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/11/2001	5.000	1				*ND			
	2/11/2002	1.000	1	*ND	7.88			3.87	*ND	*ND
	2/11/2002	5.000	1			1.71	*ND			
	5/13/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/14/2002	5.000	1				*ND			1.45
	10/7/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	1.28
	10/8/2002	5.000	1				*ND			
	2/10/2003	5.000	1				*ND			
	2/10/2003	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/12/2003	1.000	1	*ND	*ND	1	*ND	*ND	1.06	*ND
	10/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/16/2004	1.000	1	*ND	1.1	*ND		*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/18/2004	1.000	1	*ND	*ND	*ND	1.87	*ND	*ND	*ND
	8/10/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	1.000	1	*ND	*ND	*ND		*ND	1.09	*ND
	10/7/2004	5.000	1				*ND			
	3/8/2005	1.000	1	*ND	*ND	*ND	7.01	*ND	1.15	*ND
	5/24/2005		1	5.43	2.46	1.56	1.17	1.73	144	32.7
	8/16/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	1.04
	10/11/2005	1.000	1	*ND	*ND	*ND	1.14	*ND	1.14	*ND
	2/14/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	3.52	2.58
	5/9/2006	1.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	8/15/2006	1.000	1	*ND	*ND	2.08	*ND	*ND	*ND	*ND
	10/9/2006	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/20/2007	1.000	1	4.33	*ND	*ND	*ND	1.06	223	5.57
	5/15/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/21/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/24/2007	1.000	1	*ND	*ND	1.21	*ND	*ND	*ND	*ND
	2/26/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	1.61
	5/20/2008	1.000	1	1.2	*ND		*ND	1	*ND	1.32
	8/18/2008	10.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/20/2008	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Conductivity										
	3/15/1995		1	1040	3060	4480	11000	2100		
	5/15/1995		1	1800	2830	4780	9900	1700		
	7/25/1995		1	2270	2410	4790	9650	1500		
	10/3/1995		1	2410	2560	4820	9920	1760		
	3/25/1996		1	2660	2730	3140		2100		
	5/20/1996		1	1870	2450	4180	8980	1870		
	7/1/1996		1	1830	2330	4300	9270	1760		
	8/5/1996		1	2060	2280	4130	8950	1720		
	9/3/1996		1	2180	2310	4280	9070	1730		
	9/30/1996		1	2250	2400	4320	9370	1800		
	3/4/1997		1	2490	2540	3670	9820	2360		
	5/14/1997		1	1250	2320	3860	8920	1710		
	7/8/1997		1	1900	2090	3410		1530		
	7/16/1997		1				8380			
	8/4/1997		1	1840	2050	3350	8210	1540	1360	
	9/2/1997		1	1820	2080	3290	8310	1600	1440	
	10/6/1997		1	1950	2160	3330		1650	1580	
	5/19/1998		1	1890	2130	3150	8020	1740	1620	
	7/6/1998		1	1940	2130	3280	7530	1780	1700	
	8/3/1998		1	1990	2120	3400	7390	1810	1750	
	9/8/1998		1	1960	2100	3390		1860	1790	
	10/19/1998		1	2060	2130	3480	7230	1850	1800	
	2/23/1999		1	2190	2240	3720	7510	2120	2120	
	5/25/1999		1	1670	2000	3100	6750		1600	702
	8/2/1999		1	1900	1920	3310	6720		1640	864
	10/11/1999		1	1930	1970	3350	6710		1730	932
	2/14/2000		1	2080	2110	3580	6810		1940	1310
	5/2/2000		1	2000	2030	3380	6530		1780	1300
	8/1/2000		1	2000	2020	3290	6480		1810	1420
	10/9/2000		1	2120	2130	3360	6610	1930	1960	1250
	3/19/2001		1	2290	2260	3150	5950	2250	2310	1120
	5/14/2001		1	1540	2020	3240	5860	1980	1890	1070
	8/6/2001		1	1960	2010	3170	6000	1930	1880	1290
	10/10/2001		1	2050	2110	3240	6150	2000	1990	1330
	2/11/2002		1	2210	2200	3450	6380	2190	2240	1610
	5/13/2002		1	2080	2130	3200	5890	2000	1960	1520
	8/13/2002		1	2040	2170	3250	5970	2080	2070	1700
	10/7/2002		1	2080	2160	3160	5700	2050	2060	1250
	2/10/2003		1	2250	2300	3430	6010	2310	2360	2070

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/7/2003		1	1920	2210	3000	5860	2140	2090	1690
	8/12/2003		1	2200	2250	3150	5730	2140	2110	1880
	10/7/2003		1	2250	2290	3160	5740	2170	2180	1930
	3/16/2004		1	2320	2410	2930		2390	2460	2200
	5/18/2004		1	1900	2210	3090	5300	2090	2090	1520
	8/10/2004		1	2090	2140	3010		2070	2050	1540
	10/6/2004		1	2150	2210	3060	5220	2110	2090	1650
	3/8/2005		1	2260	2360	3140	5200	2320	2370	2000
	5/24/2005		1	2140	2190	2970	4550	2090	2100	1660
	8/16/2005		1	1940	2120	2900	4310	2070	2060	1500
	10/11/2005		1	2110	2170	2940	4280	2120	2110	1590
	2/14/2006		1	2100	2270	2750	3880	2260	2340	1840
	5/9/2006		1	2010	2140	2840	3940	2070		1280
	8/15/2006		1	2120	2160	2890	3770	2080	2040	1440
	10/9/2006		1	2160	2180	2900		2090	2100	1590
	2/20/2007		1	2360	2390	3070	3890	2330	2410	1940
	5/15/2007		1	2130	2190	2880	3590	2090	2050	1630
	8/21/2007		1	2080	2160	2800	3500	2100	2090	1740
	10/24/2007		1	2170	2240	2900	3520	2170	2170	1880
	2/26/2008		1	2330	2360	3040	3700	2390	2500	2330
	5/20/2008		1	2200	2230		3430	5020	2160	1910
	8/18/2008		1	2240	2270	2870	3430	2200	2190	1970
	10/20/2008		1	2260	2280	2860	3400	2190	2190	2010
	3/3/2009		1	2320	2410	3000	3550	2420	2520	2530
	5/12/2009		1	1760	2160	2740	3220	2010		1050
	7/20/2009		1	1860	2030	2650	3120	1920	1900	1240
	11/3/2009		1	2010	2090	2750	3170	1970	1970	1450
	3/3/2010		1	2040	2200	2760	3320	2150	2180	
	5/19/2010		1	1950	2010	2610	3050	1880		
	7/27/2010		1	1900	1990	2610	3040	1890		1430
	10/19/2010		1	1940	2020	2660	3080	1900	1900	1490
	3/8/2011		1	2050	2150	2680	3160	2060	2070	1720
	5/24/2011		1	1890	1930	2510	2930	1780	1720	1080
	7/26/2011		1	1890	1910	2540	2890	1800	1740	1190
	10/10/2011		1	1970	2000	2600	2980	1840	1840	1410
	2/2/2012		1	1960	2010	2620	2990	1930	1910	1600
	5/9/2012		1	1990	2010	2580	2950	1890	1850	1540
	8/7/2012		1	1990	2010	2580	2950	1920	1900	1650
	10/22/2012		1	2040	2070	2630	3060	1970	1960	1750
	2/11/2013		1	2180	2170	2670	3170	2140	2160	2080
	5/22/2013		1	1920	2020	2520	2940	1880	1810	1480

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/19/2013		1	1930	1980	2530	2900	1880	1890	1400
	10/21/2013		1	2010	2530	2530	2900	1920	1920	1490
	2/18/2014		1	2110	2120	2670	3050	2120	2180	1890
	5/27/2014		1	1980	2010	2490	2840	1870	1850	1500
Copper (Cu)										
	10/3/1995		1	4.95	6.34	6.84	24.1	3.57		
	3/25/1996		1	6.83	7.34	8.42		5.51		
	5/20/1996		1	6.25	7.48	27.8	70.8	6.06		
	7/1/1996		1	4.14	6.6	25	22.1	4.19		
	8/5/1996		1	3.81	5.3	15.7	20.5	3.64		
	9/3/1996		1	9.7	4.93	4.83	18.4	3.51		
	9/30/1996		1	6.09	6.05	3.28	17.4	4.26		
	3/4/1997		1	7.95	5.1	5.97	20.8	11.4		
	5/14/1997		1	5.92	10.4	14.1	48.7	6.99		
	7/8/1997		1	8.67	8.74	14.8		6.92		
	7/16/1997		1				34.6			
	8/4/1997		1	6.28	6.63	10.3	29.7	5.01	4.08	
	9/2/1997		1	6.85	8.31	12.3	44.8	6.36	5.65	
	10/6/1997		1	6.74	7.24	11.7		5.63	5.37	
	5/19/1998		1	2.34	2.41	5.89	7.02	2.01	1.36	
	7/6/1998		1	3.31	3.74	5.17	12.7	3.3	2.29	
	8/3/1998		1	2.63	2.95	3.47	52.1	1.74	1.8	
	9/8/1998		1	2.32	2.8	4.57		2.36	2.18	
	10/19/1998		1	3.3	3.13	6.28	14.2	2.36	2.47	
	2/23/1999		1	2.61	2.53	3.89	9.66	2.3	2.73	
	5/25/1999		1	2.89	2.9	8.26	10.9		3.47	1.44
	8/2/1999	1.000	1	1.72	1.78	6.23	24		2.36	*ND
	10/11/1999		1	2.86	2.57	5.72	14.3		2.63	1.39
	2/14/2000		1	3.39	3.71	7.12	15.9		3.55	1.9
	5/2/2000	1.000	1	1.14	*ND	1.94	9.06		*ND	*ND
	8/1/2000		1	1.19	1.08	2.32	10.9		1.58	1.18
	10/9/2000	1.000	1	1.21	1.37		5.11	*ND	*ND	2.6
	10/11/2000		1			1.93				
	3/19/2001		1	3.87	3.78	4.89	9.63	3.31	4.62	3.08
	5/14/2001		1	2.23	3.26	4.58	7.61	2.26	2.95	2.89
	8/6/2001		1	3.11	2.96	4.95	9.55	2.61	2.65	1.96
	10/10/2001		1	2.98	3.14	5.09	9.6	3.1	4.27	1.9
	2/11/2002		1	3.27	11.1	5.51	11.6	3.87	3.1	2.18
	5/13/2002	5.000	1	1.32	1.29	2.72	*ND	1.4	1.82	2.03
	10/7/2002		1	3.72	3.51	53.4	20.3	3.6	3.55	2.79
	2/10/2003		1	2.22	2.13	3.96	5.64	2.5	2.35	2.06

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/7/2003		1	1.73	1.82	2.82	5.25	2.39	1.97	1.82
	8/12/2003		1	2.78	3.35	4.59	6.7	10.3	17.2	3.27
	10/7/2003		1	1.74	1.25	3.24	14.1	1.87	2.59	1.38
	3/16/2004		1	5.61	5.48	8.46		5.36	5.3	5.99
	5/18/2004		1	5.95	8.25	12	21.6	7.11	7.47	4.63
	8/10/2004		1	3.16	3.31	5.38		2.58	3.65	2.18
	10/6/2004		1	5.2	4.67	7.83	15.7	4.97	5.59	4.06
	3/8/2005		1	3.4	3.68	5.22	20.5	3.36	4.05	4.12
	5/24/2005		1	7.11	6.61	10.5	17.7	6.15	7.13	5.52
	8/16/2005		1	3.12	3.1	6.28	6.73	2.92	3.15	2.6
	10/11/2005		1	5.37	6.08	8.34	12.4	5.7	5.76	4.09
	2/14/2006		1	4.92	4.99	8.74	9.94	5.03	5.39	4.31
	5/9/2006		1	2.97	3.96	4.06	7.99	3.59		2.65
	8/15/2006		1	4.68	4.94	6.4	8.03	3.49	3.82	2.44
	10/9/2006		1	4.55	4.23	6.9		4.77	4.27	3.46
	2/20/2007		1	5.69	5.16	7.59	9.85	5.11	11.1	4.22
	5/15/2007		1	3.21	3.2	4.24	6.49	3.2	3.24	2.49
	8/21/2007		1	2.91	3.31	4.44	5.62	3.36	3.46	3.64
	10/24/2007		1	3.15	3.5	5.22	6.1	3.36	3.3	3.43
	2/26/2008		1	3.19	3.39	3.94	4.74	3.28	3.55	3.42
	5/20/2008		1	3.12	3.13		4.87	7.06	3.22	3.02
	8/18/2008	10.000	1	*ND	*ND	*ND	18.3	*ND	11.6	*ND
	10/20/2008	5.000	1	5.5	6.89	6.26	7.32	*ND	5.15	5.27
	3/3/2009	5.000	1	*ND	*ND	5.48	5.44	*ND	*ND	5.17
	5/12/2009	5.000	1	*ND	*ND	*ND	6.45	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	5.57	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	5.9	*ND	*ND
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	10.3	*ND	*ND
	10/22/2012	5.000	1	10.3	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	5.000	1	*ND	*ND	*ND	5.54	*ND	5.1	*ND
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	*ND	*ND	*ND	5.17	*ND	*ND	*ND
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Difference										
	3/15/1995		1	0.531	2.393	-7.492	-6.642	-0.297		
	5/15/1995		1	-0.18	-1.699	-0.14	10.99	0.404		
	7/25/1995		1	-3.546	-1.324	-8.289	1.906	-0.994		
	10/3/1995		1	-2.042	1.577	6.609	7.842	-1.126		
	3/25/1996		1	-4.744	2.277	-4.611		-0.396		
	5/20/1996		1	-0.747	0.319	0.655	0.493	-1.049		
	7/1/1996		1	-1.172	-2.288	-5.592	-9.892	-0.382		
	8/5/1996		1	-0.312	-0.124	-2.897	-5.706	0.553		
	9/3/1996		1	-2.996	2.618	1.989	-11.64	-1.371		
	9/30/1996		1	1.4	0.262	-0.332	-4.88	-0.558		
	3/4/1997		1	3.608	-2.367	3.369	-8.975	-2.884		
	5/14/1997		1	-0.173	-1.511	-4.609	-7.337	0.146		
	7/8/1997		1	-1.659	-2.791	-2.114		-1.435		
	7/16/1997		1				-10.31			
	8/4/1997		1	0.641	1.577	1.139	1.736	0.511	0.715	
	9/2/1997		1	-2.27	-1.655	-4.848	-5.319	-2	-1.327	
	10/6/1997		1	-1.31	-1.752	-3.57		-1.224	-1.084	
	5/19/1998		1	-0.819	-1.573	-0.653	-0.718	-1.577	-0.446	
	7/6/1998		1	-1.347	-0.893	-0.863	5.975	-1.423	-1.163	
	8/3/1998		1	-2.368	-1.009	-4.359	3.133	-1.947	-2.039	
	9/8/1998		1	-1.142	0.195	-3.362		0.55	-1.513	
	10/19/1998		1	-3.041	-0.754	-4.633	-1.227	-1.678	-1.62	
	2/23/1999		1	-2.649	-3.589	-1.603	2.636	0.539	0.115	
	5/25/1999		1	-0.894	-0.373	-3.118	0.783		-0.626	-0.505
	8/2/1999		1	-0.739	-0.57	-1.304	3.902		0.247	0.069
	10/11/1999		1	-0.137	-0.464	-1.688	1.222		-0.216	0.059
	2/14/2000		1	0.248	0.478	-0.658	4.428		0.373	0.47
	5/2/2000		1	-1.049	-0.922	-2.933	-5.408		-0.799	-0.834
	8/1/2000		1	0.624	-0.648	-1.16	-2.717		-0.283	-1.101
	10/9/2000		1	-0.621	1.514	1.406	0.655	0.551	0.245	0.973
	3/19/2001		1	1.007	1.317	2.902	6.618	0.97	1.128	-0.103
	5/14/2001		1	-0.478	-1.48	-3.044	-5.296	-0.652	-0.746	-0.139
	8/6/2001		1	-0.981	-1.142	-1.633	-1.038	-0.613	-1.426	-0.596
	10/10/2001		1	0.456	0.489	-0.234	1.645	0.414	0.376	0.459
	2/11/2002		1	0.472	-0.807	0.568	-4.825	-0.773	-0.741	0.343
	5/13/2002		1	1.868	1.4	-0.609	7.723	0.42	2.236	2.014

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/13/2002		1	-3.126	-0.704	-3.928	-2.927	1.111	1.031	-2.52
	10/7/2002		1	-3.124	-1.499	-2.215	-5.46	2.251	1.405	-0.638
	2/10/2003		1	-2.158	-1.294	-2.316	-5.553	-0.975	-1.725	-0.777
	5/7/2003		1	0.721	0.772	0.133	-3.394	-1.556	0.758	0.79
	8/12/2003		1	-0.156	-0.605	0.304	-2.072	-0.268	-0.402	0.609
	10/7/2003		1	-0.973	-0.008	-0.003	-9.931	-0.829	-0.188	-1.624
	3/16/2004		1	-0.237	-0.394	2.918		0.052	-0.692	0.14
	5/18/2004		1	-0.645	-0.58	0.303	0.694	-0.512	0.082	-0.584
	8/10/2004		1	-1.809	1.9	-2.362		-0.462	-1.38	-0.449
	10/6/2004		1	0.49	-0.641	-2.172	-0.335	-0.629	0.174	-0.023
	3/8/2005		1	-0.18	0.677	1.292	-1.39	0.028	0.108	-0.316
	5/24/2005		1	-0.964	-0.936	-2.118	-1.717	-0.791	-1.864	-0.835
	8/16/2005		1	-0.621	-1.104	-1.828	-2.219	-0.307	-0.59	-0.306
	10/11/2005		1	0.105	-1.043	-1.151	-3.384	0.055	-0.492	-0.354
	2/14/2006		1	1.265	1.924	2.238	0.336	1.618	0.556	1.31
	5/9/2006		1	-0.325	-0.428	0.046	-1.379	-1.101		-0.356
	8/15/2006		1	1.013	0.755	0.933	1.956	1.056	0.606	0.391
	10/9/2006		1	-0.956	-2.294	-3.803		0.683	-2.291	-1.224
	2/20/2007		1	-0.362	-1.142	-2.715	-0.854	-1.334	-0.759	-0.382
	5/15/2007		1	1.169	0.98	0.595	1.348	-0.709	0.788	0.914
	8/21/2007		1	-0.112	0.571	0.192	2.589	0.512	2.209	0.944
	10/24/2007		1	2.248	3.347	4.213	4.735	2.782	2.008	1.572
	2/26/2008		1	3.125	4.506	3.113	4.051	2.155	3.218	2.814
	5/20/2008		1	-0.973	-0.21		-0.411	-0.024	0.155	-0.601
	8/18/2008		1	-0.482	-1.538	-2.839	-3.166	1.613	0.795	1.268
	10/20/2008		1	3.09	1.863	4.098	4.2	2.15	1.821	1.999
	3/3/2009		1	0.078	-0.259	0.21	-0.964	1.122	-0.188	1.41
	5/12/2009		1	-0.852	-1.616	-2.101	-2.092	-1.504		-0.588
	7/20/2009		1	1.822	2.129	3.721	2.864	-1.296	0.546	0.006
	11/3/2009		1	1.794	1.722	1.892	3.742	1.475	1.669	1.347
	3/3/2010		1	2.839	1.612	2.824	3.483	0.555	3.536	
	5/19/2010		1	0.68	0.513	0.724	-1.258	1.328		
	7/27/2010		1	0.666	-0.857	-0.883	-2.28	0.29		1.175
	10/19/2010		1	0.656	0.856	2.06	1.437	0.975	1.548	0.669
	3/8/2011		1	1.824	2.282	2.638	3.618	1.947	2.033	1.706
	5/24/2011		1	2.208	1.371	2.403	1.773	1.91	1.131	0.846
	7/26/2011		1	0.659	1.266	0.679	1.864	0.685	0.989	0.591
	10/10/2011		1	0.159	-0.573	-1.136	0.385	-0.323	0.511	0.47
	2/2/2012		1	1.135	1.458	2.175	2.458	1.102	1.286	1.503
	5/9/2012		1	-0.814	-2.342	-1.198	-3.537	-1.719	-1.216	-2.297
	8/7/2012		1	0.388	-0.595	0.16	0.087	0.523	-0.119	0.143

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/22/2012		1	0.828	1.245	1.151	2.227	1.187	0.899	1.017
	2/11/2013		1	2.099	-1.44	4.404	2.573	-1.372	4.243	1.035
	5/22/2013		1	1.806	1.81	0.439	2.852	0.928	1.844	1.106
	8/19/2013		1	0.822	0.029	0.483	0.478	0.551	0.494	0.678
	10/21/2013		1	0.501	0.305	0.699	0.491	0.286	-0.013	0.251
	2/18/2014		1	-0.108	-1.829	-0.264	-0.602	0.225	0.715	-0.497
	5/27/2014		1	1.208	0.766	1.616	1.041	0.783	0.55	0.701
Dissolved Phosphorus as P										
	3/15/1995		1				0.176	0.277		
	7/25/1995		1	0.253	0.222	0.254	0.13	0.188		
	10/3/1995		1	0.197	0.202	0.267	0.179	0.139		
	3/25/1996		1	0.201	0.148	0.173		0.253		
	5/20/1996		1	0.131	0.166	0.193	0.115	0.139		
	7/1/1996		1	0.244	0.193	0.261	0.187	0.206		
	8/5/1996		1	0.24	0.25	0.295	0.179	0.271		
	9/3/1996		1	0.228	0.241	0.233	0.2	0.238		
	9/30/1996		1	0.276	0.258	0.232	0.214	0.124		
	3/4/1997		1	0.282	0.243	0.291	0.261	0.143		
	5/14/1997		1	0.294	0.304	0.216	0.312	0.249		
	7/8/1997		1	0.299	0.242	0.261		0.223		
	7/16/1997		1				0.185			
	8/4/1997		1	0.256	0.229	0.234	0.157	0.295	0.173	
	9/2/1997		1	0.318	0.306	0.254	0.224	0.3	0.238	
	10/6/1997		1	0.26	0.248	0.216		0.218	0.122	
	5/19/1998		1	0.22	0.23	0.223	0.256	0.218	0.206	
	7/6/1998		1	0.194	0.193	0.179	0.272	0.186	0.205	
	8/3/1998		1	0.341	0.276	0.3	0.22	0.352	0.322	
	9/8/1998		1	0.29	0.296	0.29		0.352	0.318	
	10/19/1998		1	0.438	0.262	0.212	0.272	0.229	0.383	
	2/23/1999		1	0.469	0.486	0.413	0.294	0.431	0.404	
	5/25/1999		1	0.265	0.296	0.244	0.317		0.317	0.25
	8/2/1999		1	0.315	0.258	0.3	0.242		0.276	0.334
	10/11/1999		1	0.263	0.244	0.176	0.224		0.161	0.153
	2/14/2000		1	0.156	0.177	0.157	0.338		0.148	0.106
	5/2/2000		1	0.173	0.181	0.16	0.3		0.173	0.205
	8/1/2000		1	0.206	0.249	0.193	0.268		0.221	0.38
	10/9/2000		1	0.254	0.205	0.182	0.32	0.208	0.197	0.233
	3/19/2001		1	0.179	0.155	0.197	0.325	0.181	0.199	0.315
	5/14/2001		1	0.207	0.162	0.165	0.203	0.208	0.194	0.26
	8/6/2001		1	0.27	0.262	0.223	0.231	0.32	0.296	0.337
	10/10/2001		1	0.292	0.299	0.228	0.328	0.302	0.298	0.058

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/11/2002		1	0.206	0.237	0.172	0.26	0.21	0.211	0.008
	5/13/2002		1	0.331	0.237	0.194	0.279	0.241	0.227	0.056
	8/13/2002		1	0.298	0.287	0.244	0.257	0.286	0.268	0.256
	10/7/2002		1	0.239	0.245	0.233	0.243	0.235	0.281	0.04
	2/10/2003		1	0.197	0.215	0.23	0.351	0.218	0.194	0.274
	5/7/2003		1	0.186	0.224	0.213		0.224	0.212	0.199
	8/12/2003		1	0.265	0.29	0.224	0.153	0.316	0.258	0.309
	10/7/2003		1	0.278	0.254	0.221	0.175	0.167	0.174	0.193
	3/16/2004		1	0.208	0.169	0.203		0.2	0.18	0.282
	5/18/2004		1	0.176	0.187	0.185	0.146	0.179	0.161	0.233
	8/10/2004		1	0.273	0.302	0.275		0.283	0.254	0.269
	10/6/2004		1	0.248	0.257	0.259	0.26	0.236	0.243	0.149
	3/8/2005		1	0.241	0.225	0.227	0.277	0.251	0.241	0.128
	5/24/2005		1	0.192	0.203	0.188	0.245	0.174	0.18	0.166
	8/16/2005		1	0.306	0.29	0.232	0.237	0.281	0.276	0.233
	10/11/2005		1	0.216	0.225	0.194	0.224	0.249	0.254	0.146
	2/14/2006		1	0.268	0.206	0.209	0.198	0.248	0.2	0.134
	5/9/2006		1	0.244	0.233	0.195	0.216	0.196		0.228
	8/15/2006		1	0.311	0.302	0.254	0.225	0.265	0.257	0.268
	10/9/2006		1	0.249	0.29	0.229		0.224	0.217	0.117
	2/20/2007		1	0.238	0.234	0.156	0.16	0.176	0.16	0.125
	5/15/2007		1	0.187	0.198	0.163	0.155	0.167	0.138	0.201
	8/21/2007		1	0.285	0.261	0.174	0.234	0.183	0.148	0.277
	10/24/2007		1	0.227	0.212	0.22	0.224	0.157	0.154	0.17
	2/26/2008		1	0.194	0.144	0.232	0.308	0.164	0.193	0.207
	5/20/2008		1	0.178	0.167		0.174	0.335	0.155	0.191
	8/18/2008		1	0.237	0.226	0.195	0.191	0.203	0.177	0.191
	10/20/2008		1	0.159	0.167	0.112	0.14	0.075	0.066	0.028
	3/3/2009		1	0.221	0.172	0.145	0.126	0.168	0.096	0.081
	5/12/2009		1	0.14	0.124	0.104	0.089	0.082		0.127
	7/20/2009		1	0.264	0.227	0.154	0.161	0.193	0.153	0.186
	11/3/2009		1	0.272	0.264	0.188	0.157	0.175	0.166	0.154
	3/3/2010		1	0.272	0.26	0.218		0.207	0.197	
	5/19/2010		1	0.204	0.202	0.162	0.182	0.168		
	7/27/2010		1	0.228	0.206	0.204	0.204	0.23		0.17
	10/19/2010		1	0.21	0.19	0.226	0.234	0.138	0.128	0.13
	5/24/2011		1	0.2	0.202	0.22	0.249	0.192	0.171	0.179
	7/26/2011		1	0.224	0.224	0.234	0.244	0.221	0.208	0.276
	10/10/2011		1	0.251	0.247	0.204	0.256	0.216	0.207	0.195
	2/2/2012		1	0.255	0.168	0.199	0.248	0.219	0.206	0.215
	5/9/2012		1	0.176	0.156	0.205	0.25	0.2	0.202	0.19

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/7/2012		1	0.284	0.229	0.257	0.247	0.28	0.304	0.378
	10/22/2012		1	0.302	0.269	0.235	0.286	0.288	0.299	0.285
	5/22/2013		1	0.28	0.264	0.224	0.289	0.264	0.233	0.302
	8/19/2013		1	0.326	0.305	0.256	0.231	0.317	0.324	0.378
	10/21/2013		1	0.324	0.33	0.244	0.227	0.326	0.322	0.266
	2/18/2014		1	0.333	0.295	0.227	0.235	0.318	0.334	0.28
	5/27/2014		1	0.29	0.29	0.21	0.21	0.26	0.26	0.2
Dissolved Solids(C)-Total										
	3/15/1995		1	638	1890	3090	9000	1400		
	5/15/1995		1	1070	1840	3270	7570	1000		
	7/25/1995		1	1440	1880	3410	8120	960		
	10/3/1995		1	1760	1870	3600	8160	1280		
	3/25/1996		1	1890	1790	2260		1350		
	5/20/1996		1	1090	1500	2750	7650	1110		
	7/1/1996		1	1150	1530	3060	7520	1110		
	8/5/1996		1	1290	1450	2910	7300	1110		
	9/3/1996		1	1470	1720	3450	7030	1080		
	9/30/1996		1	1380	1490	2850	6660	1090		
	3/4/1997		1	1790	1550	2610	8200	1450		
	5/14/1997		1	812	1660	2910	7860	1160		
	7/8/1997		1	1250	1370	2430		981		
	7/16/1997		1				6740			
	8/4/1997		1	1300	1490	2570	6860	1090	944	
	9/2/1997		1	1200	1400	2280	6640	1020	902	
	10/6/1997		1	1300	1440	2350		1080	1010	
	5/19/1998		1	1230	1360	2140	6310	1100	1050	
	7/6/1998		1	1260	1390	2170	5620	1130	1090	
	8/3/1998		1	1290	1340	2240	5500	1150	1110	
	9/8/1998		1	1310	1440	2380		1250	1160	
	10/19/1998		1	1430	1460	2480	5730	1210	1190	
	2/23/1999		1	1480	1490	2750	6080	1490	1450	
	5/25/1999		1	1130	1390	2340	5430		1090	447
	8/2/1999		1	1290	1300	2380	5380		1110	564
	10/11/1999		1	1340	1360	2460	5450		1140	596
	2/14/2000		1	1440	1470	2590	5410		1330	865
	5/2/2000		1	1360	1420	2450	5180		1230	851
	8/1/2000		1	1400	1420	2380	5110		1250	936
	10/9/2000		1	1400	1440	2420	4990	1310	1300	1020
	3/19/2001		1	1540	1500	2180	4540	1470	1510	721
	5/14/2001		1	1050	1440	2350	4590	1380	1310	699
	8/6/2001		1	1360	1410	2240	4700	1340	1290	854

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/10/2001		1	1430	1480	2420	4930	1370	1350	877
	2/11/2002		1	1540	1520	2400	4800	1530	1540	1030
	5/13/2002		1	1380	1320	2210	4050	1340	1230	945
	8/13/2002		1	1360	1490	2280	4550	1460	1460	1090
	10/7/2002		1	1370	1490	2220	4290	1500	1450	822
	2/10/2003		1	1580	1630	2520	4440	1630	1660	1440
	5/7/2003		1	1240	1440	2010	4170	1420	1360	1060
	8/12/2003		1	1500	1500	2190	4180	1420	1400	1220
	10/7/2003		1	1540	1540	2280	4250	1480	1470	1290
	3/16/2004		1	1660	1710	2190		1690	1770	1580
	5/18/2004		1	1270	1480	2140	3830	1410	1390	992
	8/10/2004		1	1420	1300	2140		1400	1420	1050
	10/6/2004		1	1470	1510	2170	3840	1440	1430	1090
	3/8/2005		1	1530	1590	2170	3830	1570	1590	1350
	5/24/2005		1	1430	1490	2060	3430	1400	1460	1080
	8/16/2005		1	1350	1460	2080	3300	1380	1420	1000
	10/11/2005		1	1430	1460	2050	3130	1440	1430	1050
	2/14/2006		1	1500	1610	1990	2940	1620	1620	1280
	5/9/2006		1	1350	1460	2030	2930	1380		824
	8/15/2006		1	1440	1460	2000	2710	1420	1410	962
	10/9/2006		1	1470	1420	1930		1440	1360	1020
	2/20/2007		1	1620	1600	2160	2760	1590	1690	1280
	5/15/2007		1	1490	1510	2030	2640	1420	1410	1070
	8/21/2007		1	1380	1460	1940	2450	1440	1440	1180
	10/24/2007		1	1470	1510	2050	2580	1490	1490	1260
	2/26/2008		1	1670	1740	2260	2750	1710	1830	1710
	5/20/2008		1	1470	1500		2420	3440	1450	1230
	8/18/2008		1	1530	1530	1990	2360	1540	1520	1350
	10/20/2008		1	1590	1560	2040	2490	1490	1520	1370
	3/3/2009		1	1610	1670	2130	2580	1680	1750	1760
	5/12/2009		1	1150	1440	1880	2220	1330		648
	7/20/2009		1	1300	1420	1920	2290	1260	1300	800
	11/3/2009		1	1390	1460	2000	2330	1360	1360	972
	3/3/2010		1	1310	1490	1890	2310	1420	1420	
	5/19/2010		1	1310	1370	1810	2160	1280		
	7/27/2010		1	1280	1410	1870	2270	1270		953
	10/19/2010		1	1360	1400	1890	2240	1330	1310	1020
	3/8/2011		1	1460	1510	1930	2320	1440	1450	1180
	5/24/2011		1	1240	1270	1640	1930	1140	1100	689
	7/26/2011		1	1340	1350	1800	2090	1230	1230	810
	10/10/2011		1	1360	1420	1870	2140	1280	1260	932

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/2/2012		1	1380	1430	1880	2160	1360	1350	1110
	5/9/2012		1	1320	1330	1740	1990	1240	1210	987
	8/7/2012		1	1380	1400	1850	2150	1340	1310	1140
	10/22/2012		1	1450	1470	1900	2260	1400	1390	1220
	2/11/2013		1	1560	1470	1990	2380	1460	1590	1490
	5/22/2013		1	1330	1410	1780	2150	1290	1240	1000
	8/19/2013		1	1330	1350	1750	2070	1290	1290	929
	10/21/2013		1	1380	1380	1820	2080	1340	1330	1010
	2/18/2014		1	1460	1460	1890	2180	1480	1550	1310
	5/27/2014		1	1320	1330	1680	1930	1260	1210	965
Hardness Total (as CaCO3)										
	3/15/1995		1	216	601	776	1900	568		
	5/15/1995		1	382	553	858	1770	402		
	7/25/1995		1	423	581	800	1820	367		
	10/3/1995		1	551	644	981	1780	485		
	3/25/1996		1	592	631	655		508		
	5/20/1996		1	380	494	746	1660	392		
	7/1/1996		1	396	472	753	1540	412		
	8/5/1996		1	441	474	750	1540	433		
	9/3/1996		1	456	600	940	1430	395		
	9/30/1996		1	494	497	763	1440	412		
	3/4/1997		1	650	493	842	1720	507		
	5/14/1997		1	315	528	734	1610	441		
	7/8/1997		1	421	433	680		369		
	7/16/1997		1				1400			
	8/4/1997		1	467	533	752	1550	433	407	
	9/2/1997		1	400	461	612	1400	373	357	
	10/6/1997		1	444	470	646		404	394	
	5/19/1998		1	423	446	615	1390	393	410	
	7/6/1998		1	441	482	640	1350	423	419	
	8/3/1998		1	428	460	605	1310	411	408	
	9/8/1998		1	454	512	648		486	438	
	10/19/1998		1	472	500	672	1350	445	445	
	2/23/1999		1	506	485	794	1450	579	575	
	5/25/1999		1	423	502	667	1300		436	263
	8/2/1999		1	470	479	706	1330		456	334
	10/11/1999		1	494	493	716	1320		454	386
	2/14/2000		1	544	551	779	1370		537	552
	5/2/2000		1	480	492	678	1200		466	388
	8/1/2000		1	515	504	682	1210		470	400
	10/9/2000		1	504	544	743	1250	511	503	473

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/19/2001		1	572	555	733	1130	559	589	398
	5/14/2001		1	406	500	662	1010	508	492	370
	8/6/2001		1	487	496	650	1140	494	476	396
	10/10/2001		1	524	539	719	1220	525	517	416
	2/11/2002		1	576	539	732	1140	557	572	495
	5/13/2002		1	534	505	657	1100	514	512	460
	8/13/2002		1	456	522	634	1090	568	568	419
	10/7/2002		1	450	518	646	1020	600	567	444
	2/10/2003		1	550	563	736	1100	568	593	589
	5/7/2003		1	469	535	624	1010	514	527	471
	8/12/2003		1	531	528	668	992	521	512	511
	10/7/2003		1	534	551	693	945	526	533	494
	3/16/2004		1	588	592	714		603	623	621
	5/18/2004		1	455	514	661	971	506	511	436
	8/10/2004		1	480	494	623		503	500	457
	10/6/2004		1	533	526	636	964	521	530	470
	3/8/2005		1	550	572	720	973	580	591	574
	5/24/2005		1	504	520	613	878	508	523	457
	8/16/2005		1	504	517	618	860	522	528	453
	10/11/2005		1	543	520	643	853	554	547	477
	2/14/2006		1	606	622	697	898	617	633	600
	5/9/2006		1	514	547	671	841	520		428
	8/15/2006		1	554	563	678	826	570	556	464
	10/9/2006		1	449	501	612		521	497	427
	2/20/2007		1	617	594	704	836	606	654	586
	5/15/2007		1	567	567	650	776	519	511	484
	8/21/2007		1	508	541	621	732	539	558	513
	10/24/2007		1	566	582	678	756	586	590	551
	2/26/2008		1	652	686	758	842	653	725	741
	5/20/2008		1	560	577		740	1232	575	526
	8/18/2008		1	563	546	629	696	576	554	525
	10/20/2008		1	630	593	742	834	586	590	556
	3/3/2009		1	613	597	700	768	636	644	692
	5/12/2009		1	424	504	584	649	476		298
	7/20/2009		1	498	557	712	696	467	496	359
	11/3/2009		1	539	579	689	787	536	541	464
	3/3/2010		1	564	594	688	777	562	612	
	5/19/2010		1	506	519	613	658	515		
	7/27/2010		1	513	523	622	695	504		460
	10/19/2010		1	550	554	678	749	545	548	480
	3/8/2011		1	600	604	704	797	578	583	546

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/24/2011		1	548	541	613	695	517	496	388
	7/26/2011		1	547	550	636	725	508	528	421
	10/10/2011		1	563	575	669	751	538	543	466
	2/2/2012		1	586	581	696	759	574	572	540
	5/9/2012		1	500	476	587	606	465	466	399
	8/7/2012		1	538	531	644	713	546	527	496
	10/22/2012		1	575	583	673	770	581	563	540
	2/11/2013		1	642	574	826	741	584	747	596
	5/22/2013		1	553	576	621	737	529	541	485
	8/19/2013		1	537	535	620	690	529	528	455
	10/21/2013		1	549	541	644	675	538	529	471
	2/18/2014		1	594	548	675	706	607	567	600
	5/27/2014		1	542	534	617	661	543	501	457
Hydroxide (OH)										
	3/15/1995	1.000	1	*ND	*ND	*ND	*ND	*ND		
	5/15/1995	1.000	1	*ND	*ND	*ND	*ND	*ND		
	7/25/1995	1.000	1	*ND	*ND	*ND	*ND	*ND		
	10/3/1995	1.000	1	*ND	*ND	*ND	*ND	*ND		
	3/25/1996	1.000	1	*ND	*ND	*ND		*ND		
	5/20/1996	1.000	1	*ND	*ND	*ND	*ND	*ND		
	7/1/1996	1.000	1	*ND	*ND	*ND	*ND	*ND		
	8/5/1996	1.000	1	*ND	*ND	*ND	*ND	*ND		
	9/3/1996	1.000	1	*ND	*ND	*ND	*ND	*ND		
	9/30/1996	1.000	1	*ND	*ND	*ND	*ND	*ND		
	3/4/1997	1.000	1	*ND	*ND	*ND	*ND	*ND		
	5/14/1997	1.000	1	*ND	*ND	*ND	*ND	*ND		
	7/8/1997	1.000	1	*ND	*ND	*ND		*ND		
	7/16/1997	1.000	1				*ND			
	8/4/1997	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/2/1997	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	10/6/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/19/1998	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	7/6/1998	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	8/3/1998	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/8/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/19/1998	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	2/23/1999	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/25/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/2/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	10/11/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	2/14/2000	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/2/2000	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/1/2000	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	10/9/2000	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/19/2001	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/14/2001	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/6/2001	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2001	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2002	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/13/2002	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/13/2002	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2002	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/10/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/12/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/16/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/18/2004	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/10/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/16/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/11/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/14/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2006	1.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	8/15/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/9/2006	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/20/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/15/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/21/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/24/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/26/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/20/2008	1.000	1	*ND	*ND		*ND	1	*ND	*ND
	8/18/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/20/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009	1.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	1.000	1	*ND	*ND	*ND	*ND	*ND		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	7/27/2010	1.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/7/2012	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/22/2013	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/19/2013	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/27/2014	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Iron (Fe)										
	3/15/1995	0.007	1	0.295	0.134	0.113	*ND	0.179		
	5/15/1995		1	0.131	0.152	0.104	0.044	0.094		
	7/25/1995		1	0.038	0.064	0.114	0.03	0.088		
	10/3/1995		1	0.265	0.067	0.175	0.053	0.244		
	3/25/1996		1	0.054	0.051	0.057		0.11		
	5/20/1996	0.007	1	0.041	0.007	0.022	*ND	0.037		
	7/1/1996	0.007	1	0.087	*ND	0.027	*ND	0.027		
	8/5/1996	0.007	1	0.012	*ND	0.067	*ND	0.057		
	9/3/1996	0.007	1	0.062	0.015	0.094	*ND	0.055		
	9/30/1996		1	0.18	0.09	0.253	0.073	0.237		
	3/4/1997		1	0.107	0.079	0.091	0.267	0.119		
	5/14/1997		1	0.415	0.051	0.118	0.05	0.065		
	7/8/1997		1	0.053	0.06	0.126		0.104		
	7/16/1997	0.007	1				*ND			
	8/4/1997		1	0.03	0.021	0.045	0.018	0.032	0.112	
	9/2/1997		1	0.072	0.039	0.12	0.059	0.07	0.337	
	10/6/1997		1	0.21	0.149	0.922		0.14	0.334	
	5/19/1998	0.007	1	0.042	0.038	0.075	*ND	0.019	0.03	
	7/6/1998	0.007	1	0.053	0.017	0.055	*ND	0.017	0.083	
	8/3/1998	0.007	1	*ND	*ND	0.035	*ND	0.038	0.363	
	9/8/1998	0.007	1	*ND	*ND			0.057		
	9/10/1998		1			0.032			0.175	
	10/19/1998		1	0.143	0.069	0.138	0.097	0.31	0.504	
	2/23/1999	0.007	1	*ND	*ND	*ND	*ND	*ND	*ND	

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/25/1999	0.007	1	0.02	*ND	*ND	0.041		0.054	0.129
	8/2/1999		1	0.024	0.012	0.032	0.041		0.21	0.099
	10/11/1999		1	0.024	0.011	0.485	1.36		0.218	0.604
	2/14/2000	0.010	1	0.015	0.01	0.011	*ND		0.062	0.123
	5/2/2000		1	0.06	0.033	0.046	1.78		0.048	0.09
	8/1/2000	0.010	1	0.019	0.031	*ND	0.03		0.091	0.126
	10/9/2000		1	0.12	0.087	0.186	0.207	0.092	0.18	0.42
	3/19/2001		1	0.133	0.145	0.02	0.06	0.018	0.068	1.2
	5/14/2001		1	0.106	0.071	0.069	0.059	0.027	0.059	0.03
	8/6/2001	0.010	1	0.019	*ND	0.021	*ND	0.014	0.117	0.077
	10/10/2001		1	0.17	0.119	0.292	0.15	0.115	0.197	0.325
	2/11/2002		1	0.017	0.17	0.109	0.089	0.098	0.015	0.042
	5/13/2002		1	0.11	0.062	0.213	0.719	0.062	0.144	1.33
	8/13/2002		1	0.083	0.06	0.09	0.079	0.145	0.201	0.472
	10/7/2002		1	0.118	0.073	0.244	0.457	0.171	0.434	0.856
	2/10/2003		1	0.081	0.036	0.094	0.142	0.075	0.05	0.094
	5/7/2003		1	0.088	0.054	0.099	0.167	0.111	0.195	0.176
	8/12/2003		1	0.113	0.033	0.042	0.185	0.147	0.209	0.331
	10/7/2003		1	0.054	0.057	0.068	0.081	0.089	0.22	0.168
	3/16/2004		1	0.056	0.063	0.07		0.05	0.045	0.653
	5/18/2004		1	0.12	0.056	0.086	0.218	0.103	0.147	0.071
	8/10/2004		1	0.113	0.055	0.079		0.108	0.186	0.218
	10/6/2004		1	0.145	0.067	0.159	0.171	0.158	0.242	0.287
	3/8/2005		1	0.046	0.049	0.065	0.136	0.051	0.054	0.071
	5/24/2005		1	0.08	0.058	0.074	0.205	0.11	0.743	0.158
	8/16/2005		1	0.254	0.236	0.143	0.241	0.299	0.353	0.341
	10/11/2005		1	0.243	0.166	0.213	0.305	0.461	0.38	0.511
	2/14/2006		1	0.098	0.107	0.113	0.186	0.093	0.158	0.128
	5/9/2006		1	0.308	0.279	0.255	0.451	0.292		0.594
	8/15/2006		1	0.095	0.068	0.082	0.096	0.113	0.202	0.128
	10/9/2006		1	0.142	0.062	0.128		0.161	0.238	0.345
	2/20/2007	0.050	1	0.063	*ND	*ND	*ND	*ND	1.8	0.068
	5/15/2007		1	0.115	0.077	0.134	0.128	0.094	0.116	0.142
	8/21/2007	0.050	1	*ND	0.056	0.134	*ND	0.157	0.24	0.548
	10/24/2007		1	0.117	0.101	0.287	0.075	0.225	0.275	0.442
	2/26/2008	0.050	1	*ND	*ND	0.088	*ND	*ND	*ND	0.08
	5/20/2008	0.050	1	*ND	*ND		*ND	0.108	0.073	0.145
	8/18/2008	0.050	1	*ND	*ND	*ND	*ND	0.082	0.149	0.096
	10/20/2008		1	0.117	0.135	0.11	0.126	0.099	0.46	0.476
	3/3/2009	0.050	1	0.098	*ND	*ND	*ND	*ND	0.117	0.062
	5/12/2009	0.050	1	0.086	0.076	*ND		0.082		0.08

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/14/2009		1				0.063			
	7/20/2009	0.050	1	*ND	0.084	0.069	*ND	0.07	0.123	0.131
	11/3/2009		1	0.145	0.154	0.189	0.122	0.209	0.199	0.253
	3/3/2010	0.050	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	0.050	1	*ND	*ND	0.05	*ND	*ND		
	7/27/2010	0.050	1	0.064	*ND	0.059	*ND	0.075		0.136
	10/19/2010		1	0.147	0.141	0.246	0.163	0.142	0.197	0.29
	3/8/2011	0.050	1	0.05	0.06	0.08	0.071	0.052	*ND	*ND
	5/24/2011	0.050	1	*ND	*ND	0.071	0.066	*ND	0.152	0.073
	7/26/2011		1	0.095	0.057	0.109	0.053	0.072	0.059	0.076
	10/10/2011		1	0.272	0.228	0.19	0.074	0.206	0.85	0.505
	2/2/2012		1	0.126	0.177	0.142	0.107	0.082	0.101	0.114
	5/9/2012		1	0.053	0.108	0.21	0.096	0.081	0.063	0.101
	8/7/2012		1	0.054	0.078	0.192	0.132	0.094	0.099	0.136
	10/22/2012		1	0.141	0.185	0.153	0.228	0.262	0.244	0.252
	2/11/2013	0.050	1	*ND	*ND	*ND	0.063	*ND	0.06	*ND
	5/22/2013		1	0.094	0.081	0.121	0.155	0.139	0.823	0.211
	8/19/2013	0.050	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013		1	0.058	0.059	0.084	0.054	0.089	0.112	0.074
	2/18/2014	0.050	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/27/2014	0.050	1	0.071	*ND	*ND	*ND	*ND	*ND	*ND
Lead (Pb)										
	10/3/1995	0.200	1	0.4	0.51	*ND	*ND	0.68		
	3/25/1996		1	1.72	2.32	1.7		3.08		
	5/20/1996		1	2.34	3.99	8.72	16.2	2.02		
	7/1/1996	0.200	1	*ND	*ND	23	*ND	*ND		
	8/5/1996	0.200	1	*ND	0.76	2.46	*ND	*ND		
	9/3/1996	0.200	1	*ND	*ND	*ND	*ND	1.18		
	9/30/1996	0.200	1	1.1	21	151	*ND			
	10/1/1996		1					2.35		
	3/4/1997	0.200	1	*ND	*ND	*ND	*ND	0.95		
	5/14/1997	1.000	1	3.28	1.3	*ND	*ND	0.81		
	7/8/1997	1.000	1	*ND	*ND	*ND		*ND		
	7/16/1997	1.000	1				*ND			
	8/4/1997	1.000	1	*ND	*ND	*ND	*ND	1.15	*ND	
	9/2/1997	1.000	1	1.18	*ND			*ND	1.64	
	9/3/1997	5.000	1			1.68	*ND			
	10/6/1997		1	7.39	8.61	6.32		2.42	4.12	
	5/19/1998	1.000	1	*ND	2.1	*ND	13.7	*ND	*ND	
	7/6/1998	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	8/3/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/4/1998	5.000	1				*ND			
	9/8/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/21/1998	5.000	1				*ND			
	2/23/1999	1.000	1	*ND	*ND	*ND		*ND	*ND	
	2/24/1999	5.000	1				*ND			
	5/25/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/2/1999	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/3/1999	5.000	1				*ND			
	10/11/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	2/14/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	2/15/2000	5.000	1				*ND			
	5/2/2000	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/1/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/2/2000	5.000	1				*ND			
	10/9/2000	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/19/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/20/2001	5.000	1				*ND			
	5/14/2001	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/6/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	8/7/2001	5.000	1				*ND			
	10/10/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/11/2001	5.000	1				*ND			
	2/11/2002	1.000	1	*ND	1.17	*ND	39	*ND	*ND	*ND
	5/13/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/14/2002	5.000	1				*ND			
	10/7/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/8/2002	5.000	1				*ND			
	2/10/2003	5.000	1				*ND			
	2/10/2003	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/12/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/16/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/18/2004	1.000	1	*ND	*ND	*ND	1.59	*ND	*ND	*ND
	8/10/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/7/2004	5.000	1				*ND			
	3/8/2005	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/9/2005	5.000	1				*ND			
	5/24/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/16/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/11/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/14/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2006	1.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	8/15/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/9/2006	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/20/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/15/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/21/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/24/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/26/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/20/2008	1.000	1	*ND	*ND		*ND	1	*ND	*ND
	8/18/2008	10.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/20/2008	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Magnesium (Mg)										
	3/15/1995		1	37.9	111	155	417	83.8		
	5/15/1995		1	62.4	98.5	171	385	63.7		
	7/25/1995		1	72.1	101	158	393	54.9		
	10/3/1995		1	92.1	115	193	386	73.8		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/25/1996		1	99	110	115		80.7		
	5/20/1996		1	60.9	85.2	146	362	62.3		
	7/1/1996		1	62.1	80.1	146	333	63.8		
	8/5/1996		1	72.2	80.1	145	334	66.3		
	9/3/1996		1	75.2	102	183	311	59.5		
	9/30/1996		1	81.2	83.9	147	310	62		
	3/4/1997		1	106	79.7	147	368	76.4		
	5/14/1997		1	45	87.3	138	347	66.7		
	7/8/1997		1	66.1	69.8	124		53.8		
	7/16/1997		1				297			
	8/4/1997		1	73.1	85.8	137	328	63.5	57.1	
	9/2/1997		1	61.9	73.5	110	298	53.7	49.4	
	10/6/1997		1	69.7	75.8	116		59.2	55.8	
	5/19/1998		1	64.5	70.2	108	290	57.5	58.2	
	7/6/1998		1	67.7	76	113	280	62.2	60.3	
	8/3/1998		1	66.8	72.9	108	271	60.8	59.2	
	9/8/1998		1	71	81.2	116		72.4	64.1	
	10/19/1998		1	73.8	79.1	121	277	65.6	64.8	
	2/23/1999		1	78.8	76.7	143	299	87.1	84.9	
	5/25/1999		1	63.1	77.9	118	265		62.4	30.4
	8/2/1999		1	71.9	73.5	126	273		65.9	39.2
	10/11/1999		1	75.5	75.8	127	266		65.8	44.5
	2/14/2000		1	83.8	85.4	138	278		78.6	65.5
	5/2/2000		1	73.6	75.9	120	241		68.4	50.4
	8/1/2000		1	81.2	78.2	124	244		72.2	55.4
	10/9/2000		1	78.8	85.3	133	251	77.1	75.8	66.5
	3/19/2001		1	89.1	86.8	125	220	85.8	88.7	49.7
	5/14/2001		1	59.6	77.6	117	198	76.6	73.3	47.8
	8/6/2001		1	74.5	76.2	114	226	74.3	70.4	53.3
	10/10/2001		1	80.7	83.3	126	241	78.7	77.4	59.9
	2/11/2002		1	88.6	83.6	129	225	85.3	86	71
	5/13/2002		1	82.8	78.7	115	216	77.9	77.1	66
	8/13/2002		1	70	81.4	111	214	86.2	85.7	60.8
	10/7/2002		1	69.1	80.2	112	198	90.6	85.3	60.3
	2/10/2003		1	84.3	87.8	128	208	88	89.8	85.7
	5/7/2003		1	72	83.2	108	197	77.9	79.8	68.1
	8/12/2003		1	84.1	82.9	117	197	80	79.1	75.8
	10/7/2003		1	84.8	87.4	122	189	83	84.1	75.2
	3/16/2004		1	92.3	94.3	123		95.6	98.4	95
	5/18/2004		1	69.5	80.9	115	191	79	79.6	62.9
	8/10/2004		1	75	77.8	108		78.6	78.2	67.2

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/6/2004		1	83.8	83.2	110	188	81.2	82.6	69.7
	3/8/2005		1	85.4	90	120	187	90	91.6	84.6
	5/24/2005		1	78.1	81.6	105	167	78.5	80.7	67.1
	8/16/2005		1	76.2	80.2	106	161	79.9	80.6	66.9
	10/11/2005		1	83.1	80.5	109	158	84.6	83.4	70.1
	2/14/2006		1	88.4	97	114	158	95.7	97.6	88.1
	5/9/2006		1	78.3	85.2	114	154	80.1		58.8
	8/15/2006		1	86.1	87.6	115	149	89.1	87.6	70.3
	10/9/2006		1	68.3	78.2	102		82.9	77.7	65.3
	2/20/2007		1	94.7	91.4	117	149	93.4	101	88.2
	5/15/2007		1	88.4	89	112	140	81.9	81.3	74.1
	8/21/2007		1	79	84.9	107	132	85.6	89.3	77.9
	10/24/2007		1	88.3	92.5	117	137	93.8	94.8	84.7
	2/26/2008		1	102	109	130	151	103	116	115
	5/20/2008		1	88.6	92.2		133	205.4	92	81.3
	8/18/2008		1	90.7	87.8	109	125	92.3	89.3	86.9
	10/20/2008		1	102	95.9	134	154	95.9	96	93
	3/3/2009		1	95.1	96.9	121	138	103	105	115
	5/12/2009		1	66.2	81	101	116	76.7		44.2
	7/20/2009		1	75.5	88.2	124	118	76.6	79.5	53.8
	11/3/2009		1	81.9	92.7	119	140	82.5	83.5	69.3
	3/3/2010		1	87.3	95.9	118	138	89.4	97.6	
	5/19/2010		1	80.2	83	105	116	81.4		
	7/27/2010		1	80.3	83.2	106	122	79		66.7
	10/19/2010		1	85.3	88	115	131	85.1	85.8	69.4
	3/8/2011		1	92.3	96.1	118	139	88.5	88.6	76.2
	5/24/2011		1	84.8	84.5	103	120	79.6	75.8	52
	7/26/2011		1	85	85.6	107	125	78.2	80.7	57.9
	10/10/2011		1	87.6	90.2	113	130	82.9	83.4	66.1
	2/2/2012		1	87.9	90.4	116	130	87.7	87.1	76.7
	5/9/2012		1	77.6	74.2	97.9	104	71.3	71.2	57.2
	8/7/2012		1	83.6	82.6	107	122	83.7	80.8	73.5
	10/22/2012		1	89.7	91.5	113	133	89.7	86.9	81.2
	2/11/2013		1	100	89.9	137	128	90.5	116	90.1
	5/22/2013		1	84.6	89.6	103	126	81.1	82.1	69
	8/19/2013		1	82.7	82.6	103	118	80.9	80.6	64.8
	10/21/2013		1	84.3	83.7	106	117	82.3	80.8	68.8
	2/18/2014		1	91.3	84.6	111	122	93.3	87.1	88.5
	5/27/2014		1	83.5	82.6	102	114	82.7	76.5	66.5
Manganese (Mn)										
	3/15/1995		1	0.02	0.007	0.009	0.006	0.808		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/15/1995		1	0.029	0.031	0.013	0.016	0.022		
	7/25/1995		1	0.046	0.014	0.017	0.018	0.056		
	10/3/1995		1	0.025	0.012	0.017	0.019	0.032		
	3/25/1996		1	0.052	0.01	0.012		0.437		
	5/20/1996	0.002	1	0.018	0.027	*ND	*ND	0.003		
	7/1/1996	0.002	1	0.081	*ND	*ND	*ND	*ND		
	8/5/1996	0.002	1	0.016	0.006	*ND	*ND	0.06		
	9/3/1996	0.002	1	*ND	*ND	*ND	*ND	0.068		
	9/30/1996	0.002	1	*ND	*ND	0.004	*ND	0.031		
	3/4/1997	0.002	1	0.014	0.006	0.012	*ND	0.138		
	5/14/1997	0.002	1	0.036	0.049	*ND	0.006	0.053		
	7/8/1997	0.002	1	0.006	*ND	*ND		0.039		
	7/16/1997	0.002	1				*ND			
	8/4/1997	0.002	1	0.033	0.011	0.015	*ND	0.113	0.015	
	9/2/1997		1	0.025	0.026	0.011	0.046	0.046	0.045	
	10/6/1997	0.002	1	0.006	*ND			0.005	0.021	
	10/8/1997		1			0.014				
	5/19/1998	0.002	1	0.011	*ND	*ND	*ND	0.011	0.015	
	7/6/1998	0.002	1	0.012	*ND	0.004	*ND	*ND	0.009	
	8/3/1998	0.002	1	0.011	0.012	0.037	*ND	0.037	0.05	
	9/8/1998		1	0.029	0.037	0.054		0.053	0.042	
	10/19/1998	0.002	1	0.014			*ND			
	10/20/1998		1		0.012	0.022		0.037	0.042	
	2/23/1999	0.002	1	*ND	*ND	*ND	*ND	0.013	0.068	
	5/25/1999	0.002	1	0.006	*ND	0.011	0.018		0.011	0.09
	8/2/1999		1	0.1	0.034	0.03	0.033		0.066	0.162
	10/11/1999	0.010	1	*ND	*ND	0.034	0.088		0.031	0.16
	2/14/2000	0.010	1	*ND	*ND	*ND	*ND		0.033	0.706
	5/2/2000		1	0.014	0.012	0.019	0.179		0.032	0.064
	8/1/2000	0.010	1	*ND	0.014	*ND	*ND		0.065	0.168
	10/9/2000		1	0.014	0.013	0.02	0.054	0.022	0.025	0.104
	3/19/2001	0.010	1	*ND	*ND	*ND	*ND	0.037	0.048	0.627
	5/14/2001	0.010	1	0.012	0.036	*ND	0.022	0.057	0.045	0.061
	8/6/2001	0.010	1	*ND	*ND	*ND	*ND	0.03	0.032	0.082
	10/10/2001	0.010	1	0.02	*ND	0.021	0.012	0.024	0.021	0.04
	2/11/2002	0.010	1	*ND	*ND	*ND	*ND	*ND	*ND	0.143
	5/13/2002	0.010	1	0.015	*ND	0.015	0.092	0.03	0.034	0.094
	8/13/2002	0.010	1	0.042	0.022	*ND	0.067	0.049	0.015	0.041
	10/7/2002		1	0.019	0.015	0.016	0.045	0.035	0.035	0.156
	2/10/2003	0.010	1	0.013	*ND	*ND	0.011	0.019	0.022	0.107
	5/7/2003		1	0.039	0.079	0.019	0.048	0.083	0.076	0.054

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/12/2003		1	0.064	0.081	0.033	0.046	0.193	0.111	0.107
	10/7/2003	0.010	1	0.015	0.015	*ND	0.012	0.022	0.036	0.05
	3/16/2004	0.010	1	0.014	*ND	*ND		0.066	0.055	0.155
	5/18/2004		1	0.022	0.02	0.013	0.021	0.027	0.033	0.029
	8/10/2004		1	0.062	0.07	0.035		0.085	0.057	0.135
	10/6/2004		1	0.021	0.034	0.016	0.022	0.031	0.032	0.089
	3/8/2005	0.010	1	0.03	*ND	*ND	*ND	0.097	0.054	0.116
	5/24/2005		1	0.015	0.016	0.011	0.021	0.022	0.033	0.019
	8/16/2005		1	0.083	0.066	0.022	0.047	0.059	0.046	0.085
	10/11/2005		1	0.024	0.014	0.014	0.027	0.044	0.036	0.087
	2/14/2006	0.010	1	0.077	0.012	*ND	*ND	0.012	0.015	0.076
	5/9/2006		1	0.061	0.079	0.036	0.05	0.065		0.097
	8/15/2006		1	0.071	0.088	0.026	0.052	0.047	0.068	0.094
	10/9/2006		1	0.024	0.015	0.012		0.03	0.027	0.053
	2/20/2007	0.010	1	0.011	*ND	*ND	*ND	0.055	0.075	0.142
	5/15/2007		1	0.022	0.022	0.017	0.025	0.018	0.025	0.041
	8/21/2007		1	0.042	0.026	0.019	0.047	0.025	0.036	0.084
	10/24/2007		1	0.015	0.014	0.03	0.016	0.029	0.033	0.068
	2/26/2008	0.010	1	0.022	*ND	*ND	*ND	*ND	0.017	0.086
	5/20/2008		1	0.022	0.034		0.011	0.032	0.02	0.026
	8/18/2008		1	0.041	0.037	0.021	0.014	0.059	0.048	0.09
	10/20/2008		1	0.013	0.018	0.011	0.014	0.013	0.049	0.061
	3/3/2009	0.010	1	0.033	*ND	*ND	*ND	0.023	0.064	0.077
	5/12/2009		1	0.063	0.08	0.027	0.038	0.065		0.053
	7/20/2009		1	0.037	0.034	0.016	0.016	0.023	0.034	0.069
	11/3/2009		1	0.017	0.021	0.015	0.017	0.021	0.016	0.044
	3/3/2010	0.010	1	0.032	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	0.010	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	0.010	1	0.028	0.024	*ND	0.013	0.08		0.065
	10/19/2010		1	0.024	0.038	0.022	0.021	0.041	0.034	0.032
	3/8/2011	0.010	1	0.048	*ND	*ND	*ND	0.03	0.023	0.035
	5/24/2011		1	0.051	0.051	0.019	0.019	0.049	0.048	0.04
	7/26/2011		1	0.054	0.059	0.02	0.014	0.05	0.047	0.057
	10/10/2011		1	0.037	0.031	0.02	0.056	0.022	0.033	0.06
	2/2/2012	0.010	1	0.015	*ND	*ND	*ND	*ND	*ND	0.055
	5/9/2012	0.010	1	*ND	0.013	0.011	0.019	*ND	*ND	0.011
	8/7/2012		1	0.047	0.034	0.04	0.022	0.023	0.021	0.063
	10/22/2012		1	0.021	0.022	0.015	0.039	0.032	0.028	0.052
	2/11/2013	0.010	1	*ND	*ND	*ND	*ND	*ND	0.01	0.025
	5/22/2013		1	0.09	0.095	0.033	0.069	0.074	0.084	0.118
	8/19/2013		1	0.026	0.042	0.019	0.015	0.041	0.053	0.132

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/21/2013		1	0.02	0.019	0.011	0.044	0.019	0.019	0.021
	2/18/2014		1	0.059	0.031	0.012	0.038	0.027	0.02	0.077
	5/27/2014	0.010	1	0.038	0.057	*ND	0.032	0.014	0.011	0.024
Nickel (Ni)										
	5/14/1997		1	4.53	3.85	3.39	5.44	3.6		
	7/8/1997		1	3.79	3.78	5.22		4.19		
	7/16/1997		1				3.64			
	8/4/1997		1	3.62	3.62	3.27	3.88	3.89	3.7	
	9/2/1997		1	3.49	3.47	3.98	20.4	3.57	4.99	
	10/6/1997		1	3.92	4.03	4.31		3.59	3.74	
	5/19/1998	5.000	1	3.78	4.63	3.63	*ND	4.05	10.4	
	7/6/1998	5.000	1	3.74	4.35	4.16	*ND	3.55	3.84	
	8/3/1998		1	3.88	3.88	3.93	25.3	3.58	3.93	
	9/8/1998		1	3.27	3.53	3.53		3.63	3.51	
	10/19/1998	5.000	1	3.58			*ND			
	10/20/1998		1		3.66	4.17		3.81	4.08	
	2/23/1999	5.000	1	4.56	4.09	4.4	*ND	4.31	4.53	
	5/25/1999		1	4.88	6.88	3.43	4.68		4.36	3.51
	8/2/1999		1	3.64	3.5	8.75	7.16		5.06	3.43
	10/11/1999		1	4.03	3.92	4.65	6.81		4.33	5.96
	2/14/2000	5.000	1	3.53	3.37	3.56	*ND		3.94	6.33
	5/2/2000		1	5.2	4.96	4.86	11.9		5.1	5.45
	8/1/2000		1	4.37	4.34	4.62	7.77		4.46	4.77
	10/9/2000		1	3.4	3.44	3.2	3.84	3.16	3.32	3.86
	3/19/2001		1	4.1	4.17	4.37	7.21	3.91	3.97	6.08
	5/14/2001		1	5.12	3.85	3.81	3.72	3.6	5.48	4.37
	8/6/2001	5.000	1	2.41	2.39	2.66	*ND	2.54	3.06	3.08
	10/10/2001	5.000	1	3.67	3.68	3.9	*ND	4.76	3.91	3.89
	2/11/2002		1	3.46	4.44	3.56	6.67	3.44	3.33	3.76
	5/13/2002	5.000	1	3.35	3.15	3.96	*ND	3.6	6.42	5.26
	10/7/2002	5.000	1	2.82	2.56	7.09	*ND	3.6	4.16	5.42
	2/10/2003		1	5.93	6.19	3.57	5.59	5.09	4.31	5.59
	5/7/2003		1	3.75	3.54	4.32	3.56	4.05	4.33	4.05
	8/12/2003		1	3.8	3.89	3.7	4.23	3.77	4.16	4.09
	10/7/2003		1	3.41	3.85	3.47	3.81	3.28	3.45	3.68
	3/16/2004		1	3.96	4.1	3.81		4.1	3.87	5.04
	5/18/2004		1	4.06	5.08	4.33	10.9	5.65	4.72	4.53
	8/10/2004		1	4.53	6.39	5.41		6	6.82	7.24
	10/6/2004	5.000	1	3.89	4.22	3.78	*ND	4.15	4.33	4.8
	3/8/2005		1	5.89	4.93	5.22	15.2	5.54	5.48	6.17
	5/24/2005		1	6.64	6.48	5.66	6.21	6.11	579	21.1

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/16/2005		1	4.67	4.01	3.5	7.22	5.14	4.44	4.41
	10/11/2005		1	4.91	3.95	4.05	5.17	5.4	5.18	5.5
	2/14/2006		1	5.26	4.58	5.74	5.21	4.59	4.88	5.32
	5/9/2006		1	4.62	6.31	4.55	6.13	5.9		6.48
	8/15/2006		1	6.71	7.57	6.89	6.86	6.24	6.67	5.77
	10/9/2006		1	5.27	4.9	5.23		5.02	4.98	4.79
	2/20/2007		1	9.2	6.87	7.15	6.93	7.04	176	9.65
	5/15/2007		1	5.3	5.11	4.98	6.51	5.16	5.14	5.33
	8/21/2007		1	2.92	3.3	2.84	3.2	3.33	3.34	3.87
	10/24/2007		1	3.09	3.1	3.63	3.16	3.16	3.01	4.6
	2/26/2008		1	3.43	3.32	3.15	3.1	3.32	3.39	4.36
	5/20/2008		1	4.69	4.13		4.06	8.15	4.26	5.5
	8/18/2008	10.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/20/2008	5.000	1	*ND	6.04	*ND	*ND	*ND	*ND	5.73
	3/3/2009	5.000	1	5.64	*ND	*ND	*ND	*ND	*ND	6.49
	5/12/2009	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	5.88	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	53.7	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	*ND	5.11	*ND	5.48
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	5.33
	5/9/2012		1	6.1	6.11	5.67	5.43	6.33	6.09	5.9
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012		1	7.2	6.5	6.79	6.27	5.89	5.76	5.51
	2/11/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	5.38	5.18
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	5.38	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	*ND	*ND	6.27	5.78	*ND	*ND	5.09
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Nitrate + Nitrite (N)										
	3/15/1995		1	0.778	0.593	0.736	0.145	0.171		
	5/15/1995		1	0.13	0.418	0.096	0.034	0.051		
	7/25/1995		1	0.008	0.019	0.014	0.011	0.008		
	10/3/1995	0.005	1	0.087	*ND	0.075	0.01	*ND		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/25/1996		1	0.11	0.04	0.07		0.27		
	5/20/1996	0.020	1	*ND	*ND	*ND	*ND	*ND		
	7/1/1996	0.020	1	0.03	*ND	0.03	0.06	0.02		
	8/5/1996	0.020	1	*ND	*ND	*ND	*ND	*ND		
	9/3/1996	0.020	1	*ND	*ND	*ND	*ND	*ND		
	9/30/1996	0.020	1	0.19	0.08			*ND		
	10/2/1996		1			0.04	0.06			
	3/4/1997		1	0.5	0.24	0.33	0.26	0.09		
	5/14/1997	0.020	1	0.29	0.11	*ND	0.51	*ND		
	7/8/1997		1	0.06	0.04	0.02		0.05		
	7/16/1997	0.020	1				*ND			
	8/4/1997	0.020	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/2/1997		1	0.04	0.03	0.02	0.03	0.05	0.07	
	10/6/1997		1	0.19	0.15	0.1		0.13	0.11	
	5/19/1998		1	0.1	0.08		0.57			
	7/6/1998	0.020	1	*ND	*ND	*ND	0.37	0.04	0.08	
	8/3/1998	0.020	1	0.03	*ND	*ND	*ND	0.03	*ND	
	9/8/1998	0.020	1	*ND	*ND	*ND		0.04	0.03	
	10/19/1998	0.020	1	*ND	0.07	0.02		0.06	0.02	
	10/21/1998		1				0.21			
	2/23/1999	0.020	1	0.3	0.2	0.13	0.46	0.05	*ND	
	5/25/1999		1	0.22	0.13	0.05	0.48		0.11	0.22
	8/2/1999	0.020	1	*ND	*ND	*ND	*ND		*ND	*ND
	10/11/1999	0.020	1	0.09	*ND	*ND	0.12		*ND	0.26
	2/14/2000	0.020	1	0.06	*ND	0.02	0.48		*ND	*ND
	5/2/2000	0.020	1	*ND	*ND	*ND	0.48		*ND	0.03
	8/1/2000	0.020	1	0.02	*ND	*ND	*ND		*ND	*ND
	10/9/2000		1	0.2	0.04	0.19	0.26	0.09	0.02	0.02
	3/19/2001		1	0.11	0.05	0.27	0.51	0.07	0.09	0.66
	5/14/2001	0.020	1	0.36	*ND	*ND	0.02	0.04	*ND	0.06
	8/6/2001	0.020	1	*ND	*ND	*ND	0.03	*ND	*ND	0.02
	10/10/2001		1	0.07	0.08	0.08	0.08	0.03	0.03	0.09
	2/11/2002		1	0.22	0.19	0.32	0.46	0.14	0.06	0.04
	5/13/2002	0.020	1	0.06	0.07	0.09	0.48	0.06	*ND	0.02
	8/13/2002	0.020	1	0.02	0.04	0.03	0.03	*ND	0.02	0.06
	10/7/2002		1	0.02	0.02	0.15	0.1	0.02	0.07	0.02
	2/10/2003		1	0.03	0.02	0.23	0.31	0.02	0.02	0.11
	5/7/2003	0.020	1	0.02	*ND	0.05	0.48	*ND	*ND	0.04
	8/12/2003	0.020	1	*ND	*ND	*ND	*ND	0.02	*ND	*ND
	10/7/2003		1	0.04	0.04	0.08	0.11	0.02	0.03	0.02
	3/16/2004	0.020	1	0.21	*ND			0.14	0.09	

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/18/2004		1			0.14				0.35
	5/18/2004		1	0.07	0.02	0.04	0.23	0.05	0.12	0.05
	8/10/2004		1	0.03	0.04	0.02		0.04	0.03	0.02
	10/6/2004	0.020	1	0.02	*ND	0.05	0.06	0.02	0.03	0.02
	3/8/2005		1	0.04	0.02	0.02	0.36	0.02	0.02	0.02
	5/24/2005		1	0.02	0.02	0.02	0.28	0.02	0.03	0.15
	8/16/2005	0.020	1	0.15	0.03	0.02	*ND	0.03	*ND	0.05
	10/11/2005	0.020	1	*ND	*ND	*ND	0.09	0.04	0.02	0.04
	2/14/2006		1	0.07	0.02	0.02	0.08	0.02	0.02	0.05
	5/9/2006	0.020	1	0.17	0.1	0.04	0.27	*ND		0.09
	8/15/2006	0.020	1	0.02	0.04	0.03	*ND	*ND	*ND	*ND
	10/9/2006	0.020	1	0.12	0.07	*ND		0.04	0.02	0.04
	2/20/2007	0.030	1	0.19	0.14	*ND	*ND	0.04	*ND	0.03
	5/15/2007	0.030	1	*ND	0.04	0.04	*ND	*ND	*ND	0.08
	8/21/2007	0.030	1	0.06	*ND	*ND	*ND	0.05	*ND	*ND
	10/24/2007	0.030	1	0.12	*ND	0.22	0.08	0.07	0.07	0.04
	2/26/2008	0.030	1	0.05	*ND	0.31	0.2	*ND	0.15	0.18
	5/20/2008	0.030	1	*ND	*ND		*ND	0.03	*ND	0.04
	8/18/2008	0.030	1	*ND	*ND	*ND	0.03	*ND	*ND	*ND
	10/20/2008	0.030	1	0.05	*ND	*ND	0.1	*ND	*ND	*ND
	3/3/2009	0.030	1	0.26	*ND	*ND	*ND	0.04	*ND	0.03
	5/12/2009	0.030	1	0.05	0.04	*ND	0.03	*ND		*ND
	7/20/2009	0.030	1	0.05	0.05	*ND	*ND	0.06	*ND	0.06
	11/3/2009		1	0.21	0.17	0.21	0.09	0.19	0.17	0.12
	3/3/2010		1	0.33	0.23	0.26	0.09	0.14	0.11	
	5/19/2010	0.030	1	0.06	0.06	0.04	*ND	0.06		
	7/27/2010	0.030	1	*ND	*ND	*ND	0.04	*ND		*ND
	10/19/2010	0.030	1	*ND	*ND	0.1	0.17	*ND	*ND	*ND
	3/8/2011	0.030	1	*ND	*ND	0.11	0.45	*ND	*ND	*ND
	5/24/2011	0.030	1	*ND	*ND	*ND	0.16	*ND	*ND	*ND
	7/26/2011	0.030	1	*ND	0.05	0.04	0.09	*ND	0.04	*ND
	10/10/2011	0.030	1	0.17	0.2	*ND	*ND	0.08	0.08	0.09
	2/2/2012	0.030	1	0.26	0.09	*ND	*ND	0.07	0.04	*ND
	5/9/2012	0.030	1	0.04	*ND	*ND	*ND	0.08	0.08	0.09
	8/7/2012	0.030	1	0.08	0.03	*ND	0.11	*ND	*ND	0.04
	10/22/2012		1	0.12	0.1	0.15	0.31	0.06	0.05	0.07
	2/11/2013		1	0.18	0.16	0.21	0.39	0.12	0.1	0.04
	5/22/2013	0.030	1	0.15	0.16	0.1	0.42	*ND	*ND	*ND
	8/19/2013	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	0.07
	2/18/2014	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	0.06

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/27/2014	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Nitrate + Nitrite (N) Dis										
	7/20/2009	0.030	1	0.053	0.052	*ND	*ND	0.058	*ND	0.057
	11/3/2009		1	0.211	0.184	0.21	0.09	0.195	0.171	0.121
	3/3/2010		1	0.318	0.225	0.259		0.136	0.102	
	5/19/2010	0.030	1	0.054	0.055	0.034	*ND	0.057		
	7/27/2010	0.030	1	*ND	*ND	*ND	0.036	*ND		*ND
	10/19/2010	0.030	1	*ND	*ND	0.104	0.167	*ND	*ND	*ND
	5/24/2011	0.030	1	*ND	*ND	*ND	0.157	*ND	*ND	*ND
	7/26/2011	0.030	1	*ND	0.048	0.04	0.097	*ND	0.037	*ND
	10/10/2011	0.030	1	0.152	0.169	*ND	*ND	0.08	0.05	0.1
	2/2/2012	0.030	1	0.257	0.09	*ND	*ND	0.074	0.041	*ND
	5/9/2012	0.030	1	0.042	*ND	*ND	*ND	0.082	0.084	0.086
	8/7/2012	0.030	1	0.033	0.032	*ND	0.054	0.032	*ND	0.042
	10/22/2012		1	0.113	0.099	0.152	0.314	0.063	0.049	0.074
	5/22/2013	0.030	1	0.144	0.161	0.105	0.428	0.033	*ND	*ND
	8/19/2013	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	0.062
	2/18/2014	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	0.062
	5/27/2014	0.030	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Nitrogen (TKN-Dissolved)										
	7/20/2009		1	1.48	1.51	1.71	1.77	1.64	1.4	1.29
	11/3/2009		1	1.41	1.3	1.22	1.67	1.16	1.26	1.4
	3/3/2010		1	1.66	1.62	1.81		1.66	1.71	
	5/19/2010		1	1.5	1.42	1.45	1.76	1.29		
	7/27/2010		1	1.32	1.3	1.48	1.85	1.38		1.26
	10/19/2010		1	1.2	1.27	1.38	1.62	1.23	1.19	1.24
	5/24/2011		1	1.21	1.21	1.34	1.52	1.22	1.15	1.15
	7/26/2011		1	1.24	1.35	1.39	1.45	1.19	1.26	1.11
	10/10/2011		1	1.44	1.34	1.45	1.61	1.33	1.32	1.27
	2/2/2012		1	1.49	1.47	1.52	1.71	1.45	1.34	1.5
	5/9/2012		1	1.34	1.29	1.63	1.8	1.38	1.35	1.34
	8/7/2012		1	1.51	1.38	1.59	1.61	1.37	1.34	1.45
	10/22/2012		1	1.44	1.88	1.56	1.73	1.36	1.36	1.52
	5/22/2013		1	1.27	1.3	1.44	1.56	1.25	1.28	1.29
	8/19/2013		1	1.32	1.39	1.46	1.59	1.37	1.37	1.43
	10/21/2013		1	1.24	1.28	1.35	1.52	1.26	1.31	1.38
	2/18/2014		1	1.49	1.39	1.58	1.72	1.54	1.59	1.91
	5/27/2014		1	1.22	1.21	1.34	1.47	1.22	1.23	1.27
Nitrogen (Total Kjeldahl)										
	5/19/1998		1	1.73	1.87		3.43			

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	7/6/1998		1	1.48	1.08	1.59	2.46	1.07	1.24	
	8/3/1998		1	1.39	1.31	1.78	3.1	1.56	1.53	
	9/8/1998		1	1.33	1.52	2.23		1.4	1.37	
	10/19/1998		1	1.5	1.46	1.78	2.77	1.15	1.12	
	2/23/1999		1	1.51	1.39	1.97	3.16	1.38	1.49	
	5/25/1999		1	1.45	1.47	1.89	2.66		1.91	1.28
	8/2/1999		1	1.32	1.16	1.47	2.28		1.24	1.03
	10/11/1999		1	1.14	1.16	1.51	2.75		1.1	1.14
	2/14/2000		1	1.43	1.35	1.96	2.83		1.44	2.28
	5/2/2000		1	1.38	1.28	1.91	2.82		1.39	1.61
	8/1/2000		1	1.69	1.5	1.99	3		1.96	2.33
	10/9/2000		1	1.41	1.38	1.98	3.76	1.49	1.5	1.62
	3/19/2001		1	1.55	1.46	1.85	2.83	1.62	1.92	1.88
	5/14/2001		1	1.34	1.43	1.93	2.44	1.43	1.49	1.5
	8/6/2001		1	2.07	1.95	2.46	3.71	1.78	2.15	2.53
	10/10/2001		1	1.47	1.44	1.8	2.68	1.51	1.56	1.44
	2/11/2002		1	1.61	1.27	2.06	3.99	1.33	1.43	1.89
	5/13/2002		1	1.32	1.3	1.71	2.36	1.47	1.51	1.46
	8/13/2002		1	1.07	1.31	1.58	2.39	1.07	1	1.17
	10/7/2002		1	1.37	1.23	1.72	2.32	1.25	1.18	1.06
	2/10/2003		1	1.54	1.63	1.9	2.88	1.62	1.75	1.97
	5/7/2003		1	1.42	1.46	1.94	2.69	1.58	1.57	1.66
	8/12/2003		1	1.56	1.53	1.95	2.97	1.44	1.75	1.37
	10/7/2003		1	1.57	1.57	1.65	2.91	1.41	1.47	1.83
	3/16/2004		1	1.39	1.4	1.55		1.32	1.53	1.63
	5/18/2004		1	1.27	1.36	1.73	2.27	1.29	1.72	1.67
	8/10/2004		1	1.77	1.57	1.95		1.67	1.7	2.03
	10/6/2004		1	1.32	1.3	1.51	2.25	1.32	1.32	1.42
	3/8/2005		1	1.58	1.42	1.7	2.2	1.7	1.65	2.11
	5/24/2005		1	1.36	1.35	1.54	1.96	1.37	1.19	1.67
	8/16/2005		1	1.14	1.44	1.58	1.84	1.33	1.27	1.64
	10/11/2005		1	1.32	1.41	1.51	2.01	1.59	1.37	1.4
	2/14/2006		1	1.56	1.53	1.57	1.9	1.48	1.67	1.85
	5/9/2006		1	1.38	1.34	1.5	1.68	1.46		1.5
	8/15/2006		1	1.41	1.56	1.4	1.72	1.58	1.66	1.64
	10/9/2006		1	1.46	1.6	1.68		1.54	1.58	1.56
	2/20/2007		1	1.74	1.44	1.86	2.06	1.59	1.81	2.01
	5/15/2007		1	1.5	1.56	1.52	1.8	1.47	1.43	1.63
	8/21/2007		1	1.69	1.31	1.46	1.82	1.45	1.43	1.76
	10/24/2007		1	1.36	1.35	1.51	2.01	1.39	1.36	1.55
	2/26/2008		1	1.56	1.4	1.64	1.82	1.56	1.81	1.98

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/20/2008		1	1.48	1.53		1.85	3.28	1.5	1.68
	8/18/2008		1	1.54	1.49	1.69	1.77	1.56	1.86	1.53
	10/20/2008		1	1.96	1.72	1.84	1.87	2.2	1.99	2
	3/3/2009		1	1.7	1.54	1.69	1.8	1.59	1.73	1.97
	5/12/2009		1	1.29	1.46	1.55	1.66	1.4		1.21
	7/20/2009		1	1.54	1.64	1.77	1.75	1.6	1.7	1.51
	11/3/2009		1	1.41	1.31	1.22	1.67	1.16	1.26	1.4
	3/3/2010		1	1.66	1.56	1.74	1.91	1.63	1.7	
	5/19/2010		1	1.41	1.41	1.42	1.6	1.29		
	7/27/2010		1	1.34	1.39	1.58	1.87	1.4		1.34
	10/19/2010		1	1.23	1.29	1.37	1.59	1.37	1.17	1.41
	3/8/2011		1	1.42	1.3	1.53	1.59	1.35	1.4	1.56
	5/24/2011		1	1.35	1.34	1.57	1.62	1.32	1.28	1.22
	7/26/2011		1	1.33	1.38	1.38	1.56	1.35	1.36	1.22
	10/10/2011		1	1.53	1.33	1.47	1.65	1.33	1.33	1.28
	2/2/2012		1	1.5	1.5	1.64	1.8	1.52	1.51	1.62
	5/9/2012		1	1.34	1.31	1.46	1.67	1.33	1.4	1.48
	8/7/2012		1	1.52	1.42	1.62	1.89	1.65	1.42	1.61
	10/22/2012		1	1.41	1.36	1.57	1.7	1.39	1.43	1.63
	2/11/2013		1	1.55	1.44	1.51	1.84	1.57	1.56	1.88
	5/22/2013		1	1.27	1.33	1.42	1.51	1.3	1.26	1.27
	8/19/2013		1	1.38	1.35	1.44	1.55	1.38	1.41	1.4
	10/21/2013		1	1.24	1.25	1.34	1.47	1.26	1.3	1.37
	2/18/2014		1	1.52	1.43	1.53	1.77	1.6	1.54	1.89
	5/27/2014		1	1.27	1.2	1.26	1.42	1.18	1.19	1.31
Nitrogen (Total)										
	5/19/1998		1	1.83	1.95		4			
	7/6/1998		1	1.5	1.1	1.61	2.83	1.11	1.32	
	8/3/1998		1	1.42	1.33	1.8	3.12	1.59	1.55	
	9/8/1998		1	1.35	1.54	2.25		1.44	1.4	
	10/19/1998		1	1.52	1.53	1.8	2.98	1.21	1.14	
	2/23/1999		1	1.81	1.59	2.1	3.62	1.43	1.51	
	5/25/1999		1	1.67	1.6	1.94	3.14		2.02	1.5
	8/2/1999		1	1.34	1.18	1.49	2.3		1.26	1.05
	10/11/1999		1	1.23	1.18	1.53	2.87		1.12	1.4
	2/14/2000		1	1.49	1.37	1.98	3.31		1.46	2.3
	5/2/2000		1	1.4	1.3	1.93	3.3		1.41	1.64
	8/1/2000		1	1.71	1.52	2.01	3.02		1.98	2.35
	10/9/2000		1	1.61	1.42	2.17	4.02	1.58	1.52	1.64
	3/19/2001		1	1.66	1.51	2.12	3.34	1.69	2.01	2.54
	5/14/2001		1	1.7	1.45	1.95	2.46	1.47	1.51	1.56

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/6/2001		1	2.09	1.97	2.48	3.74	1.8	2.17	2.55
	10/10/2001		1	1.54	1.52	1.88	2.76	1.54	1.59	1.53
	2/11/2002		1	1.83	1.46	2.38	4.45	1.47	1.49	1.93
	5/13/2002		1	1.38	1.37	1.8	2.84	1.53	1.53	1.48
	8/13/2002		1	1.09	1.35	1.61	2.42	1.09	1.02	1.23
	10/7/2002		1	1.39	1.25	1.87	2.42	1.27	1.25	1.08
	2/10/2003		1	1.57	1.65	2.13	3.19	1.64	1.77	2.08
	5/7/2003		1	1.44	1.48	1.99	3.17	1.6	1.59	1.7
	8/12/2003		1	1.58	1.55	1.97	2.99	1.46	1.77	1.39
	10/7/2003		1	1.61	1.61	1.73	3.02	1.43	1.5	1.85
	3/16/2004		1	1.6	1.42	1.69		1.46	1.62	1.98
	5/18/2004		1	1.34	1.38	1.77	2.5	1.34	1.84	1.72
	8/10/2004		1	1.8	1.61	1.97		1.71	1.73	2.05
	10/6/2004		1	1.34	1.32	1.56	2.31	1.34	1.35	1.44
	3/8/2005		1	1.62	1.44	1.72	2.56	1.72	1.67	2.13
	5/24/2005		1	1.38	1.37	1.56	2.24	1.39	1.22	1.82
	8/16/2005		1	1.29	1.47	1.6	1.86	1.36	1.29	1.69
	10/11/2005		1	1.34	1.43	1.53	2.1	1.63	1.39	1.44
	2/14/2006		1	1.63	1.55	1.59	1.98	1.5	1.69	1.9
	5/9/2006		1	1.55	1.44	1.54	1.95	1.48		1.59
	8/15/2006		1	1.43	1.6	1.43	1.74	1.6	1.68	1.66
	10/9/2006		1	1.58	1.67	1.7		1.58	1.6	1.6
	2/20/2007		1	1.93	1.58	1.89	2.09	1.63	1.84	2.04
	5/15/2007		1	1.53	1.6	1.56	1.83	1.5	1.46	1.71
	8/21/2007		1	1.75	1.34	1.49	1.85	1.5	1.46	1.79
	10/24/2007		1	1.48	1.38	1.73	2.09	1.46	1.43	1.59
	2/26/2008		1	1.61	1.43	1.95	2.02	1.59	1.96	2.16
	5/20/2008		1	1.51	1.56		1.88	3.34	1.53	1.72
	8/18/2008		1	1.57	1.52	1.72	1.8	1.59	1.89	1.56
	10/20/2008		1	2.01	1.75	1.87	1.97	2.23	2.02	2.03
	3/3/2009		1	1.96	1.57	1.72	1.83	1.63	1.76	2
	5/12/2009		1	1.34	1.5	1.58	1.69	1.43		1.24
	7/20/2009		1	1.59	1.69	1.8	1.78	1.66	1.73	1.57
	11/3/2009		1	1.62	1.48	1.43	1.76	1.35	1.43	1.52
	3/3/2010		1	1.99	1.79	2	2	1.77	1.81	
	5/19/2010		1	1.47	1.47	1.46	1.63	1.35		
	7/27/2010		1	1.37	1.42	1.61	1.91	1.43		1.37
	10/19/2010		1	1.26	1.32	1.47	1.76	1.4	1.2	1.44
	3/8/2011		1	1.45	1.33	1.64	2.04	1.38	1.43	1.59
	5/24/2011		1	1.38	1.37	1.6	1.78	1.35	1.31	1.25
	7/26/2011		1	1.36	1.43	1.42	1.65	1.38	1.4	1.25

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/10/2011		1	1.7	1.53	1.5	1.68	1.41	1.41	1.37
	2/2/2012		1	1.76	1.59	1.67	1.83	1.59	1.55	1.65
	5/9/2012		1	1.38	1.34	1.49	1.7	1.41	1.48	1.57
	8/7/2012		1	1.6	1.45	1.65	2	1.68	1.45	1.65
	10/22/2012		1	1.53	1.46	1.72	2.01	1.45	1.48	1.7
	2/11/2013		1	1.73	1.6	1.72	2.23	1.69	1.66	1.92
	5/22/2013		1	1.42	1.49	1.52	1.93	1.33	1.29	1.3
	8/19/2013		1	1.41	1.38	1.47	1.58	1.41	1.44	1.43
	10/21/2013		1	1.27	1.28	1.37	1.5	1.29	1.33	1.44
	2/18/2014		1	1.55	1.46	1.56	1.8	1.63	1.57	1.95
	5/27/2014		1	1.3	1.23	1.29	1.45	1.21	1.22	1.34
Nitrogen (Total-Dis)										
	7/20/2009		1	1.53	1.56	1.74	1.8	1.7	1.43	1.35
	11/3/2009		1	1.62	1.48	1.43	1.76	1.35	1.43	1.52
	3/3/2010		1	1.98	1.84	2.07		1.8	1.81	
	5/19/2010		1	1.55	1.48	1.48	1.79	1.35		
	7/27/2010		1	1.35	1.33	1.51	1.89	1.41		1.29
	10/19/2010		1	1.23	1.3	1.48	1.79	1.26	1.22	1.27
	5/24/2011		1	1.24	1.24	1.37	1.68	1.25	1.18	1.18
	7/26/2011		1	1.27	1.4	1.43	1.55	1.22	1.3	1.14
	10/10/2011		1	1.59	1.51	1.48	1.64	1.41	1.37	1.37
	2/2/2012		1	1.75	1.56	1.55	1.74	1.52	1.38	1.53
	5/9/2012		1	1.38	1.32	1.66	1.83	1.46	1.43	1.43
	8/7/2012		1	1.54	1.41	1.62	1.66	1.4	1.37	1.49
	10/22/2012		1	1.55	1.98	1.71	2.04	1.42	1.41	1.59
	5/22/2013		1	1.41	1.46	1.54	1.99	1.28	1.31	1.32
	8/19/2013		1	1.35	1.42	1.49	1.62	1.4	1.4	1.46
	10/21/2013		1	1.27	1.31	1.38	1.55	1.29	1.34	1.44
	2/18/2014		1	1.52	1.42	1.61	1.75	1.57	1.62	1.97
	5/27/2014		1	1.25	1.24	1.37	1.5	1.25	1.26	1.3
Percent Difference										
	3/15/1995		1	2.54	3.96	-7.83	-2.41	-0.63		
	5/15/1995		1	-0.51	-2.9	-0.14	4.6	1.2		
	7/25/1995		1	-7.8	-2.23	-7.92	0.76	-3.16		
	10/3/1995		1	-3.66	2.59	5.7	3.08	-2.72		
	3/25/1996		1	-7.99	3.83	-6.53		-0.89		
	5/20/1996		1	-2.1	0.65	0.75	0.21	-2.87		
	7/1/1996		1	-3.15	-4.69	-5.9	-4.33	-1.04		
	8/5/1996		1	-0.74	-0.26	-3.17	-2.56	1.49		
	9/3/1996		1	-6.41	4.63	1.82	-5.44	-3.87		
	9/30/1996		1	3.05	0.54	-0.37	-2.38	-1.54		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/4/1997		1	6.09	-4.74	3.95	-3.59	-6.1		
	5/14/1997		1	-0.65	-2.85	-5.12	-3.06	0.38		
	7/8/1997		1	-4.12	-6.37	-2.76		-4.48		
	7/16/1997		1				-5.03			
	8/4/1997		1	1.5	3.22	1.38	0.81	1.41	2.26	
	9/2/1997		1	-5.9	-3.68	-6.79	-2.61	-6.03	-4.47	
	10/6/1997		1	-3.11	-3.78	-4.83		-3.46	-3.27	
	5/19/1998		1	-2.06	-3.56	-0.95	-0.37	-4.42	-1.28	
	7/6/1998		1	-3.28	-1.97	-1.24	3.36	-3.8	-3.23	
	8/3/1998		1	-5.69	-2.31	-6.2	1.82	-5.21	-5.64	
	9/8/1998		1	-2.69	0.41	-4.48		1.33	-3.98	
	10/19/1998		1	-6.58	-1.59	-5.97	-0.69	-4.24	-4.14	
	2/23/1999		1	-5.55	-7.53	-1.83	1.38	1.09	0.24	
	5/25/1999		1	-2.41	-0.82	-4.22	0.46		-1.73	-3.23
	8/2/1999		1	-1.75	-1.33	-1.71	2.3		0.67	0.35
	10/11/1999		1	-0.31	-1.05	-2.16	0.72		-0.57	0.28
	2/14/2000		1	0.52	0.99	-0.79	2.59		0.84	1.54
	5/2/2000		1	-2.38	-2	-3.8	-3.39		-1.98	-2.91
	8/1/2000		1	1.35	-1.4	-1.53	-1.71		-0.69	-3.53
	10/9/2000		1	-1.36	3.17	1.8	0.42	1.27	0.57	2.8
	3/19/2001		1	1.97	2.66	4.06	4.58	1.99	2.24	-0.42
	5/14/2001		1	-1.39	-3.18	-4.12	-3.75	-1.45	-1.73	-0.58
	8/6/2001		1	-2.2	-2.5	-2.31	-0.71	-1.4	-3.38	-2.07
	10/10/2001		1	0.97	1.01	-0.3	1.06	0.91	0.84	1.54
	2/11/2002		1	0.93	-1.63	0.73	-3.25	-1.55	-1.47	0.98
	5/13/2002		1	4.05	3.17	-0.86	5.93	0.95	5.36	6.15
	8/13/2002		1	-7.17	-1.45	-5.5	-2.07	2.29	2.13	-7.1
	10/7/2002		1	-7.14	-3.1	-3.14	-4.12	4.5	2.9	-2.27
	2/10/2003		1	-4.22	-2.45	-2.9	-4.02	-1.84	-3.21	-1.63
	5/7/2003		1	1.75	1.62	0.2	-2.61	-3.33	1.67	2.2
	8/12/2003		1	-0.32	-1.23	0.43	-1.59	-0.57	-0.87	1.48
	10/7/2003		1	-1.94	-0.02	0	-7.66	-1.71	-0.39	-3.83
	3/16/2004		1	-0.44	-0.71	4.07		0.09	-1.2	0.27
	5/18/2004		1	-1.56	-1.2	0.44	0.57	-1.11	0.18	-1.76
	8/10/2004		1	-3.94	4.35	-3.48		-1.01	-2.99	-1.28
	10/6/2004		1	1.01	-1.3	-3.15	-0.28	-1.33	0.37	-0.06
	3/8/2005		1	-0.36	1.29	1.82	-1.16	0.05	0.2	-0.7
	5/24/2005		1	-2.07	-1.93	-3.23	-1.6	-1.72	-3.88	-2.31
	8/16/2005		1	-1.4	-2.33	-2.76	-2.15	-0.67	-1.27	-0.91
	10/11/2005		1	0.22	-2.2	-1.75	-3.46	0.12	-1.05	-1.01
	2/14/2006		1	2.53	3.6	3.42	0.36	3.01	1.04	3.03

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/9/2006		1	-0.74	-0.9	0.07	-1.49	-2.45		-1.27
	8/15/2006		1	2.11	1.55	1.43	2.24	2.22	1.29	1.19
	10/9/2006		1	-2.01	-4.97	-6.21		1.43	-5.19	-3.61
	2/20/2007		1	-0.68	-2.19	-3.93	-0.97	-2.56	-1.37	-0.88
	5/15/2007		1	2.37	1.96	0.9	1.59	-1.53	1.69	2.5
	8/21/2007		1	-0.25	1.19	0.31	3.27	1.08	4.58	2.37
	10/24/2007		1	4.58	6.61	6.23	5.65	5.57	4.05	3.69
	2/26/2008		1	5.6	7.72	4.21	4.54	3.8	5.27	4.89
	5/20/2008		1	-2.03	-0.43		-0.53	-0.14	0.32	-1.47
	8/18/2008		1	-0.97	-3.09	-4.49	-4.24	3.16	1.59	2.82
	10/20/2008		1	5.81	3.6	6.07	5.16	4.32	3.61	4.37
	3/3/2009		1	0.15	-0.48	0.3	-1.17	2.03	-0.33	2.41
	5/12/2009		1	-2.27	-3.46	-3.49	-2.96	-3.48		-2.7
	7/20/2009		1	4.22	4.48	5.84	3.85	-3.16	1.27	0.02
	11/3/2009		1	3.9	3.54	2.9	4.92	3.24	3.69	4.04
	3/3/2010		1	6.36	3.24	4.5	4.6	1.17	7.32	
	5/19/2010		1	1.57	1.14	1.23	-1.82	3.12		
	7/27/2010		1	1.57	-1.87	-1.46	-3.16	0.69		3.6
	10/19/2010		1	1.46	1.85	3.32	1.97	2.2	3.53	1.93
	3/8/2011		1	3.74	4.52	4.14	4.74	4.06	4.19	4.24
	5/24/2011		1	5.28	3.23	4.43	2.8	4.93	3.04	3.52
	7/26/2011		1	1.48	2.83	1.16	2.73	1.67	2.41	2.11
	10/10/2011		1	0.35	-1.24	-1.88	0.56	-0.77	1.22	1.48
	2/2/2012		1	2.47	3.07	3.51	3.48	2.43	2.85	3.95
	5/9/2012		1	-1.88	-5.46	-2.14	-5.6	-4.26	-3.07	-7.11
	8/7/2012		1	0.86	-1.3	0.27	0.13	1.17	-0.27	0.37
	10/22/2012		1	1.73	2.55	1.86	3.03	2.54	1.95	2.46
	2/11/2013		1	4.02	-2.99	6.6	3.34	-2.86	7.82	2.08
	5/22/2013		1	4.05	3.84	0.76	4.05	2.15	4.39	3.23
	8/19/2013		1	1.86	0.06	0.84	0.71	1.28	1.15	2.13
	10/21/2013		1	1.09	0.66	1.17	0.73	0.64	-0.03	0.73
	2/18/2014		1	-0.22	-3.83	-0.43	-0.86	0.46	1.39	-1.12
	5/27/2014		1	2.73	1.73	2.91	1.65	1.85	1.35	2.12
Percent Sodium										
	3/15/1995		1	54.8	56.5	60	67.5	46.4		
	5/15/1995		1	51.3	56.3	62.1	67.5	48.2		
	7/25/1995		1	54.8	55.2	62	67.2	46.8		
	10/3/1995		1	54	54.2	63.3	68.6	47.1		
	3/25/1996		1	51.7	54.3	55.3		49.2		
	5/20/1996		1	51.6	55.5	61.6	67.7	51		
	7/1/1996		1	51.1	54.5	61.5	67.6	49.8		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/5/1996		1	53.1	54.8	61.4	67.5	49.2		
	9/3/1996		1	53.4	54.5	61.5	67.4	48.7		
	9/30/1996		1	53.3	54.6	61.4	66.7	48.8		
	3/4/1997		1	53.7	53.6	57.1	67.1	49.5		
	5/14/1997		1	47.4	54.1	60.9	68	49		
	7/8/1997		1	51.5	52.8	58.7		46.8		
	7/16/1997		1				66.9			
	8/4/1997		1	51.8	52.8	59.2	66.8	47.6	44.8	
	9/2/1997		1	50.8	52.5	58.5	67.4	47.1	44.7	
	10/6/1997		1	51.4	52.8	58.4		47.6	45.8	
	5/19/1998		1	51.8	53.4	59	67.3	49.1	47.5	
	7/6/1998		1	50.8	51.9	58.2	66.3	48.3	47.3	
	8/3/1998		1	51.6	52.1	58.6	65.8	48.8	47.3	
	9/8/1998		1	51.2	51.9	59.1		48.8	47.1	
	10/19/1998		1	51.5	52.2	58.5	65.2	48.2	47.7	
	2/23/1999		1	50.3	51.2	58.7	65.6	49.3	48	
	5/25/1999		1	48.3	50.5	57.5	65.2		46	25.3
	8/2/1999		1	50	49.8	57.5	65.1		46.4	28.3
	10/11/1999		1	49.9	50.3	57.8	64.8		47.1	22.4
	2/14/2000		1	49.6	50.2	57.4	64.4		47.1	24.9
	5/2/2000		1	50.5	51.6	58.7	64.3		48.1	39.6
	8/1/2000		1	51.2	51.1	58.6	64.6		49	42.1
	10/9/2000		1	50.8	51.2	57.9	63.6	49.1	49.1	42.6
	3/19/2001		1	51.4	51.7	55.8	66.1	50.4	49.6	31.4
	5/14/2001		1	47.2	50.9	58	65.9	49.7	48.9	33.4
	8/6/2001		1	50.5	50.8	57.8	64.4	49.7	48.8	39.2
	10/10/2001		1	51	51.3	57.9	64.4	49.4	49.4	40.5
	2/11/2002		1	50.6	51.2	57.9	64.1	50.4	49.7	39.9
	5/13/2002		1	50.9	51.1	57.9	63.6	49.6	49	42.7
	8/13/2002		1	50.3	51.5	57.8	64	49.6	49.4	44.7
	10/7/2002		1	51.1	51.2	57.5	63.4	49.5	49.9	31.4
	2/10/2003		1	50.4	51.5	57.4	62.4	51.7	49.9	45.5
	5/7/2003		1	50.5	51.2	57.1	63.6	49.9	49.7	44.3
	8/12/2003		1	51.9	51.9	57.6	64.6	50.7	50.5	46.6
	10/7/2003		1	52	51.9	57.4	63.9	51.2	51	47.1
	3/16/2004		1	51.7	52.6	57		52	51.8	48.1
	5/18/2004		1	50.6	52.2	57.2	63.5	50.9	50.8	42.1
	8/10/2004		1	51.8	52	57.4		51.2	50.8	43
	10/6/2004		1	51.7	52.1	57.3	63.5	50.6	50.5	44.1
	3/8/2005		1	51.4	52.5	55.4	62.7	50.7	50.6	44.7
	5/24/2005		1	51.1	51.7	56.7	62.3	50.3	50.2	43.8

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/16/2005		1	49.5	51	56.7	61.6	49.5	49.7	41.6
	10/11/2005		1	48.8	50.3	55.1	58.8	48.3	48	40.5
	2/14/2006		1	48.2	50.5	54.1	57.3	50.9	48.7	41.9
	5/9/2006		1	48.4	49.1	54.3	58.5	48.1		34.2
	8/15/2006		1	51	50.6	55.2	58.9	49.2	49.2	40.3
	10/9/2006		1	57.4	50.5	53.5		52	48.6	43.1
	2/20/2007		1	48.8	49.1	53.1	57.3	47.9	47.7	41.1
	5/15/2007		1	50.4	50.7	56	59.1	49.9	52.6	43.9
	8/21/2007		1	50.8	51.2	56.1	59.9	50.7	51.3	45.4
	10/24/2007		1	51.3	52.2	57.6	61.3	51.1	49.5	45.8
	2/26/2008		1	51.3	51.8	56	59.3	51.2	50.5	46.5
	5/20/2008		1	47.3	48.1		56.7	101.2	47.1	43.2
	8/18/2008		1	49.7	49.9	53.4	56.2	51.6	51.7	50
	10/20/2008		1	50.6	51.2	54	56.6	50.2	50.2	48.9
	3/3/2009		1	49	51.1	54.8	57.5	50.4	50.1	49.4
	5/12/2009		1	49.4	50.9	55.3	57.6	50.1		39.3
	7/20/2009		1	50.9	50.6	53.1	59.1	48.7	49.8	42.4
	11/3/2009		1	50.1	49.4	54.3	55.9	49.6	49.1	42.1
	3/3/2010		1	47.9	49.1	53.5	56.1	48.5	48.2	
	5/19/2010		1	49.5	50	54.3	56.7	48.6		
	7/27/2010		1	48.1	49.1	53.6	55.7	48.1		41.4
	10/19/2010		1	47.5	48.6	53.1	55.2	47.5	47.4	41.5
	3/8/2011		1	48.1	49.6	53	55.5	49.1	49.3	43.3
	5/24/2011		1	45.9	46.2	51.8	52.8	44.8	43.9	33.5
	7/26/2011		1	47.3	47.7	52.6	54.1	46.8	45.4	36.8
	10/10/2011		1	45.7	45.5	50.4	52.5	44.2	44.4	38
	2/2/2012		1	46.1	48.1	52	54.1	46.1	46.2	41.1
	5/9/2012		1	48.5	48.6	52.7	54.8	47.4	47	42.5
	8/7/2012		1	48.6	48.5	52.7	54.5	47.1	46.9	43.9
	10/22/2012		1	48.4	49	52.9	55	47.1	47.7	44.7
	2/11/2013		1	48.8	48.1	49.2	58.2	47.1	44.7	48.5
	5/22/2013		1	48	48.6	53.1	55.4	47.7	46.4	41.2
	8/19/2013		1	47.9	47.7	52.5	54.8	47.2	47.2	40
	10/21/2013		1	48.2	48.9	52.8	55.9	47.6	47.7	41.5
	2/18/2014		1	46.7	47.9	51.8	55.1	46.9	52.8	41.1
	5/27/2014		1	47.8	48	52	54.3	45.5	46.7	41.5
pH										
	3/15/1995		1	8.52	8.32	8.49	8.68	7.69		
	5/15/1995		1	8.77	8.44	8.63	8.75	8.23		
	7/25/1995		1	8.65	8.76	8.78	8.84	8.65		
	10/3/1995		1	8.52	8.62	8.7	8.72	8.34		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/25/1996		1	8.51	8.52	8.58		7.98		
	5/20/1996		1	8.75	8.56	8.78	8.85	8.54		
	7/1/1996		1	8.65	8.71	8.74	8.78	8.63		
	8/5/1996		1	8.89	8.78	8.88	8.89	8.69		
	9/3/1996		1	8.98	8.89	8.95	8.87	8.89		
	9/30/1996		1	8.52	8.64	8.89	8.77	8.79		
	3/4/1997		1	8.32	8.49	8.52	8.68	8.47		
	5/14/1997		1	8.32	8.39	8.69	8.64	8.64		
	7/8/1997		1	8.51	8.6	8.79		8.41		
	7/16/1997		1				8.89			
	8/4/1997		1	8.77	8.84	8.88	8.95	8.86	9.12	
	9/2/1997		1	8.71	8.74	8.9	8.85	8.5	8.71	
	10/6/1997		1	8.53	8.61	8.83		8.46	8.5	
	5/19/1998		1	8.53	8.47	8.66	8.64	8.39	8.46	
	7/6/1998		1	8.68	8.65	8.8	8.65	8.56	8.48	
	8/3/1998		1	8.64	8.71	8.82	8.93	8.62	8.61	
	9/8/1998		1	8.73	8.72	8.83		8.58	8.65	
	10/19/1998		1	8.55	8.64	8.88	8.73	8.56	8.61	
	2/23/1999		1	8.36	8.45	8.7	8.63	8.41	8.46	
	5/25/1999		1	8.17	8.51	8.64	8.63		8.46	7.74
	8/2/1999		1	8.69	8.84	8.83	8.89		8.77	8.56
	10/11/1999		1	8.66	8.75	8.94	8.7		8.8	8.27
	2/14/2000		1	8.49	8.58	8.71	8.46		8.59	8
	5/2/2000		1	8.59	8.67	8.76	8.63		8.7	8.45
	8/1/2000		1	8.89	8.82	8.86	8.92		8.87	8.82
	10/9/2000		1	8.52	8.72	8.64	8.71	8.58	8.63	8.54
	3/19/2001		1	8.47	8.53	8.51	8.53	8.44	8.31	7.29
	5/14/2001		1	8.67	8.62	8.69	8.79	8.48	8.5	8.31
	8/6/2001		1	8.86	8.75	8.9	8.86	8.72	8.87	8.92
	10/10/2001		1	8.66	8.66	8.77	8.76	8.66	8.69	8.52
	2/11/2002		1	8.54	8.54	8.62	8.6	8.53	8.54	8.35
	5/13/2002		1	8.42	8.41	8.62	8.62	8.31	8.47	8.52
	8/13/2002		1	8.81	8.72	8.81	8.83	8.79	8.74	8.54
	10/7/2002		1	8.7	8.74	8.61	8.68	8.63	8.55	8.58
	2/10/2003		1	8.63	8.7	8.53	8.54	8.68	8.54	8.16
	5/7/2003		1	8.72	8.72	8.68	8.66	8.58	8.6	8.53
	8/12/2003		1	8.91	8.8	8.94	8.98	8.76	8.82	8.77
	10/7/2003		1	8.88	8.88	8.86	8.79	8.78	8.78	8.86
	3/16/2004		1	8.62	8.74	8.65		8.6	8.52	8.3
	5/18/2004		1	8.75	8.73	8.68	8.64	8.59	8.6	8.51
	8/10/2004		1	8.73	8.7	8.81		8.74	8.8	8.88

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/6/2004		1	8.78	8.83	8.82	8.82	8.77	8.72	8.66
	3/8/2005		1	8.56	8.64	8.66	8.59	8.53	8.54	8.47
	5/24/2005		1	8.73	8.72	8.75	8.67	8.73	8.53	8.51
	8/16/2005		1	8.8	8.79	8.87	8.88	8.74	8.85	8.91
	10/11/2005		1	8.82	8.83	8.79	8.76	8.64	8.69	8.53
	2/14/2006		1	8.54	8.74	8.75	8.73	8.7	8.63	8.42
	5/9/2006		1	8.52	8.54	8.58	8.58	8.57		8.34
	8/15/2006		1	8.76	8.66	8.78	8.87	8.76	8.87	8.99
	10/9/2006		1	8.66	8.66	8.79		8.72	8.77	8.61
	2/20/2007		1	8.43	8.51	8.68	8.79	8.58	8.63	8.27
	5/15/2007		1	8.57	8.57	8.7	8.76	8.62	8.74	8.46
	8/21/2007		1	8.66	8.69	8.76	8.74	8.59	8.72	8.66
	10/24/2007		1	8.59	8.72	8.64	8.75	8.59	8.61	8.6
	2/26/2008		1	8.6	8.68	8.53	8.64	8.67	8.42	8.3
	5/20/2008		1	8.38	8.43		8.7	16.84	8.29	8.06
	8/18/2008		1	8.85	8.84	8.87	8.86	8.85	8.87	8.86
	10/20/2008		1	8.78	8.84	8.84	8.86	8.83	8.85	8.69
	3/3/2009		1	8.47	8.72	8.76	8.79	8.68	8.64	8.48
	5/12/2009		1	8.66	8.66	8.72	8.74	8.65		8.52
	7/20/2009		1	8.62	8.62	8.78	8.78	8.66	8.68	8.75
	11/3/2009		1	8.5	8.54	8.54	8.74	8.5	8.53	8.51
	3/3/2010		1	7.99	8.46	8.45	8.53	8.42	8.41	
	5/19/2010		1	8.46	8.42	8.51	8.58	8.37		
	7/27/2010		1	8.68	8.68	8.68	8.7	8.64		8.46
	10/19/2010		1	8.68	8.8	8.64	8.64	8.8	8.78	8.52
	3/8/2011		1	8.61	8.66	8.59	8.55	8.63	8.64	8.26
	5/24/2011		1	8.59	8.62	8.6	8.58	8.54	8.53	8.59
	7/26/2011		1	8.74	8.67	8.71	8.73	8.67	8.65	8.78
	10/10/2011		1	8.6	8.65	8.81	8.81	8.55	8.56	8.52
	2/2/2012		1	8.44	8.58	8.67	8.68	8.46	8.48	8.46
	5/9/2012		1	8.49	8.49	8.6	8.66	8.39	8.4	8.41
	8/7/2012		1	8.43	8.59	8.76	8.74	8.67	8.78	8.66
	10/22/2012		1	8.59	8.6	8.6	8.6	8.6	8.61	8.57
	2/11/2013		1	8.49	8.5	8.51	8.53	8.5	8.51	8.44
	5/22/2013		1	8.42	8.42	8.48	8.46	8.42	8.41	8.37
	8/19/2013		1	8.82	8.78	8.79	8.87	8.88	8.82	8.98
	10/21/2013		1	8.67	8.7	8.7	8.77	8.67	8.64	8.53
	2/18/2014		1	8.74	8.8	8.74	8.74	8.72	8.7	8.48
	5/27/2014		1	8.66	8.71	8.68	8.68	8.62	8.61	8.51
Phosphorus (Total) (P)										
	3/15/1995		1	0.136	0.225	0.253	0.2	0.306		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/15/1995		1	0.125	0.178	0.191	0.176	0.101		
	7/25/1995		1	0.298	0.232	0.269	0.148	0.215		
	10/3/1995		1	0.216	0.226	0.297	0.213	0.169		
	3/25/1996		1	0.19	0.151	0.172		0.269		
	5/20/1996		1	0.174	0.195	0.243	0.181	0.176		
	7/1/1996		1	0.27	0.217	0.298	0.216	0.239		
	8/5/1996		1	0.266	0.257	0.286	0.214	0.27		
	9/3/1996		1	0.247	0.262	0.34	0.232	0.281		
	9/30/1996		1	0.296	0.268	0.29	0.351	0.164		
	3/4/1997		1	0.303	0.244	0.32	0.276	0.158		
	5/14/1997		1	0.286	0.281	0.257	0.284	0.228		
	7/8/1997		1	0.315	0.303	0.309		0.253		
	7/16/1997		1				0.223			
	8/4/1997		1	0.315	0.223	0.219	0.186	0.381	0.269	
	9/2/1997		1	0.354	0.332	0.277	0.255	0.314	0.262	
	10/6/1997		1	0.31	0.312	0.281		0.248	0.191	
	5/19/1998		1	0.926	0.948		0.266			
	7/6/1998		1	0.417	0.359	0.276	0.361	0.449	0.404	
	8/3/1998		1	0.824	0.717	0.265	0.326	0.77	0.851	
	9/8/1998		1	0.412	0.352	0.459		0.482	0.485	
	10/19/1998		1	0.409	0.368	0.292	0.325	0.39	0.278	
	2/23/1999		1	0.398	0.488	0.318	0.336	0.316	0.298	
	5/25/1999		1	0.442	0.475	0.278	0.537		0.492	0.261
	8/2/1999		1	0.355	0.296	0.289	0.283		0.315	0.374
	10/11/1999		1	0.234	0.212	0.186	0.259		0.178	0.189
	2/14/2000		1	0.186	0.182	0.151	0.34		0.162	0.195
	5/2/2000		1	0.219	0.2	0.209	0.42		0.221	0.242
	8/1/2000		1	0.239	0.277	0.226	0.31		0.298	0.54
	10/9/2000		1	0.278	0.241	0.226	0.365	0.255	0.242	0.29
	3/19/2001		1	0.214	0.176	0.22	0.344	0.205	0.236	0.397
	5/14/2001		1	0.261	0.21	0.233	0.231	0.253	0.238	0.282
	8/6/2001		1	0.318	0.323	0.267	0.705	0.36	0.346	0.45
	10/10/2001		1	0.318	0.311	0.248	0.335	0.336	0.328	0.07
	2/11/2002		1	0.248	0.236	0.2	0.304	0.236	0.231	0.024
	5/13/2002		1	0.247	0.245	0.234	0.324	0.276	0.261	0.114
	8/13/2002		1	0.3	0.309	0.254	0.298	0.307	0.273	0.308
	10/7/2002		1	0.254	0.27	0.248	0.284	0.264	0.27	0.094
	2/10/2003		1	0.224	0.235	0.272	0.397	0.243	0.248	0.318
	5/7/2003		1	0.212	0.248	0.247	0.343	0.253	0.251	0.238
	8/12/2003		1	0.307	0.311	0.27	0.203	0.333	0.358	0.364
	10/7/2003		1	0.273	0.281	0.23	0.223	0.19	0.207	0.25

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	3/16/2004		1	0.234	0.206	0.221		0.212	0.209	0.312
	5/18/2004		1	0.236	0.236	0.235	0.182	0.217	0.228	0.267
	8/10/2004		1	0.296	0.309	0.291		0.309	0.288	0.324
	10/6/2004		1	0.275	0.292	0.255	0.293	0.268	0.281	0.187
	3/8/2005		1	0.265	0.28	0.273	0.323	0.269	0.254	0.2
	5/24/2005		1	0.21	0.217	0.211	0.279	0.192	0.203	0.187
	8/16/2005		1	0.335	0.333	0.257	0.272	0.313	0.31	0.273
	10/11/2005		1	0.246	0.257	0.223	0.249	0.313	0.288	0.181
	2/14/2006		1	0.272	0.247	0.224	0.224	0.226	0.256	0.193
	5/9/2006		1	0.286	0.277	0.228	0.254	0.243		0.269
	8/15/2006		1	0.335	0.336	0.259	0.247	0.299	0.302	0.315
	10/9/2006		1	0.283	0.31	0.246		0.27	0.264	0.172
	2/20/2007		1	0.248	0.237	0.166	0.177	0.204	0.178	0.125
	5/15/2007		1	0.222	0.225	0.19	0.186	0.212	0.169	0.234
	8/21/2007		1	0.305	0.269	0.203	0.242	0.203	0.179	0.341
	10/24/2007		1	0.247	0.231	0.233	0.242	0.18	0.177	0.218
	2/26/2008		1	0.214	0.164	0.256	0.236	0.185	0.216	0.238
	5/20/2008		1	0.217	0.206		0.212	0.427	0.192	0.231
	8/18/2008		1	0.258	0.249	0.214	0.216	0.231	0.216	0.188
	10/20/2008		1	0.236	0.235	0.2	0.199	0.175	0.188	0.126
	3/3/2009		1	0.237	0.181	0.158	0.129	0.184	0.114	0.1
	5/12/2009		1	0.218	0.193	0.173	0.155	0.142		0.185
	7/20/2009		1	0.28	0.244	0.169	0.161	0.197	0.197	0.225
	11/3/2009		1	0.272	0.264	0.188	0.157	0.175	0.166	0.154
	3/3/2010		1	0.275	0.259	0.224	0.174	0.212	0.2	
	5/19/2010		1	0.206	0.214	0.178	0.17	0.17		
	7/27/2010		1	0.246	0.22	0.224	0.216	0.248		0.2
	10/19/2010		1	0.216	0.212	0.236	0.238	0.168	0.142	0.166
	3/8/2011		1	0.18	0.172	0.22	0.264	0.142	0.136	0.152
	5/24/2011		1	0.227	0.223	0.258	0.269	0.212	0.207	0.193
	7/26/2011		1	0.241	0.238	0.248	0.257	0.246	0.23	0.3
	10/10/2011		1	0.278	0.265	0.223	0.276	0.228	0.23	0.223
	2/2/2012		1	0.278	0.182	0.222	0.275	0.239	0.24	0.241
	5/9/2012		1	0.192	0.183	0.22	0.263	0.205	0.207	0.214
	8/7/2012		1	0.306	0.248	0.271	0.282	0.341	0.297	0.399
	10/22/2012		1	0.296	0.292	0.258	0.306	0.307	0.317	0.323
	2/11/2013		1	0.302	0.311	0.265	0.276	0.339	0.36	0.342
	5/22/2013		1	0.294	0.282	0.235	0.3	0.283	0.262	0.323
	8/19/2013		1	0.341	0.311	0.262	0.237	0.34	0.354	0.387
	10/21/2013		1	0.335	0.343	0.258	0.24	0.334	0.329	0.268
	2/18/2014		1	0.331	0.304	0.234	0.243	0.356	0.344	0.288

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/27/2014		1	0.31	0.3	0.21	0.21	0.27	0.27	0.22
Potassium (K)										
	3/15/1995		1	19.1	62.6	79.4	215	43.7		
	5/15/1995		1	33.3	53	93.7	200	30.2		
	7/25/1995		1	38.5	53.5	86.7	200	28.3		
	10/3/1995		1	50.1	54.3	108	217	36.2		
	3/25/1996		1	50.4	55.8	61.6		39.4		
	5/20/1996		1	32.4	44.6	77.6	190	32.1		
	7/1/1996		1	33.4	42.5	80.2	177	33.2		
	8/5/1996		1	38.6	42.7	78.9	175	34.4		
	9/3/1996		1	40	54.7	101	164	30.9		
	9/30/1996		1	44.2	45.6	81.9	171	32.8		
	3/4/1997		1	58.9	44.2	81.8	200	40.8		
	5/14/1997		1	25.8	47.2	76.9	190	34.9		
	7/8/1997		1	36.3	38.2	68		28.8		
	7/16/1997		1				161			
	8/4/1997		1	41.2	48.2	78.2	179	35.2	30.8	
	9/2/1997		1	33.7	40.3	60.4	165	29.2	26.1	
	10/6/1997		1	38.8	42	64.5		32.3	30.1	
	5/19/1998		1	35.8	38.7	60.7	159	31	31.2	
	7/6/1998		1	35.4	40.1	60.9	151	31.7	30.7	
	8/3/1998		1	35.5	38.8	58.9	148	32	31	
	9/8/1998		1	37.8	43.9	64.1		38.8	33.4	
	10/19/1998		1	39.4	42.6	64.4	147	34.3	33.7	
	2/23/1999		1	40.4	39.9	71.7	162	42.6	42.8	
	5/25/1999		1	33.8	41.3	64.4	144		32	14.4
	8/2/1999		1	37.1	37.9	66.1	143		33.3	17.5
	10/11/1999		1	39.6	39.8	68	142		33.5	16.4
	2/14/2000		1	42.5	43.4	72.4	145		39.6	22
	5/2/2000		1	39	40.9	66.9	131		35.5	23.8
	8/1/2000		1	42.6	41	67	131		37.5	26.2
	10/9/2000		1	39.2	42.5	70.8	138	37.5	36.7	29.6
	3/19/2001		1	46.2	45.3	66.8	117	44.3	45.2	18.5
	5/14/2001		1	30.8	39.9	62.6	114	38.6	36.5	19
	8/6/2001		1	38.6	39.4	61.4	121	37.9	35.4	23.5
	10/10/2001		1	41.8	43.3	67.9	129	39.8	39.1	25.9
	2/11/2002		1	42.5	39.7	65.9	116	40.2	39.9	27
	5/13/2002		1	41.6	39.4	60.4	117	38	37	28.4
	8/13/2002		1	35.6	42.8	60.5	122	42.9	42.7	27.9
	10/7/2002		1	35.1	41.1	59.7	107	45.9	43	20.6
	2/10/2003		1	42.7	45.2	68.8	114	45.7	45	38.4

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/7/2003		1	36.7	42.7	58.1	108	39	39.9	30
	8/12/2003		1	43.3	42.7	62.6	107	40.6	40.1	35.3
	10/7/2003		1	42.6	44	64.3	101	41	41.5	33.7
	3/16/2004		1	47	48.6	66.2		48.4	49.5	43
	5/18/2004		1	36.6	42.5	61.3	104	40.2	40.4	26.6
	8/10/2004		1	38.4	39.8	57.7		39.2	38.8	28
	10/6/2004		1	42.4	42.1	58.3	102	40	40.5	29.7
	3/8/2005		1	43.1	46.1	63.2	102	44	44.7	35.5
	5/24/2005		1	39.9	41.8	56.7	90.1	38.7	39.8	28.9
	8/16/2005		1	35.6	38	59.8	83.6	37	37.3	25.3
	10/11/2005		1	44.6	43.2	63.9	91.7	44.2	42.9	29.9
	2/14/2006		1	42.6	48.3	59.9	83.3	47.4	46.2	34.8
	5/9/2006		1	37.5	41.1	57.9	78.9	37.4		20.7
	8/15/2006		1	34	34.6	49.3	68.3	34.8	35	23.5
	10/9/2006		1	36.5	31.1	41.7		44.9	30.1	28.9
	2/20/2007		1	44.2	42.7	55.3	73.8	41.6	44.8	33.7
	5/15/2007		1	44.5	44.8	61.3	78.5	40.2	38.9	31.3
	8/21/2007		1	37.4	40.1	53.2	67.4	39.8	41.6	32.5
	10/24/2007		1	45	47.1	63.6	76.9	44.5	45.1	37.1
	2/26/2008		1	49.3	53.5	67.2	80.9	49.8	53.1	49.3
	5/20/2008		1	43.9	45.9		71.9	104.5	44.3	34.8
	8/18/2008		1	44.3	43.1	56.5	66.5	45.6	44	39.7
	10/20/2008		1	48.9	46.2	60.6	71.7	44.8	44.8	40.1
	3/3/2009		1	45.4	47.7	60.7	73.7	48.6	50.4	49.4
	5/12/2009		1	30.6	37.2	48.8	58.8	34.1		17
	7/20/2009		1	40.9	41.5	60	69.6	32.5	36.5	22.6
	11/3/2009		1	43.2	43.8	59.2	70.4	41.5	42	28.7
	3/3/2010		1	41	44.7	56.1	69.7	40.9	44.3	
	5/19/2010		1	37.8	38.4	51.8	59.1	36.9		
	7/27/2010		1	34.4	36.4	50.4	58.8	34		26.6
	10/19/2010		1	37.1	38.6	54.8	63.3	36.8	37.1	28
	3/8/2011		1	42.2	45.8	58.2	69.5	43.8	44.5	36.4
	5/24/2011		1	35.8	35.8	52.3	56	33.3	31.2	19.1
	7/26/2011		1	37.4	38.4	51.5	60.4	35.1	35	22.9
	10/10/2011		1	36.3	37.1	49.5	57.3	33.8	34.4	25.1
	2/2/2012		1	37.3	40.3	54.7	60.6	38.2	38.4	31.5
	5/9/2012		1	35.2	34.2	47.2	50.3	32.2	31.9	24.1
	8/7/2012		1	37.7	37.9	51.6	58.5	37.7	36.1	31.3
	10/22/2012		1	40.2	41.5	53.3	62.1	39.5	38.5	33.6
	2/11/2013		1	39.9	23.1	57.6	69.2	23.6	45.5	43.7
	5/22/2013		1	37.1	39.8	48.7	58.6	35.8	35.1	26.2

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/19/2013		1	36.3	36.3	48.4	55.4	35.2	35.1	24.8
	10/21/2013		1	37.8	37.8	50.9	56.4	36.9	36.3	27.2
	2/18/2014		1	38.6	37.3	51.4	57.5	39.8	36.1	33.5
	5/27/2014		1	38.3	38.8	51	54.9	33.7	35.2	27
See Comment										
	5/12/2009		0.923							
	2/18/2014		1							
Selenium (Se)										
	10/3/1995		1	2.72	3.63	5.63	14.7	1.81		
	3/25/1996		1	3.2	6.19	6.4		2.66		
	5/20/1996		1	2.01	7.42	16.9	22.9	2.88		
	7/1/1996	0.200	1	4.57	3.32	*ND	23.7	3.57		
	8/5/1996		1	1.63	2.6	7.24	14.8	2.2		
	9/3/1996		1	2.15	1.56	4.83	6.69	0.84		
	9/30/1996	0.200	1	0.98	1.42	*ND	9.96			
	10/1/1996		1					0.56		
	3/4/1997		1	5.89	7.78	22.9	19.1	5.31		
	5/14/1997		1	2.74	4.37	7.28	21.1	3.34		
	7/8/1997		1	3.13	3.36	6.12		2.04		
	7/16/1997		1				11.6			
	8/4/1997		1	2.97	3.43	5.68	17.7	1.58	1.81	
	9/2/1997		1	2.15	3.39	2.53	15.4	2.59	1.65	
	10/6/1997		1	3.4	3.79	6.01		2.34	2.04	
	5/19/1998	1.000	1	1.35	1.26	2.08	6.19	*ND	*ND	
	7/6/1998	1.000	1	1.42	1.43	2.19	8.13	1.02	*ND	
	8/3/1998		1	3.28	1.86	2.88	56.8	1.31	1.57	
	9/8/1998		1	1.84	1.75	2.94		1.37	1.38	
	10/19/1998	5.000	1	1.26			*ND			
	10/20/1998		1		1.13	1.57		1.12	1.02	
	2/23/1999		1	2.04	1.63	3.47	14.8	1.6	2.36	
	5/25/1999	1.000	1	2.17	2.42	3.44	12.8		2.03	*ND
	8/2/1999	1.000	1	1.23	1.28	3.48	13.6		1.34	*ND
	10/11/1999	1.000	1	1.55	1.2	2.82	8.4		1.77	*ND
	2/14/2000		1	2.41	3.06	5.01	16.2		3	2.09
	5/2/2000		1	1.98	2.28	4.47	14.2		2.04	1.71
	8/1/2000	1.000	1	1.04	*ND	2.66	7.18		1.36	1.32
	10/9/2000		1	1.24	1.58	2.9	8.26	1.31	1.47	1.69
	3/19/2001	1.000	1	1.44	1.26	5.61	10.9	2.77	1.35	*ND
	5/14/2001	1.000	1	*ND	1.28	2.18	5.07	1.03	*ND	1.02
	8/6/2001	1.000	1	*ND	*ND	1.91		*ND	*ND	*ND
	8/7/2001	5.000	1				*ND			

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/10/2001	1.000	1	1.13	1.84	2.26	5.92	1.31	1.34	*ND
	2/11/2002	1.000	1	1.67	*ND	2.32	6.09	1.7	1.62	1.35
	5/13/2002	1.000	1	*ND	*ND	2.19	5.97	1.37	2.64	1.1
	10/7/2002	1.000	1	1.5	1.3	2.25		1.16	1.08	*ND
	10/8/2002	5.000	1				*ND			
	2/10/2003		1	4.29	4.51	7.14	13.5	4.7	4.65	3.38
	5/7/2003	1.000	1	2.03	*ND	1.58	7.68	11.2	1.48	2.03
	8/12/2003		1	2.11	2.07	3.41	7.62	2.09	2.2	1.63
	10/7/2003		1	5.19	6.56	9.02	15	5.28	4.97	6.37
	3/16/2004		1	3.02	2.73	3.4		2.71	2.53	2.44
	5/18/2004		1	1.72	3.35	3.55	5.18	2.49	1.74	1.4
	8/10/2004		1	1.95	2.01	3.06		2.08	2.21	1.52
	10/6/2004		1	4.49	3.45	4.86	14.5	2.65	4.84	3.19
	3/8/2005		1	3.34	3.18	5.08	11.9	4.04	2.81	2.47
	5/24/2005		1	2.2	1.91	2.8	3.52	2.58	5.23	2.01
	8/16/2005		1	8.95	13.2	13	24.5	9.64	7.51	1.44
	10/11/2005		1	6.01	3.67	1.2	10.8	1.8	8.13	1
	2/14/2006		1	3.22	2.52	3.84	5.32	2.64	2.84	3.34
	5/9/2006	1.000	1	*ND	2.3	1.62	5.29	2.32		1.53
	8/15/2006		1	1.59	2.1	2.44	4.23	1.32	1.67	1.14
	10/9/2006		1	1.7	1.91	2.68		1.34	1.7	1.01
	2/20/2007		1	1.99	1.88	2.48	3.69	2	2.25	1.55
	5/15/2007		1	1.83	1.44	2.72	3.69	1.76	1.79	1.42
	8/21/2007		1	1.49	1.41	1.49	2.85	1.47	1.74	1.42
	10/24/2007	1.000	1	1.08	1.28	1.45	2.29	1.13	1.04	*ND
	2/26/2008		1	1.16	1.25	1.2	2.43	1.24	1.21	1.2
	5/20/2008		1	1.51	1.47		2.57	3.33	1.63	1.46
	8/18/2008	10.000	1	14.1	*ND	11	17.8	*ND	*ND	*ND
	10/20/2008	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	6.73	*ND	*ND	7.95	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	5.84	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	5.000	1	*ND	*ND	*ND	5.27	*ND	*ND	*ND
	2/11/2013	5.000	1	*ND	*ND	*ND	5.32	*ND	*ND	*ND
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	5.47	*ND	5.57	6.97	7.41	5.01	*ND
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Silver (Ag)										
	5/14/1997	0.040	1	*ND	0.66			*ND		
	5/15/1997	1.000	1			*ND	*ND			
	7/8/1997	1.000	1	*ND	*ND	*ND		*ND		
	7/16/1997		1				1.63			
	8/4/1997	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/2/1997	1.000	1	*ND	*ND	*ND	6.69	*ND	*ND	
	10/6/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/19/1998	1.000	1	*ND	*ND	*ND	7.89	*ND	*ND	
	7/6/1998	1.000	1		*ND	*ND		*ND	*ND	
	7/7/1998	2.000	1	*ND						
	7/7/1998	5.000	1				*ND			
	8/3/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	8/4/1998	5.000	1				*ND			
	9/8/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/21/1998	5.000	1				*ND			
	2/23/1999	1.000	1	*ND	*ND	*ND		*ND	*ND	
	2/24/1999	5.000	1				*ND			
	5/25/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/2/1999	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/3/1999	5.000	1				*ND			
	10/11/1999	1.000	1	*ND	*ND				*ND	*ND
	10/12/1999	2.000	1			*ND				
	10/12/1999	3.000	1				*ND			
	2/14/2000	3.000	1	*ND	*ND				*ND	*ND
	2/15/2000	5.000	1				*ND			
	2/15/2000	2.000	1			*ND				
	5/2/2000	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/1/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/2/2000	5.000	1				*ND			

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/9/2000	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/19/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/20/2001	5.000	1				*ND			
	5/14/2001	1.000	1	*ND		*ND	*ND	*ND	*ND	*ND
	5/14/2001	2.000	1		*ND					
	8/6/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	8/7/2001	5.000	1				*ND			
	10/10/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/11/2001	5.000	1				*ND			
	2/11/2002	5.000	1				*ND			
	2/11/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/13/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/14/2002	5.000	1				*ND			
	10/7/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/8/2002	5.000	1				*ND			
	2/10/2003	5.000	1			1.44	*ND			
	2/11/2003	1.000	1	*ND	*ND			*ND	1.83	1.3
	5/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/12/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/16/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/18/2004	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/10/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/7/2004	5.000	1				*ND			
	3/8/2005	1.000	1	*ND		*ND		*ND	*ND	*ND
	3/9/2005	5.000	1		1.03		*ND			
	5/24/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/16/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/11/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/14/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2006	1.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	8/15/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/9/2006	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/20/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/15/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/21/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/24/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/26/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/20/2008	1.000	1	*ND	*ND		*ND	1.91	*ND	*ND
	8/18/2008	10.000	1	*ND	*ND	*ND	10.8	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	10/20/2008	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Sodium (Na)										
	3/15/1995		1	135	408	609	2090	249		
	5/15/1995		1	206	369	739	1940	189		
	7/25/1995		1	264	369	688	1960	164		
	10/3/1995		1	334	390	893	2070	218		
	3/25/1996		1	325	385	420		250		
	5/20/1996		1	207	317	626	1840	208		
	7/1/1996		1	212	292	631	1700	208		
	8/5/1996		1	256	296	626	1690	214		
	9/3/1996		1	269	371	789	1570	191		
	9/30/1996		1	290	309	638	1540	200		
	3/4/1997		1	388	293	583	1860	253		
	5/14/1997		1	145	321	598	1820	216		
	7/8/1997		1	229	249	504		165		
	7/16/1997		1				1500			
	8/4/1997		1	258	307	570	1650	201	167	
	9/2/1997		1	212	262	448	1540	169	146	
	10/6/1997		1	241	271	473		187	169	

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/19/1998		1	233	262	460	1510	193	188	
	7/6/1998		1	232	266	461	1400	200	190	
	8/3/1998		1	233	256	445	1330	199	186	
	9/8/1998		1	244	283	487		236	198	
	10/19/1998		1	256	280	492	1330	210	206	
	2/23/1999		1	261	260	581	1460	285	268	
	5/25/1999		1	201	262	469	1280		188	44.1
	8/2/1999		1	239	242	495	1300		199	64.9
	10/11/1999		1	251	254	509	1280		204	54.4
	2/14/2000		1	272	282	543	1300		242	89.1
	5/2/2000		1	250	268	501	1140		219	127
	8/1/2000		1	276	268	502	1160		230	146
	10/9/2000		1	264	290	530	1150	249	245	175
	3/19/2001		1	308	303	478	1150	289	294	89.4
	5/14/2001		1	184	264	473	1030	254	238	91.4
	8/6/2001		1	253	261	460	1080	248	229	127
	10/10/2001		1	278	289	513	1160	260	256	141
	2/11/2002		1	299	286	519	1060	286	284	162
	5/13/2002		1	281	268	466	1010	256	248	171
	8/13/2002		1	234	283	449	1020	283	281	170
	10/7/2002		1	239	276	452	927	298	286	99.4
	2/10/2003		1	284	305	513	953	310	299	246
	5/7/2003		1	243	286	430	926	259	264	187
	8/12/2003		1	292	290	469	954	272	266	224
	10/7/2003		1	295	302	483	880	280	282	221
	3/16/2004		1	321	335	490		333	341	290
	5/18/2004		1	238	287	457	888	267	268	158
	8/10/2004		1	263	273	433		268	262	172
	10/6/2004		1	291	291	441	880	271	274	185
	3/8/2005		1	296	322	460	858	302	307	231
	5/24/2005		1	268	283	414	759	261	267	178
	8/16/2005		1	249	272	420	717	258	263	160
	10/11/2005		1	264	269	410	639	264	257	162
	2/14/2006		1	284	322	421	624	324	304	215
	5/9/2006		1	244	267	409	614	243		109
	8/15/2006		1	287	287	421	604	275	269	154
	10/9/2006		1	308	255	354		289	234	162
	2/20/2007		1	296	289	405	576	280	300	203
	5/15/2007		1	293	297	428	585	263	288	189
	8/21/2007		1	265	287	407	564	280	298	213
	10/24/2007		1	303	324	476	625	310	294	233

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/26/2008		1	348	375	496	637	347	374	323
	5/20/2008		1	256	272		504	659	260	200
	8/18/2008		1	283	277	371	462	313	302	266
	10/20/2008		1	328	316	445	557	300	302	269
	3/3/2009		1	298	318	436	538	328	329	341
	5/12/2009		1	209	264	369	454	241		95.8
	7/20/2009		1	264	289	412	525	223	249	132
	11/3/2009		1	276	286	420	514	268	265	168
	3/3/2010		1	262	290	404	511	267	288	
	5/19/2010		1	251	262	373	443	246		
	7/27/2010		1	239	254	367	447	234		161
	10/19/2010		1	250	264	392	472	247	248	169
	3/8/2011		1	280	301	405	510	282	287	209
	5/24/2011		1	233	233	338	396	210	194	96.1
	7/26/2011		1	246	253	359	436	225	220	121
	10/10/2011		1	237	240	344	421	213	217	141
	2/2/2012		1	250	271	384	455	246	247	187
	5/9/2012		1	237	227	333	376	211	208	147
	8/7/2012		1	256	252	366	435	244	234	194
	10/22/2012		1	272	282	385	480	260	258	218
	2/11/2013		1	305	259	403	534	253	301	283
	5/22/2013		1	256	274	358	467	242	234	168
	8/19/2013		1	248	245	349	426	237	237	150
	10/21/2013		1	257	260	366	438	246	243	166
	2/18/2014		1	260	253	367	442	268	317	207
	5/27/2014		1	250	249	342	401	226	221	161
Sodium Adsorption Ratio										
	3/15/1995		1	3.99	7.24	9.5	20.8	4.54		
	5/15/1995		1	4.59	6.82	11	20	4.1		
	7/25/1995		1	5.58	6.66	10.6	20	3.72		
	10/3/1995		1	6.18	6.68	12.4	21.4	4.31		
	3/25/1996		1	5.81	6.66	7.13		4.82		
	5/20/1996		1	4.62	6.2	9.97	19.6	4.57		
	7/1/1996		1	4.63	5.84	10	18.9	4.46		
	8/5/1996		1	5.3	5.91	9.94	18.7	4.47		
	9/3/1996		1	5.47	6.59	11.2	18	4.18		
	9/30/1996		1	5.68	6.03	10	17.6	4.28		
	3/4/1997		1	6.62	5.74	8.73	19.5	4.89		
	5/14/1997		1	3.55	6.07	9.59	19.7	4.47		
	7/8/1997		1	4.85	5.2	8.4		3.73		
	7/16/1997		1				17.4			

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/4/1997		1	5.19	5.78	9.04	18.2	4.2	3.6	
	9/2/1997		1	4.61	5.31	7.87	17.9	3.8	3.36	
	10/6/1997		1	4.97	5.44	8.09		4.04	3.7	
	5/19/1998		1	4.93	5.4	8.07	17.6	4.23	4.04	
	7/6/1998		1	4.8	5.27	7.92	16.6	4.23	4.04	
	8/3/1998		1	4.9	5.19	7.87	16	4.27	4	
	9/8/1998		1	4.98	5.44	8.32		4.65	4.11	
	10/19/1998		1	5.12	5.44	8.25	15.8	4.33	4.24	
	2/23/1999		1	5.05	5.13	8.96	16.7	5.15	4.86	
	5/25/1999		1	4.25	5.08	7.9	15.4		3.91	1.18
	8/2/1999		1	4.79	4.81	8.1	15.5		4.05	1.54
	10/11/1999		1	4.91	4.97	8.27	15.3		4.16	1.2
	2/14/2000		1	5.07	5.22	8.46	15.3		4.54	1.65
	5/2/2000		1	4.96	5.25	8.37	14.3		4.41	2.8
	8/1/2000		1	5.29	5.19	8.36	14.5		4.61	3.17
	10/9/2000		1	5.11	5.41	8.46	14.2	4.79	4.75	3.5
	3/19/2001		1	5.6	5.59	7.67	14.9	5.31	5.27	1.95
	5/14/2001		1	3.97	5.13	7.99	14.1	4.9	4.67	2.07
	8/6/2001		1	4.99	5.1	7.85	13.9	4.85	4.57	2.77
	10/10/2001		1	5.28	5.41	8.32	14.4	4.93	4.9	3.01
	2/11/2002		1	5.42	5.35	8.34	13.7	5.27	5.16	3.17
	5/13/2002		1	5.29	5.18	7.9	13.2	4.91	4.77	3.47
	8/13/2002		1	4.77	5.39	7.76	13.4	5.16	5.13	3.61
	10/7/2002		1	4.9	5.27	7.73	12.6	5.29	5.22	2.05
	2/10/2003		1	5.26	5.59	8.22	12.5	5.66	5.34	4.41
	5/7/2003		1	4.88	5.38	7.49	12.7	4.97	5	3.74
	8/12/2003		1	5.51	5.49	7.89	13.2	5.18	5.11	4.31
	10/7/2003		1	5.55	5.6	7.98	12.4	5.31	5.31	4.32
	3/16/2004		1	5.76	5.99	7.97		5.9	5.94	5.06
	5/18/2004		1	4.85	5.5	7.73	12.4	5.16	5.16	3.29
	8/10/2004		1	5.22	5.34	7.54		5.19	5.09	3.5
	10/6/2004		1	5.48	5.51	7.6	12.3	5.16	5.17	3.71
	3/8/2005		1	5.49	5.85	7.45	12	5.45	5.49	4.19
	5/24/2005		1	5.19	5.4	7.27	11.1	5.03	5.08	3.62
	8/16/2005		1	4.82	5.2	7.35	10.6	4.91	4.98	3.27
	10/11/2005		1	4.93	5.13	7.03	9.51	4.88	4.78	3.22
	2/14/2006		1	5.02	5.62	6.93	9.05	5.67	5.25	3.82
	5/9/2006		1	4.68	4.96	6.86	9.21	4.63		2.29
	8/15/2006		1	5.3	5.26	7.03	9.14	5.01	4.96	3.11
	10/9/2006		1	6.32	4.95	6.22		5.51	4.56	3.41
	2/20/2007		1	5.18	5.16	6.63	8.66	4.95	5.1	3.65

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/15/2007		1	5.35	5.42	7.3	9.13	5.02	5.54	3.74
	8/21/2007		1	5.11	5.36	7.1	9.06	5.24	5.48	4.09
	10/24/2007		1	5.54	5.84	7.95	9.89	5.57	5.26	4.32
	2/26/2008		1	5.93	6.23	7.83	9.55	5.9	6.04	5.16
	5/20/2008		1	4.7	4.92		8.05	11.47	4.71	3.79
	8/18/2008		1	5.19	5.15	6.43	7.61	5.67	5.58	5.05
	10/20/2008		1	5.68	5.64	7.1	8.39	5.39	5.41	4.96
	3/3/2009		1	5.23	5.66	7.17	8.44	5.66	5.64	5.63
	5/12/2009		1	4.41	5.12	6.64	7.75	4.8		2.41
	7/20/2009		1	5.14	5.32	6.71	8.65	4.49	4.86	3.03
	11/3/2009		1	5.17	5.17	6.95	7.97	5.03	4.95	3.39
	3/3/2010		1	4.8	5.17	6.7	7.97	4.9	5.06	
	5/19/2010		1	4.85	5	6.55	7.51	4.71		
	7/27/2010		1	4.59	4.83	6.4	7.37	4.53		3.26
	10/19/2010		1	4.63	4.88	6.54	7.5	4.6	4.6	3.36
	3/8/2011		1	4.97	5.33	6.64	7.86	5.1	5.17	3.89
	5/24/2011		1	4.33	4.36	5.93	6.53	4.02	3.79	2.12
	7/26/2011		1	4.58	4.69	6.19	7.04	4.34	4.16	2.56
	10/10/2011		1	4.34	4.35	5.78	6.68	3.99	4.05	2.84
	2/2/2012		1	4.49	4.89	6.33	7.18	4.47	4.49	3.5
	5/9/2012		1	4.61	4.52	5.98	6.64	4.25	4.19	3.2
	8/7/2012		1	4.8	4.76	6.27	7.09	4.54	4.43	3.79
	10/22/2012		1	4.93	5.08	6.45	7.52	4.69	4.73	4.08
	2/11/2013		1	5.23	4.7	6.1	8.53	4.55	4.79	5.04
	5/22/2013		1	4.73	4.96	6.24	7.48	4.57	4.37	3.32
	8/19/2013		1	4.65	4.61	6.09	7.05	4.48	4.48	3.06
	10/21/2013		1	4.77	4.86	6.27	7.33	4.61	4.59	3.33
	2/18/2014		1	4.64	4.7	6.14	7.23	4.73	5.79	3.67
	5/27/2014		1	4.67	4.69	5.99	6.78	4.22	4.29	3.27
Sulfate as (SO4)										
	3/15/1995		1	288	1020	1590	4850	554		
	5/15/1995		1	461	870	1580	3770	397		
	7/25/1995		1	697	930	1780	4280	423		
	10/3/1995		1	859	882	1700	4230	600		
	3/25/1996		1	950	757	1140		562		
	5/20/1996		1	458	643	1300	4120	465		
	7/1/1996		1	525	725	1570	4120	474		
	8/5/1996		1	547	648	1440	3970	452		
	9/3/1996		1	692	773	1710	3760	448		
	9/30/1996		1	565	643	1370	3480	443		
	3/4/1997		1	777	686	1170	4460	626		

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/14/1997		1	348	780	1500	4200	504		
	7/8/1997		1	569	642	1180		427		
	7/16/1997		1				3640			
	8/4/1997		1	574	662	1200	3580	467	386	
	9/2/1997		1	540	632	1110	3510	440	382	
	10/6/1997		1	581	655	1130		468	424	
	5/19/1998		1	546	596	999	3270	477	440	
	7/6/1998		1	545	599	993	2790	470	447	
	8/3/1998		1	585	597	1090	2780	511	486	
	9/8/1998		1	583	632	1150		524	495	
	10/19/1998		1	622	652	1230	2950	529	516	
	2/23/1999		1	663	674	1310	3080	622	595	
	5/25/1999		1	490	607	1120	2760		449	155
	8/2/1999		1	553	562	1110	2690		452	195
	10/11/1999		1	589	605	1180	2780		485	219
	2/14/2000		1	622	636	1220	2710		560	321
	5/2/2000		1	614	644	1200	2740		539	338
	8/1/2000		1	611	629	1140	2640		540	385
	10/9/2000		1	617	627	1130	2530	561	554	404
	3/19/2001		1	662	635	971	2210	627	632	283
	5/14/2001		1	463	663	1150	2400	610	577	282
	8/6/2001		1	600	627	1090	2390	582	554	350
	10/10/2001		1	628	655	1150	2480	599	591	354
	2/11/2002		1	671	683	1120	2480	687	682	415
	5/13/2002		1	582	552	1040	1920	579	492	357
	8/13/2002		1	635	663	1120	2330	634	632	473
	10/7/2002		1	622	660	1060	2220	632	611	336
	2/10/2003		1	728	744	1220	2220	735	745	620
	5/7/2003		1	518	610	901	2110	611	572	422
	8/12/2003		1	656	658	1010	2130	613	608	498
	10/7/2003		1	695	679	1070	2260	657	636	555
	3/16/2004		1	730	764	967		740	783	680
	5/18/2004		1	562	654	984	1900	620	599	419
	8/10/2004		1	636	515	1010		607	628	431
	10/6/2004		1	639	673	1030	1910	633	625	453
	3/8/2005		1	663	683	980	1910	675	688	564
	5/24/2005		1	633	663	969	1710	612	611	460
	8/16/2005		1	595	650	979	1660	595	626	424
	10/11/2005		1	621	648	959	1580	618	625	451
	2/14/2006		1	641	691	880	1390	701	703	537
	5/9/2006		1	605	667	963	1470	626		339

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/15/2006		1	619	633	907	1280	610	604	397
	10/9/2006		1	645	637	928		619	612	444
	2/20/2007		1	723	723	1030	1330	720	755	539
	5/15/2007		1	646	654	928	1240	621	604	436
	8/21/2007		1	604	635	884	1130	638	615	493
	10/24/2007		1	628	638	906	1170	632	644	531
	2/26/2008		1	719	747	1020	1270	752	792	727
	5/20/2008		1	657	670		1140	1553	636	531
	8/18/2008		1	690	704	956	1150	670	671	580
	10/20/2008		1	684	683	915	1150	653	670	595
	3/3/2009		1	727	756	990	1240	744	796	781
	5/12/2009		1	515	654	895	1070	607		274
	7/20/2009		1	552	610	853	1040	569	565	328
	11/3/2009		1	596	638	921	1070	579	576	384
	3/3/2010		1	525	643	822	1030	608	564	
	5/19/2010		1	581	610	831	1030	555		
	7/27/2010		1	564	651	887	1110	556		383
	10/19/2010		1	608	615	846	1040	577	565	422
	3/8/2011		1	635	648	856	1050	612	616	469
	5/24/2011		1	523	549	720	881	471	459	265
	7/26/2011		1	586	593	827	968	536	524	313
	10/10/2011		1	620	660	898	1020	584	563	386
	2/2/2012		1	610	625	845	988	590	584	451
	5/9/2012		1	598	619	809	967	565	542	436
	8/7/2012		1	616	638	859	1020	596	572	489
	10/22/2012		1	641	646	864	1050	608	603	511
	2/11/2013		1	682	676	880	1100	662	668	627
	5/22/2013		1	561	591	803	972	552	521	398
	8/19/2013		1	576	596	796	965	552	556	369
	10/21/2013		1	590	591	815	964	566	567	407
	2/18/2014		1	636	653	856	1020	637	655	549
	5/27/2014		1	552	560	731	878	535	506	382
Thallium (Tl)										
	5/14/1997	0.030	1	*ND	*ND			*ND		
	5/15/1997	1.000	1			*ND	*ND			
	7/8/1997	1.000	1	*ND	*ND	*ND		*ND		
	7/16/1997	1.000	1				*ND			
	8/4/1997	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	9/2/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	
	9/3/1997	5.000	1				*ND			
	10/6/1997	1.000	1	*ND	*ND	*ND		*ND	*ND	

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	5/20/1998	5.000	1				*ND			
	7/6/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	7/7/1998	5.000	1				*ND			
	8/3/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	8/4/1998	5.000	1				*ND			
	9/8/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/19/1998	1.000	1	*ND	*ND	*ND		*ND	*ND	
	10/21/1998	5.000	1				*ND			
	2/23/1999	1.000	1	*ND	*ND	*ND		*ND	*ND	
	2/24/1999	5.000	1				*ND			
	5/25/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/2/1999	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/3/1999	5.000	1				*ND			
	10/11/1999	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	2/14/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	2/15/2000	5.000	1				*ND			
	5/2/2000	1.000	1	*ND	*ND	*ND	*ND		*ND	*ND
	8/1/2000	1.000	1	*ND	*ND	*ND			*ND	*ND
	8/2/2000	5.000	1				*ND			
	10/9/2000	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/19/2001	1.000	1	*ND	*ND	*ND		*ND	2.5	*ND
	3/20/2001	5.000	1				*ND			
	5/14/2001	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/6/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	8/7/2001	5.000	1				*ND			
	10/10/2001	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/11/2001	5.000	1				*ND			
	2/11/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/11/2002	5.000	1				*ND			
	5/13/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/14/2002	5.000	1				*ND			
	10/7/2002	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/8/2002	5.000	1				*ND			
	2/10/2003	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/10/2003	5.000	1				*ND			
	5/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/12/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/7/2003	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/16/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	5/18/2004	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	8/10/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/6/2004	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	10/7/2004	5.000	1				*ND			
	3/8/2005	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	3/9/2005	5.000	1				*ND			
	5/24/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/16/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/11/2005	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/14/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2006	1.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	8/15/2006	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/9/2006	1.000	1	*ND	*ND	*ND		*ND	*ND	*ND
	2/20/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/15/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/21/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/24/2007	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/26/2008	1.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/20/2008	1.000	1	*ND	*ND		*ND	1	*ND	*ND
	8/18/2008	10.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/20/2008	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/12/2009	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	7/20/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	11/3/2009	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/3/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	
	5/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		
	7/27/2010	5.000	1	*ND	*ND	*ND	*ND	*ND		*ND
	10/19/2010	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/22/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/22/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	2/18/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
Zinc (Zn)										
	10/3/1995		1	17.3	3.18	1.37	39.1	7.06		
	3/25/1996		1	11.4	8.33	7.68		11.2		
	5/20/1996		1	13.3	6.88	83.2	166	7.52		
	7/1/1996		1	20	20.6	71.7	27.7	24.1		
	8/5/1996		1	7.44	13.3	141	23	17.9		
	9/3/1996		1	32.9	26.5	13.8	10.4	19.7		
	9/30/1996		1	36.4	29.5	59.2	34.8	36.8		
	3/4/1997		1	30	28.8	38.7	55	49.7		
	5/14/1997	1.000	1	4.34	19.3	*ND	*ND	2.19		
	7/8/1997		1	16.3	11.2	13.1		10.1		
	7/16/1997		1				14.7			
	8/4/1997		1	3.21	9.98	3.16	2.66	3.65	2.63	
	9/2/1997		1	15.4	14.6	14.7	30.1	14.6	22.7	
	10/6/1997		1	28.3	36.9	18		19.7	37.5	
	5/19/1998	1.000	1	1.22	7.91	*ND		*ND	1.75	
	5/20/1998	5.000	1				*ND			
	7/6/1998	5.000	1		1.02	1.41	*ND	1.16	1.74	
	7/7/1998	1.000	1	*ND						
	8/3/1998	1.000	1	4.82	2.74	2.76	24.1	5.14	*ND	
	9/8/1998	1.000	1	*ND	1.54			2.61		
	9/10/1998		1			2.1			2.31	
	10/19/1998	5.000	1	3.46			*ND			
	10/20/1998		1		3.07	5.36		2.99	3.86	
	2/23/1999	5.000	1	7.49	3.45	5.22	*ND	4.28	8.72	
	5/25/1999		1	11.4	7.97	4.39	4.62		3.2	4.23
	8/2/1999	1.000	1	*ND	6.31				1.91	*ND
	8/3/1999	5.000	1			11.3	*ND			
	10/11/1999		1	3.31	4.05	5.15	9.76		4.05	5.56
	2/14/2000		1	7.19	6.75	10.5	10.3		11.5	10.1
	5/2/2000	1.000	1	2.93	1.94	2.32	1.18		*ND	*ND
	8/1/2000		1	8.29	9.35	8.76	21		9.76	9.99
	10/9/2000		1	12.2	12.9	12.4	12.2	9.99	10.9	13.5
	3/19/2001		1	14.1	15.1	16.3	27.6	15.3	17.4	26.3
	5/14/2001		1	11.3	16.8	15.3	13	5.95	12.6	12.7
	8/6/2001		1	22.1	9.1	6.23	12.2	8.93	17.1	2.01
	10/10/2001		1	15.9	13.8	13.9	31.8	17.6	19.2	11.8
	2/11/2002		1	19.5	18.3	20	45	18.1	12.4	15.7
	5/13/2002		1	11	6.84	18	17.3	7.39	14	17.2
	10/7/2002		1	29.4	17.3	37	43	26.6	25.5	33

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	2/10/2003		1	34.7	28.7	29.3	61.4	32	13.2	15.5
	5/7/2003	1.000	1	*ND	*ND	4.18	*ND	1.16	*ND	*ND
	8/12/2003		1	2.55	3.39	2.78	21.3	2.23	4.4	3.52
	10/7/2003	1.000	1	*ND	1.01	2.3	3.74	*ND	*ND	*ND
	3/16/2004		1	3.03	2.74	5.62		2.9	2.99	9.31
	5/18/2004		1	2	2.45	3.01	21.5	3.14	3.9	2.15
	8/10/2004		1	4.9	3.49	5.37		6.6	10.5	6.15
	10/6/2004		1	2.76	3.78	2.9	8.32	2.96	5.37	4.04
	3/8/2005		1	2.57	3.03	3.51	22.8	2.79	4.7	5.09
	5/24/2005		1	4.01	2.81	3.36	5	2.87	19.2	5.04
	8/16/2005		1	3.96	2.54	4.85	3.4	3.78	3.23	5.4
	10/11/2005		1	3.01	3.63	4.45	4.32	3.86	3.23	4.06
	2/14/2006		1	2.71	3.17	5.57	4.62	3.55	8.27	3.49
	5/9/2006		1	1.42	3.13	1.13	3.08	2.76		1.98
	8/15/2006		1	2.31	6.74	4.25	2.82	1.94	2.5	1.66
	10/9/2006		1	1.93	1.98	3.14		2.29	2.43	2.42
	2/20/2007		1	34.6	2.52	3.18	4.85	2.71	14.9	4.28
	5/15/2007		1	2.78	2.76	5.25	4.8	3.07	3.33	2.39
	8/21/2007		1	2.95	3.48	4.77	4.26	3.75	3.96	5.43
	10/24/2007		1	2.05	1.97	4.36	3.92	2.35	3.06	5.43
	2/26/2008		1	2.16	2.61	3.07	3.27	2.77	3.29	2.85
	5/20/2008		1	2.91	3.34		4.78	6.98	2.94	3.31
	8/18/2008	10.000	1	*ND	46.1	*ND	10.8	*ND	22.8	*ND
	10/20/2008	5.000	1	*ND	6.83	5.17	5.9	*ND	10.5	6.61
	3/3/2009	5.000	1	5.11	*ND	5.35	6.08	6.07	*ND	6.54
	5/12/2009		1	7.19	16.4	20.1	7.48	8		5.74
	7/20/2009		1	13.3	13	11.4	13.9	10.5	12.1	11.4
	11/3/2009		1	9.45	10.8	13.7	12.2	17.8	11	11.8
	3/3/2010	5.000	1	*ND	*ND	9.1	*ND	*ND	5.24	
	5/19/2010	10.000	1	*ND	*ND	*ND	10.6	*ND		
	7/27/2010		1	7.98	8.51	8.76	9.8	7.88		8.71
	10/19/2010	5.000	1	*ND	5.8	*ND	*ND	*ND	*ND	*ND
	3/8/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	5/24/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	7/26/2011	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/10/2011		1	7.14	19.1	9.29	11.4	10.5	14.3	8.29
	2/2/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	5.03	*ND
	5/9/2012	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	5.64
	8/7/2012	5.000	1	*ND	*ND	*ND	*ND	43	*ND	*ND
	10/22/2012	5.000	1	6.8	*ND	*ND	*ND	*ND	*ND	*ND
	2/11/2013	5.000	1	11.1	*ND	*ND	5.02	5.7	8.69	8.39

Analyte	Collection Date	Detect Limit	Depth	380221	380233	380234	380235	380236	384160	385029
	5/22/2013	5.000	1	6.48	9.3	*ND	5.07	*ND	10.6	*ND
	8/19/2013	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND
	10/21/2013	5.000	1	5.5	*ND	*ND	5.43	*ND	*ND	20.3
	2/18/2014	5.000	1	*ND	*ND	*ND	5.13	*ND	7.05	*ND
	5/27/2014	5.000	1	*ND	*ND	*ND	*ND	*ND	*ND	*ND