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April 14, 2006

Norman Shopay Project Manager California Department of Toxic Substances Control Geology and Corrective Action Branch 700 Heinz Avenue Berkeley, California 94710

Robert Perdue Executive Officer California Regional Water Quality Control Board Colorado River Basin Region 73-720 Fred Waring Drive, Suite 100 Palm Desert, CA 92260

Subject: Interim Measures Compliance Monitoring Program Groundwater Monitoring Report, First Quarter 2006 PG&E Topock Compressor Station, Needles, California

Dear Mr. Shopay and Mr. Perdue:

Enclosed is the *Groundwater Monitoring Report for First Quarter 2006* for the Interim Measure Compliance Monitoring Program (CMP) at the PG&E Topock Compressor Station. This monitoring report presents the results of the first quarter 2006 CMP groundwater monitoring events and has been prepared in conformance with RWQCB Order No. R7-2004-0103, as well as the Department of Toxic Substances Control (DTSC)'s July 15 letter approving the Compliance Monitoring Plan.

In the July 15 letter, DTSC provided recommended target values and action levels for selected monitoring parameters, to be used until a more robust baseline data set is established. An addendum to the Compliance Monitoring Plan was submitted to DTSC and the California Regional Water Quality Control Board, Colorado River Basin Region (Water Board) on December 13, 2005 that contained an update to the action levels using analytical data through September 2005. The proposed CMP addendum action levels have not been approved and therefore were not used in this quarterly report. The action levels provided by DTSC in the July 15 letter will continue to be used until revised action levels are approved.

The reporting of exceedences of interim action levels under WDR R7-2004-0103 for the first quarter sampling is contained within this letter. Because of the interim nature of the action levels and the fact that the exceedences appear to be primarily the result of normal statistical variation in groundwater quality rather than impacts related to effluent effects, contingency plans (for immediate reporting and verification sampling) have not been implemented for the current exceedences. Water Board staff has confirmed that the action levels are under

Mr. Norman Shopay Mr. Robert Perdue April 14, 2006 Page 2

review and as well as the procedures for the timing and mechanisms of future exceedance reporting. It is worth noting that some of the samples exceeding recommended interim action levels as discussed herein would not have exceeded the addendum action levels.

During the first quarter 2006, one sample from the well OW-2S exceeded the total chromium [Cr(T)] action level of 28 micrograms per liter (μ g/L) (39.4 μ g/L), and one sample from the same well exceeded the hexavalent chromium [Cr(VI)] action level of 33 μ g/L (36.5 μ g/L). No other samples exceeded the action levels for Cr(T) or Cr(VI). A review of the water quality parameters indicative of treated groundwater injection (Cr(VI), total dissolved solids, sulfate, nitrate/nitrite, and fluoride) confirm that injected water has not yet reached OW-2S, and these fluctuations in Cr(T) and Cr(VI) concentrations are not related to injected water (which has lower chromium concentrations), but are related to the natural variability within the shallower portions of the aquifer.

No samples exceeded the TDS action level of 10,300 milligrams per liter. Concentrations of fluoride in wells OW-1D and OW-2S exceeded action levels for the quarterly sampling but were similar in concentration to fourth quarter 2005, third quarter 2005, and pre-injection levels for these wells. This is another indication that the natural variation observed in wells OW-1D and OW-2S is outside of the initial range of values used to calculate the action levels. Concentrations of nitrate/nitrite as nitrogen exceeded action levels for most of the wells including OW-1S, OW-1D, OW-2S, OW-2M, OW-2D, OW-5S, and OW-5D. The elevation of nitrate levels for wells within the area showing impact of injection and wells outside of the area of impact indicates that the natural variation of nitrate in these wells is also outside the initial range of values used to calculate the action levels for nitrate.

Please contact me at 805/546-5243 if you have any questions on the performance monitoring program.

Sincerely,

Julie Eathers for yvorne Meeks

cc. Jose Cortez, RWQCB Liann Chavez, RWQCB Kate Burger/ DTSC

Enclosure

Compliance Monitoring Program Groundwater Monitoring Report, First Quarter 2006

Interim Measure No. 3 PG&E Topock Compressor Station Needles, California

Prepared for

California Department of Toxic Substances Control and the Water Board

On behalf of Pacific Gas and Electric Company

April 14, 2006

CH2MHILL 155 Grand Avenue, Suite 1000 Oakland, CA 94612

Compliance Monitoring Program Groundwater Monitoring Report First Quarter 2006

PG&E Topock Compressor Station Needles, California

Prepared for

California Department of Toxic Substances Control and the California Regional Water Quality Control Board, Colorado River Basin

On Behalf of

Pacific Gas and Electric Company

April 14, 2006

This report was prepared under the supervision of a California Certified Engineering Geologist

Butt

Paul Bertucci, C.E.G. No. 1977 Project Hydrogeologist



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Acronyms and Abbreviations

CMP	Compliance Monitoring Program
Cr(T)	total dissolved chromium
Cr(VI)	hexavalent chromium
DTSC	California Department of Toxic Substances Control
IM	Interim Measure
µg/L	micrograms per liter
mg/L	milligrams per liter
MRP	Monitoring and Reporting Program
PG&E	Pacific Gas and Electric Company
TDS	total dissolved solids
Water Board	California Regional Water Quality Control Board Colorado River Basin Region
WDR	Waste Discharge Requirements

section 1.0 Introduction

Pacific Gas and Electric Company (PG&E) is implementing an Interim Measure (IM) to address chromium concentrations in groundwater at the Topock Compressor Station near Needles, California. The IM consists of groundwater extraction in the Colorado River floodplain and management of extracted groundwater. The groundwater extraction, treatment, and injection systems are collectively referred to as Interim Measure No. 3 (IM No. 3). Currently, the IM No. 3 facilities include a groundwater extraction system, conveyance piping, a groundwater treatment plant, and an injection well field for the discharge of the treated groundwater. Figure 1 shows the location of the IM No. 3 extraction, conveyance, treatment, and injection facilities.

On October 13, 2004, the California Regional Water Quality Control Board Colorado River Basin Region (Water Board) adopted Waste Discharge Requirements (WDR) Order No. R7-2004-0103, which authorized PG&E to inject treated groundwater into wells located in the East Mesa area of the Topock site. The WDRs specify effluent limitations, prohibitions, specifications, and provisions for subsurface injection. Monitoring and Reporting Program (MRP) No. R7-2004-0103 specifies the requirements for the Compliance Monitoring Program (CMP) to monitor the aquifer in the injection well area to ensure that the injection of treated groundwater is not causing an adverse effect on the aquifer water quality. The *Groundwater Compliance Monitoring Plan for Interim Measures No. 3 Injection Area* was submitted to the Water Board and the California Department of Toxic Substances Control (DTSC) on June 17, 2005 (herein referred to as the Compliance Monitoring Plan). The Compliance Monitoring Plan provides the objectives, proposed monitoring program, data evaluation methods, and reporting requirements for the CMP (CH2M HILL 2005a).

This report presents the results of the first quarter 2006 CMP groundwater monitoring event. The injection system consists of two injection wells, IW-2 and IW-3. Operation of the treatment system was conditionally approved on July 15, 2005 (DTSC 2005), and injection began on July 31, 2005 into IW-2. Beginning with the first quarter of 2006 (starting January 22, 2006), injection testing of treated water at approximately equal rates into IW-3 was performed. While IW-3 was not used for more than testing in the first quarter, it is anticipated that both IW-2 and IW-3 will be used in the future. Figure 2 shows the locations of the injection wells and the groundwater monitoring wells (observation wells and compliance monitoring wells) in the CMP. Table 1 summarizes information on well construction and sampling methods for all wells in the CMP.

Under the CMP, as of March 2006, samples were collected from groundwater wells (Figure 2) according to the following schedule:

- Nine observation wells located near the IM No. 3 injection wellfield were sampled quarterly beginning March 2006 (this event).
- Eight compliance monitoring wells located around the IM No. 3 injection wellfield will be sampled semiannually beginning June 2006 (not sampled this event).

For both quarterly and semiannual sampling events, laboratory analyses include total dissolved chromium [Cr(T)], hexavalent chromium [Cr(VI)], metals, specific conductance, pH, total dissolved solids (TDS), turbidity, silica, and major inorganic cations and anions. Groundwater elevation data and field water quality data—including specific conductance, temperature, pH, oxidation-reduction potential, dissolved oxygen, turbidity and salinity—are also measured during each monitoring event (CH2M HILL 2005a).

SECTION 2.0 First Quarter 2006 Monitoring Activities

This section provides a summary of the monitoring and sampling activities completed during the first quarter of 2006. First quarter 2006 monitoring consisted of one quarterly sampling event. The March quarterly event was conducted on March 14 and 15, 2006 and consisted of the following tasks:

- Nine observation monitoring wells (OW series) were sampled for laboratory analysis.
- Groundwater elevations and field water quality data were collected prior to sampling.
- One duplicate sample was collected at well OW-2S to assess field sampling and analytical quality control.
- Groundwater elevation data collected from pressure transducers at 17 CMP wells monthly during the reporting period

The sampling methods, procedures, field documentation of the CMP sampling, water level measurements, and field water quality monitoring were performed in accordance with the *Sampling, Analysis, and Field Procedures Manual* (CH2M HILL 2005b).

CMP groundwater samples were analyzed by Truesdail Laboratories, Inc., a State of California-certified analytical laboratory in Tustin, California, and EMAX Laboratories, Inc, a State of California-certified analytical laboratory in Torrance, California. Analytical methods, sample volumes and containers, sample preservation, and quality control sample requirements are in accordance with the *Sampling, Analysis, and Field Procedures Manual* (CH2M HILL 2005b). Data validation and management were conducted in accordance with the *Quality Assurance Project Plan* provided as Appendix D of the *Sampling, Analysis, and Field Procedures Manual*.

This section summarizes the results of the CMP groundwater sampling completed during the first quarter of 2006. Two wells, CW-1M and CW-1D, were sampled in December but were not included in the Fourth Quarter 2005 Monitoring Report because the data were not received until after the reporting period for that quarter had passed. These data are included in the tables and as a part of this monitoring report. Figure 2 shows the locations of the CMP groundwater wells.

The data presented include results for Cr(VI), Cr(T), metals, TDS, turbidity, silica, and major inorganic cations and anions. Laboratory data quality review, water level measurements, and water quality field parameter data are also presented in this section. The complete laboratory reports and analytical documentation are maintained in the project file and are available upon request. In addition, sample location, sample identification number, sampler name, sample date, sample time, laboratory performing analysis, analysis method, analysis date, and laboratory technician are also documented in the same project file.

3.1 Analytical Results

Analytical results for Cr(VI) and Cr(T), other metals, and other inorganic parameters are presented in Tables 2, 3 and 4, respectively, and are discussed below. Based on sampling events performed in early 2005 during design and construction of the injection well field, baseline water quality values were developed for the injection area. These values were summarized in the *Technical Memorandum: Baseline Groundwater Quality for the IM No.3 Injection Area, Topock Compressor Station* (CH2M HILL 2005c). DTSC provided recommended target values and action levels for selected monitoring parameters, to be used until a more robust baseline data set is established (DTSC 2005). Action levels were revised in the addendum to the Compliance Monitoring Plan, which was submitted to DTSC and the Water Board on December 13, 2005 (CH2M HILL 2005d). DTSC's recommended target values and preliminary action levels listed on Tables 2, 3, and 4 will continue to be used pending approval of this addendum to the Compliance Monitoring Plan.

Action levels within the injection area were developed as a tool to assist in determining if and when injection activities had an impact on water quality. Action levels are based on the assumption that any observed change in water quality that exceeds an action level should be the result of injection and not a reflection of background water quality. At this early stage of injection, the data set available to assess the natural variability of ambient water quality conditions is limited, and the actions levels are not considered to be meaningful. Thus, it is necessary to distinguish between analytical results influenced by injection and analytical results that reflect the variability of background water quality conditions. In this monitoring report, an attempt has been made to identify which individual exceedances constitute a true exceedance of an action level and which reflect variability in background conditions that are not the result of injection.

3.1.1 Hexavalent and Total Chromium

Table 2 presents the Cr(VI) and Cr(T) results for groundwater in the shallow depth, mid-depth, and deep wells during the first quarter 2006 CMP quarterly event. For shallow-depth wells, the maximum detected Cr(VI) concentration was 36.5 micrograms per liter (μ g/L) in well OW-2S. For the mid-depth wells, the maximum detected Cr(VI) concentration was 12.8 μ g/L in well OW-5M. For the deep wells, the maximum detected Cr(VI) concentration was 1.3 μ g/L in wells OW-1D. During the first quarter 2006, one sample exceeded the action level of 33 μ g/L. As reported above, the March 2006 sample from well OW-2S had a concentration of 36.5 μ g/L. For this exceedance, the results were not considered reflective of the injection of treated groundwater, as the average concentration of Cr(VI) from the IM No. 3 treatment plant is less than 1 μ g/L (CH2M HILL 2005e). Cr(VI) has been consistently found at OW-2S above the preliminary action levels. In addition, other parameters that would indicate arrival of the injected water at OW-2S (sulfate, TDS) are not observed in samples from this well. The results are thus considered reflective of the variance in background water quality.

For shallow-depth wells, the maximum detected Cr(T) concentration was 39.4 μ g/L in well OW-2S. For the mid-depth wells, the maximum detected Cr(T) concentration was 10.1 μ g/L in well OW-5D. For the deep wells, the maximum detected Cr(T) concentration was 1.4 μ g/L in well OW-1D. During the First Quarter 2006, one sample exceeded the action level of 28 μ g/L. As reported above, the March 2006 sample from well OW-2S had a concentration of 39.4 μ g/L. Consistent with the Cr(VI) levels found in OW-2S samples, this exceedance is considered reflective of the variance in background water quality.

3.1.2 Other Metals

Table 3 presents the other metals and cation results for the CMP groundwater wells sampled during first quarter 2006 quarterly monitoring event. Metals detected in the first quarter 2006 quarterly sampling included beryllium, boron, calcium, molybdenum, potassium, magnesium, sodium, and vanadium. The concentrations detected in the observation wells are all below the preliminary action levels assigned by DTSC.

3.1.3 Other Inorganic Analytes

Table 4 presents the results for other inorganic analytes detected in CMP groundwater wells. For the compliance and observation wells, action levels were established in the July 15, 2005 letter from DTSC (DTSC 2005). With the exception of nitrate/nitrite as nitrogen and fluoride, the detected concentrations are below those established as action levels.

Concentrations of fluoride in observation well OW-1D and OW-2S exceeded the DSTC action level for March 2006 sample dates (3.79 mg/L and 4.38 mg/L, respectively). Values for fluoride in these wells are considered to reflect the natural variability of background water quality. Both of these wells are elevated above the fluoride levels in the treated groundwater. Fluoride levels in the treated groundwater had average values in January 2006 of 1.92 mg/L thru March 2006 of 2.02 mg/L.

Concentrations of nitrate/nitrite as nitrogen exceeded the DTSC action level in all wells except OW-1M and OW-5M. In previous sampling events, nitrate levels had risen dramatically to levels exceeding 7 milligrams per liter (mg/L) and had been noted as being anomalous and potentially the result of matrix interference effects in the laboratory analysis

(CH2M HILL, 2006). It appears that March 2006 nitrate/nitrite as nitrogen concentrations have decreased from the anomalous high values seen in the fourth quarter of 2005 and are close to values seen in the treated injection water. This elevation in nitrate/nitrite concentration is indicative of the arrival of the injection front of treated groundwater from the IM No. 3 treatment facility. Nitrate levels in the treated groundwater had average values in January 2006 of 3.97 mg/L thru March 2006 of 2.79 mg/L.

3.2 Analytical Data Quality Review

The laboratory analytical data generated from the first quarter 2006 quarterly monitoring event was independently reviewed by project chemists to assess data quality and identify deviations from analytical requirements. A detailed discussion of data quality for CMP sampling data is presented in the data validation reports, which are kept in the project file and are available upon request.

3.2.1 Matrix Interference

Matrix interference was encountered in groundwater samples from just one of the wells (OW-02D), which affected the detection sensitivity for Cr(VI) when using Method SW 7199. That sample was reported as non-detect with an elevated reporting limit of 1 part per billion.

3.2.2 Matrix Spike Samples

Matrix spike acceptance criteria were met, with the following exceptions:

- 1. Matrix spike was recovered at levels lower than the lower control limit in CW-01D-006. A 'J' flag was applied.
- 2. No matrix spikes were recovered at levels above the upper control limit.

3.2.3 Quantitation and Sensitivity

All method and analyte combinations met the project reporting limit objectives.

3.2.4 Holding Time Data Qualification

All method holding time requirements were met, except in samples OW-05D-007 and OW-05M-007, which were analyzed for turbidity outside holding time. An 'R' flag and a 'J' flag were applied, respectively.

3.2.5 Field Duplicates

All field duplicate acceptance criteria were met.

3.2.6 Equipment Blanks

Equipment blank acceptance criteria for all methods were met.

3.2.7 Laboratory Duplicates

Laboratory duplicate acceptance criteria for all methods were met.

3.2.8 Additional Data Quality QC

No other issues were noted.

3.2.9 Conclusion

The completeness objectives were met for all method and analyte combinations. No significant analytical deficiencies were identified in the first quarter 2006 data. With minor exceptions, the analyses and data quality meet the Quality Assurance Project Plan and laboratory method quality control acceptance criteria. Overall, the analytical data are considered acceptable for the purpose of the CMP.

3.3 Water Level Measurements

Table 5 presents the manual water level measurements and groundwater elevations for the first quarter 2006 quarterly event.

As a requirement of the conditional approval by DTSC (DTSC 2005), transducer water level measurements were used to produce hydrographs for each well cluster. Figures 3 to 9 present hydrographs that characterize the vertical gradient and hydraulic response to injection over time at the observation and compliance monitoring wells.

Average water level contour maps for shallow depth, mid-depth, and deep wells are also provided as Figures 10 to 18. Water levels near the injection well are sensitive to the rate of injection, as can be seen from a cursory inspection of the hydrographs. Water levels used to produce the monthly average groundwater elevation contour plots were taken from a select number of days in which the levels remained reasonably constant. These dates are noted on each figure.

3.4 Field Parameter Data

A field parameter meter and flow-through cell were used to measure water quality parameters during well purging and groundwater sampling. The measured field parameters included specific conductance, temperature, pH, oxidation-reduction potential, dissolved oxygen, turbidity and salinity. Table 6 summarizes the field water quality data measured during the first quarter 2006 quarterly event. Field data sheets and chain of custody documentation for each event are presented in Appendix A.

3.5 WDR Monitoring Requirements

Table 7 identifies the laboratory that performed each analysis and lists the following information as required by the WDR:

- Sample location
- Sample identification number
- Sampler name
- Sample date
- Sample time

- Laboratory performing analysis Analysis method Analysis date •
- •
- •
- Laboratory technician •

4.1 Quarterly Monitoring

A quarterly monitoring event will take place during the second quarter of 2006. This event will implement the sampling and analysis scope that was presented in the June 17, 2005 Compliance Monitoring Plan. The groundwater monitoring report for the second quarter CMP monitoring event will be submitted by July 15, 2006.

4.2 Semiannual Monitoring 2006

The next semiannual monitoring event will occur during June 2006. This CMP monitoring event, which will include the OW and CW wells, will implement the sampling and analysis scope presented in the June 17, 2005 Compliance Monitoring Plan.

California Department of Toxic Substances Control (DTSC). 2005. Letter to PG&E. "Conditional Approval for the Start Up and Operation of the Interim Measures No. 3 Treatment System and Injection Wells, Pacific Gas & Electric Company, Topock Compressor Station." July 15.

CH2M HILL. 2005a. Groundwater Compliance Monitoring Plan for Interim Measure No. 3 Injection Area, Topock Compressor Station, Needles, California. June 17.

2005b. Sampling, Analysis, and Field Procedures Manual, Revision 1, PG&E Topock Compressor Station, Needles, California. March 31.

<u>2005</u>c. *Technical Memorandum: Baseline Groundwater Quality for the IM No.3* Injection Area, Topock Compressor Station. June 10.

______ 2005d. Addendum to the Compliance Monitoring Plan for the IM No.3 Injection Area, Topock Compressor Station. December 13.

<u>2005</u>e. November 2005 Monthly Report, Interim Measures No. 3 Groundwater Treatment System, Waster Discharge Requirements Order No. R7-2004-0103, Topock Compressor Station. December 15.

<u>2006</u>. *Compliance Monitoring Program Groundwater Monitoring Report, Fourth Quarter 2005, Waster Discharge Requirements Order No. R7-2004-0103, Topock Compressor Station. January 13.*

SECTION 6 Certification

PG&E submitted a signature delegation letter to the CRBRWQCB on August 12, 2005. The letter delegated PG&E signature authority to Mr. Curt Russell and Ms. Yvonne Meeks for correspondence regarding Board Order R7-2004-0103.

Certification Statement:

I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Signature: Monne Mick
Name: Tronne Meets
Company: Pacific Gas and Electric Company
Title: Sc. Environmental (neologist
Date: 4/14/06

Tables

Well Construction and Sampling Summary for Groundwater Samples, First Quarter 2006

PG&E Topock Compliance Monitoring Program

Well ID	Site Area	Measuring Point Elevation (ft AMSL)	Screen Interval (ft bgs)	Well Casing (inches)	Well Depth (ft btoc)	Depth to Water (ft btoc)	Sampling System	Typical Purge Rate (gpm)	Typical Purge Volume (gallons)	Pump Depth (ft bgs)	Transducer Installed	Remarks
IM Complian	ce Wells											
CW-01M	East Mesa	566.07	140 - 190	2 (PVC)	191.0	110.5	Dedi Redi-Flo A	R 2	42	165	Active	
CW-01D	East Mesa	566.46	250 - 300	2 (PVC)	322.0	111.0	Dedi Redi-Flo A	R 3	110	180	Active	
CW-02M	East Mesa	549.45	155 - 205	2 (PVC)	202.0	93.7	Dedi Redi-Flo A	R 2	55	195	Active	
CW-02D	East Mesa	549.43	285 - 335	2 (PVC)	355.0	93.7	Dedi Redi-Flo A	R 3	140	159	Active	
CW-03M	East Mesa	534.10	172 - 222	2 (PVC)	224.0	78.7	Dedi Redi-Flo A	R 2	75	180	Active	
CW-03D	East Mesa	534.14	270 - 320	2 (PVC)	342.0	78.7	Dedi Redi-Flo A	R 3	140	143	Active	
CW-04M	East Mesa	518.55	119 - 169	2 (PVC)	171.0	62.6	Dedi Redi-Flo A	R 2	60	160	Active	
CW-04D	East Mesa	518.55	233 - 283	2 (PVC)	305.0	62.8	Dedi Redi-Flo A	R 3	120	134	Active	
IM Observation	on Wells											
OW-01S	East Mesa	550.15	83 - 113	2 (PVC)	114.0	94.1	Temp Redi-Flo A	٨R	10	100	Active	
OW-01M	East Mesa	550.36	165 - 185	2 (PVC)	189.0	93.9	Temp Redi-Flo A	AR 2	54	109.6	Active	
OW-01D	East Mesa	550.36	257 - 277	2 (PVC)	281.0	93.6	Temp Redi-Flo A	AR 3	100	111.4	Active	
OW-02S	East Mesa	548.75	71 - 101	2 (PVC)	121.0	92.8	Temp Redi-Flo A	AR 2	15	100	Active	
OW-02M	East Mesa	548.52	190 - 210	2 (PVC)	211.0	92.4	Temp Redi-Flo A	AR 3	60	111.4	Active	
OW-02D	East Mesa	549.01	310 - 330	2 (PVC)	342.0	92.5	Temp Redi-Flo A	AR 3	120	110.3	Active	
OW-03S	West Mesa	558.58	86 - 116	2 (PVC)	118.0	102.3	Temp Redi-Flo A	AR 2	30	119.3	Uncalibrated	
OW-03M	West Mesa	558.90	180 - 200	2 (PVC)	202.0	102.6	Temp Redi-Flo A	AR 3	54	119.6	Uncalibrated	
OW-03D	West Mesa	558.63	242 - 262	2 (PVC)	274.0	102.4	Temp Redi-Flo A	AR 3	90	77.7	Uncalibrated	
OW-05S	East Mesa	551.75	70 - 110	2 (PVC)	113.0	95.8	Temp Redi-Flo A	AR 1	9	100	Active	
OW-05M	East Mesa	551.75	210 - 250	2 (PVC)	254.0	96.0	Temp Redi-Flo A	AR 3	80	112.5	Active	
OW-05D	East Mesa	552.35	300 - 320	2 (PVC)	352.0	96.5	Temp Redi-Flo A	AR 3	135	113.2	Active	

Notes:

Depth to water shown is the most recently measured depth to water. Well depth, screen interval and water level depths rounded-off to whole-foot values.

BGS = below ground surface AMSL = above mean sea level BTOC = below top of polyvinyl chloride (PVC) casing Redi-Flo AR = adjustable-rate electric submersible pump

All CMP wells are purged and sampled using well-volume method.

TABLE 2 Chromium Results for Groundwater Samples, First Quarter 2006 PG&E Topock Compliance Monitoring Program

	Action	n Level ¹	33	28	
	N	lethod	SW7199	SW6020A	
Location ID	Sample Date		Hexavalent Chromium	Chromium	
CW-01M	12/19/2005	(FD)	17.1	16.9	
CW-01M	12/19/2005		17.2	17.4	
CW-01D	12/19/2005		1.10 J	ND (1.0)	
OW-01S	3/15/2006		18.8	16.9	
OW-01M	3/14/2006		1.60	ND (1.0)	
OW-01D	3/14/2006		1.30	1.10	
OW-02S	3/15/2006		36.5	39.4	
OW-02S	3/15/2006	(FD)	36.4	39.2	
OW-02M	3/14/2006		7.70	6.50	
OW-02D	3/14/2006		ND (1.0)	ND (1.0)	
OW-05S	3/15/2006		25.3	26.7	
OW-05M	3/15/2006		12.8	10.1	
OW-05D	3/15/2006		1.10	1.40	

NOTES:

FD = field duplicate

ND = parameter not detected at the listed reporting limit

J = concentration or reporting limits estimated by laboratory or validation

Chromium results reported in micrograms per liter (µg/L)

Specific Conductance reported in microSiemens per centimeter (umhos/cm)

pH = pHunits

¹ When selecting a course of action under the contigency plan, the action levels specified in this table should be used cautiously until a more robust baseline data set is established.

TABLE 3 Metals Results for Groundwater Samples, First Quarter 2006 PG&E Topock Compliance Monitoring Program

	Action Level ¹	52	ND (5) ^a	4.8 ^a	120	ND (3) ^a	ND (3) a	ND (3) a	11	3	580	ND (0.2) ^a	89	20	17 ^a	20 ^a	ND (15) ^a	a 120	80	1.8	NE	NE	0.41	35 ^a	29 ^a	3000 ^a
	Method								Filtere	d SW6000/7	000 series in	µg/L											SW6010B i	n mg/L		
Location ID	Sample Date	Aluminium	Antimony	Arsenic	: Barium	Beryllium	Cadmium	Cobalt	Copper	Lead N	langanese	Mercury	Molybdenun	n Nickel	Selenium	Silver	Thallium \	/anadium	Zinc	Boron	Calcium	Iron ²	Iron Po	otassium	Magnesiun	n Sodium
CW-01M	12/19/2005(FD)	ND (52)	ND (3.0)	ND (5.0)	ND (300)	ND (1.0)	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	18.4	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	13.5	ND (20)	1.02	96.4		ND (0.3)	15.7	7.17	818
CW-01M	12/19/2005	ND (52)	ND (3.0)	ND (5.0)	ND (300)	ND (1.0)	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	18.1	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	12.9	ND (20)	1.07	97.8		ND (0.3)	16.3	7.29	837
CW-01D	12/19/2005	ND (52)	ND (3.0)	ND (5.0)	ND (300)	ND (1.0)	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	27.9	ND (20)	5.20	ND (5.0)	ND (1.0)	12.2	29.1	1.42	278		ND (0.3)	27.1	19.5	1470
OW-01S	3/15/2006	ND (52)	ND (3.0)	ND (5.0)	ND (300)	ND (1.0)	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	5.50	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	6.40	ND (20)	0.311	79.5		ND (0.3)	10.7	15.3	181
OW-01M	3/14/2006	ND (52)	ND (3.0)	ND (5.0)	ND (300)	1.20	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	8.10	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	19.3	ND (20)	1.26	156		ND (0.3)	18.2	10.9	765
OW-01D	3/14/2006	ND (52)	ND (3.0)	ND (5.0)	ND (300)	1.10	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	16.0	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	27.7	ND (20)	1.27	108		ND (0.3)	18.4	7.57	796
OW-02S	3/15/2006	ND (52)	ND (3.0)	ND (5.0)	ND (300)	ND (1.0)	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	31.3	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	6.70	ND (20)	0.813	43.2		ND (0.3)	9.32	5.54	226
OW-02S	3/15/2006 (FD)	ND (52)	ND (3.0)	ND (5.0)	ND (300)	ND (1.0)	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	28.6	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	6.90	ND (20)	0.769	37.0		ND (0.3)	8.73	5.06	194
OW-02M	3/14/2006	ND (52)	ND (3.0)	ND (5.0)	ND (300)	1.10	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	8.10	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	15.8	ND (20)	1.30	181		ND (0.3)	23.3	14.6	818
OW-02D	3/14/2006	ND (52)	ND (3.0)	ND (5.0)	ND (300)	1.30	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	8.20	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	12.6	ND (20)	1.28	194		ND (0.3)	23.7	16.8	863
OW-05S	3/15/2006	ND (52)	ND (3.0)	ND (5.0)	ND (300)	ND (1.0)	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	14.2	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	ND (5.0)	ND (20)	0.447	52.8		ND (0.3)	8.68	8.53	150
OW-05M	3/15/2006	ND (52)	ND (3.0)	ND (5.0)	ND (300)	ND (1.0)	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	20.1	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	13.9	ND (20)	1.38	200		ND (0.3)	24.3	11.5	1170
OW-05D	3/15/2006	ND (52)	ND (3.0)	ND (5.0)	ND (300)	1.40	ND (2.0)	ND (5.0)	ND (10)	ND (2.0)	ND (500)	ND (0.2)	20.7	ND (20)	ND (5.0)	ND (5.0)	ND (1.0)	13.7	ND (20)	1.40	93.9		ND (0.3)	18.1	4.80	861

NOTES:

¹ When selecting a course of action under the contigency plan, the action levels specified in this table should be used cautiously untill a more robust baseline data set is established.

² Unfiltered Iron

a Reference concentration

NE = not established

FD = field duplicate

ND = parameter not detected at the listed reporting limit J = concentration or reporting limits estimated by laboratory or validation

(---) = not sampled

mg/L = milligrams per liter

 $\mu g/L = micrograms per liter$

California MCL - Primary california MCL from California Safe Drinking Water standards, CAPHs, update 2002

Other Inorganic Results for Groundwater Samples, First Quarter 2006 PG&E Topock Compliance Monitoring Program

	Action Level ¹	NE	8.62	10800	NE	5100 ^a	3.6	570	3.2	NE	NE	NE	0.5	NE
	Method	E120.1	E150.1	E160.1	E180.1	E300.0	E300.0	E300.0	E353.3	E310.1	E310.1	E310.1	E350.2	E370.1
Location ID	Sample Date	Specific Conductance	рН	Total Dissolved Solids	Turbidity	Chloride	Fluoride	Sulfate	Nitrate/Nitrite as Nitrogen	Alkalinity, bicarb as CaCo3	Alkalinity as carbonate	Alkalinity, total as CaCo3	Ammonia as Nitrogen	Soluble Silica
CW-01M	12/19/2005(FD)	5790	7.83	3340	ND (1.0)	1550	2.43	299	0.995	55.9	ND (5.0)	55.9	ND (0.5)	17.0
CW-01M	12/19/2005	5810	7.92	3270	ND (1.0)	1550	2.45	295	0.946	51.1	ND (5.0)	51.1	ND (0.5)	17.3
CW-01D	12/19/2005	10700	7.51	6300	1.10	3190	1.50	403	1.22	31.6	ND (5.0)	31.6	ND (0.5)	17.0
OW-01S	3/15/2006	2220	7.79	1490	29.9	571	2.17	130	3.28	74.5	ND (5.0)	74.5	ND (0.5)	
OW-01M	3/14/2006	6710	7.78	4390	ND (1.0)	1910	1.73	498	3.18	69.5	ND (5.0)	69.5	ND (0.5)	
OW-01D	3/14/2006	6750	8.15	4350	2.19	1890	3.79	491	3.44	57.1	ND (5.0)	57.1	ND (0.5)	
OW-02S	3/15/2006	1750	7.87	1090	ND (1.0)	385	4.38	131	3.31	107	ND (5.0)	107	ND (0.5)	
OW-02S	3/15/2006 (FD)	1760	7.92	1070	1.22	403	4.17	134	3.48	102	ND (5.0)	102	ND (0.5)	
OW-02M	3/14/2006	6920	7.80	4560	1.29	1990	1.83	519	3.24	67.0	ND (5.0)	67.0	ND (0.5)	
OW-02D	3/14/2006	6700	7.86	4420	ND (1.0)	1930	1.71	506	3.28	76.9	ND (5.0)	76.9	ND (0.5)	
OW-05S	3/15/2006	1660	8.14	1010	1.13	371	2.25	112	3.43	89.3	ND (5.0)	89.3	ND (0.5)	
OW-05M	3/15/2006	8600	7.78	5600	1.30 J	2600	1.35	455	1.15	39.7	ND (5.0)	39.7	ND (0.5)	
OW-05D	3/15/2006	6930	7.81	4440	1.00 R	1970	1.49	510	3.23	49.6	ND (5.0)	49.6	ND (0.5)	

NOTES:

(---) = not sampled NE = not established

ND = parameter not detected at the listed reporting limit

J = concentration or reporting limits estimated by laboratory or validation

R = rejected

All results reported in milligrams per liter (mg/L) except the following: Specific Conductance = microSiemens per centimeter (umhos/cm) pH = PHUnits Turbidity = Nephelometric Turbidity Unit (NTU)

1 When selecting a course of action under the contigency plan, the action levels specified in this table should be used cautiously untill a more robust baseline data set is established.

^a Reference concentration

Table 5

Manual Water Level Measurements and Elevations, December 2005 through March 2006 *PG&E Topock Compliance Monitoring Program*

Location ID	Well M Depth (feet BTOC)	leasuring Poin Elevation (feet AMSL)	it Monito Date &	oring Time	Water Level Measurement (feet BTOC)	Salinity (percent)	Groundwater/Water Elevation Adjusted for Salinity (feet AMSL)
CW-01M	191	566.07	19-Dec-05	12:27 PM	110.48	0.36	455.47
CW-01D	322	566.46	19-Dec-05	11:39 AM	111.00	0.80	455.79
OW-01S	114	550.15	15-Mar-06	1:04 PM	94.10	0.15	456.01
OW-01M	189	550.36	13-Mar-06	12:18 PM	93.90	0.40	456.36
OW-01D	281	550.36	14-Mar-06	8:50 AM	93.55	0.48	456.72
OW-02S	121	548.75	15-Mar-06	12:02 PM	92.79	0.12	455.87
OW-02M	211	548.52	14-Mar-06	1:15 PM	92.38	0.42	456.14
OW-02D	342	549.01	14-Mar-06	2:33 PM	92.50	0.52	456.47
OW-05S	113	551.75	15-Mar-06	8:32 AM	95.80	0.11	455.89
OW-05M	254	551.75	15-Mar-06	8:28 AM	96.00	0.57	455.77
OW-05D	352	552.35	15-Mar-06	8:23 AM	96.50	0.51	455.62

NOTES:

AMSL above mean sea level

BTOC below top of polyvinyl chloride (PVC) casing

(---) data not collected or available.

Well depths rounded off to whole foot.

Table 6

Field Parameter Measurements for Groundwater Samples, First Quarter 2006 PG&E Topock Comprliance Monitoring Program

Location ID	Sampling Date	Specific Conductance (µS/cm)	Temperature (°C)	pH (pH units)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity NTU	Salinity %
CW-01M	12/19/2005		29.67	7.54		7.98	0.83	
CW-01D	12/19/2005		30.38	7.22		7.34	1.21	
OW-01S	3/15/2006	2390	28.54	7.89	202	5.5	10	0.12
OW-01M	3/13/2006	7610	29.18	8.25	15	5.4	2.68	0.42
OW-01D	3/14/2006	7620	30.29	8.46	24	4.69	7.27	0.42
OW-02S	3/15/2006	1870	28.39	7.97	83	7.19	6	0.09
OW-02M	3/14/2006	7630	27.85	8.2	3	5.47	3.81	0.42
OW-02D	3/14/2006	7550	27.44	8.31	-1	5.55	14	0.41
OW-05S	3/15/2006	1840	27.56	7.96	147	7.04	21.6	0.09
OW-05M	3/15/2006	9080	28.17	8.07	-16	1.6	4.38	0.5
OW-05D	3/15/2006	7380	27.87	8.3		6.08	2.5	0.4

NOTES:

µS/cm microSiemens per centimeter

°C degree centigrade

oxidation reduction potential ORP

millivolts mV

milligrams per liter Nephelometric Turbidity Unit mg/L NTU

percentage %

(---) data not collected, not available, or rejected

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
CW-01D	CW-01D-006	Bob Trebble	12/19/2005	12:20:00 PM	EMXT	EPA 120.1	SC	12/22/2005	Jin Liu
					EMXT	EPA 150.1	PH	12/21/2005	Jin Liu
					EMXT	EPA 160.1	TDS	12/21/2005	Gigi Ng
					EMXT	EPA 180.1	TRB	12/20/2005	Romy Maragisan
					EMXT	EPA 300.0	CL	12/23/2005	Cherry Dam
					EMXT	EPA 300.0	FL	12/21/2005	Cherry Dam
					EMXT	EPA 300.0	SO4	12/23/2005	Cherry Dam
					EMXT	EPA 310.1	ALKC	12/21/2005	Jin Liu
					EMXT	EPA 310.1	ALKT	12/21/2005	Jin Liu
					EMXT	EPA 310.1	ALKB	12/21/2005	Jin Liu
					EMXT	EPA 350.2	NH3N	12/27/2005	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	12/29/2005	Gigi Ng
					EMXT	EPA 370.1	SILC	12/27/2005	Lucy Arcibal
					TLI	EPA 6010B	BD	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	MGD	12/22/2005	Riddhi Patel
					TLI	EPA 6010B	ZND	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	NID	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	NAD	12/22/2005	Riddhi Patel
					TLI	EPA 6010B	MND	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	KD	12/22/2005	Riddhi Patel
					TLI	EPA 6010B	FED	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	CAD	12/22/2005	Riddhi Patel
					TLI	EPA 6010B	BAD	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	ALD	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	CRTD	12/27/2005	Riddhi Patel
					TLI	EPA 7470A	HGD	12/23/2005	Jorge Arriaga
					TLI	SW 6020A	PBD	12/20/2005	Victoria Than
					TLI	SW 6020A	BED	12/20/2005	Victoria Than
					TLI	SW 6020A	VD	12/20/2005	Victoria Than
					TLI	SW 6020A	TLD	12/20/2005	Victoria Than
					TLI	SW 6020A	SED	12/20/2005	Victoria Than
					TLI	SW 6020A	SBD	12/20/2005	Victoria Than
					TLI	SW 6020A	CUD	12/20/2005	Victoria Than
					TLI	SW 6020A	AGD	12/20/2005	Victoria Than
					TLI	SW 6020A	CDD	12/20/2005	Victoria Than
					TLI	SW 6020A	COBD	12/20/2005	Victoria Than
					TLI	SW 6020A	ASD	12/20/2005	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
CW-01D	CW-01D-006	Bob Trebble	12/19/2005	12:20:00 PM	TLI	SW 6020A	MOD	12/20/2005	Victoria Than
-				-	TLI	SW 7199	CR6	12/20/2005	Jorge Arriaga
CW-01M	CW-01M-006	Bob Trebble	12/19/2005	12:50:00 PM	EMXT	EPA 120.1	SC	12/22/2005	Jin Liu
			_,		EMXT	EPA 150.1	PH	12/21/2005	Jin Liu
					EMXT	EPA 160.1	TDS	12/21/2005	Gigi Na
					EMXT	EPA 180.1	TRB	12/20/2005	Romy Maragisan
					EMXT	EPA 300.0	FL	12/21/2005	Cherry Dam
					EMXT	EPA 300.0	SO4	12/23/2005	Cherry Dam
					EMXT	EPA 300.0	CL	12/23/2005	Cherry Dam
					EMXT	EPA 310.1	ALKC	12/21/2005	Jin Liu
					EMXT	EPA 310.1	ALKT	12/21/2005	Jin Liu
					EMXT	EPA 310.1	ALKB	12/21/2005	Jin Liu
					EMXT	EPA 350.2	NH3N	12/27/2005	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	12/29/2005	Gigi Ng
					EMXT	EPA 370.1	SILC	12/27/2005	Lucy Arcibal
					TLI	EPA 6010B	BAD	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	MGD	12/22/2005	Riddhi Patel
					TLI	EPA 6010B	ZND	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	NID	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	NAD	12/22/2005	Riddhi Patel
					TLI	EPA 6010B	MND	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	FED	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	CRTD	12/27/2005	Riddhi Patel
					TLI	EPA 6010B	ALD	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	BD	12/28/2005	Riddhi Patel
					TLI	EPA 6010B	CAD	12/22/2005	Riddhi Patel
					TLI	EPA 6010B	KD	12/22/2005	Riddhi Patel
					TLI	EPA 7470A	HGD	12/23/2005	Jorge Arriaga
					TLI	SW 6020A	COBD	12/20/2005	Victoria Than
					TLI	SW 6020A	VD	12/20/2005	Victoria Than
					TLI	SW 6020A	TLD	12/20/2005	Victoria Than
					TLI	SW 6020A	SED	12/20/2005	Victoria Than
					TLI	SW 6020A	SBD	12/20/2005	Victoria Than
					TLI	SW 6020A	PBD	12/20/2005	Victoria Than
					TLI	SW 6020A	CUD	12/20/2005	Victoria Than
					TLI	SW 6020A	CDD	12/20/2005	Victoria Than
					TLI	SW 6020A	BED	12/20/2005	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
CW-01M	CW-01M-006	Bob Trebble	12/19/2005	12:50:00 PM	TLI	SW 6020A	ASD	12/20/2005	Victoria Than
					TLI	SW 6020A	AGD	12/20/2005	Victoria Than
					TLI	SW 6020A	MOD	12/20/2005	Victoria Than
					TLI	SW 7199	CR6	12/20/2005	Jorge Arriaga
OW-01D	OW-01D-007	Allan Erickson	3/14/2006	12:12:00 PM	EMXT	EPA 120.1	SC	3/17/2006	Jin Liu
					EMXT	EPA 150.1	PH	3/15/2006	Jin Liu
					EMXT	EPA 160.1	TDS	3/21/2006	Gigi Ng
					EMXT	EPA 180.1	TRB	3/16/2006	Romy Maragisan
					EMXT	EPA 300.0	CL	3/29/2006	Cherry Dam
					EMXT	EPA 300.0	SO4	3/29/2006	Cherry Dam
					EMXT	EPA 300.0	FL	3/27/2006	Cherry Dam
					EMXT	EPA 310.1	ALKB	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKC	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKT	3/20/2006	Jin Liu
					EMXT	EPA 350.2	NH3N	3/23/2006	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	3/24/2006	Gigi Ng
					TLI	EPA 6010B	FED	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ZND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NID	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	MND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	KD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	CRTD	3/15/2006	Riddhi Patel
					TLI	EPA 6010B	CAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	BD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BAD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ALD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MGD	3/21/2006	Riddhi Patel
					TLI	EPA 7470A	HGD	3/22/2006	Aksiniya Dimitrova
					TLI	SW 6020A	ASD	3/22/2006	Victoria Than
					TLI	SW 6020A	PBD	3/22/2006	Victoria Than
					TLI	SW 6020A	VD	3/22/2006	Victoria Than
					TLI	SW 6020A	TLD	3/22/2006	Victoria Than
					TLI	SW 6020A	SED	3/22/2006	Victoria Than
					TLI	SW 6020A	SBD	3/22/2006	Victoria Than
					TLI	SW 6020A	CUD	3/22/2006	Victoria Than
					TLI	SW 6020A	COBD	3/22/2006	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
OW-01D	OW-01D-007	Allan Erickson	3/14/2006	12:12:00 PM	TLI	SW 6020A	AGD	3/22/2006	Victoria Than
					TLI	SW 6020A	BED	3/23/2006	Victoria Than
					TLI	SW 6020A	CDD	3/22/2006	Victoria Than
					TLI	SW 6020A	MOD	3/22/2006	Victoria Than
					TLI	SW 7199	CR6	3/14/2006	Jorge Arriaga
OW-01M	OW-01M-007	Allan Erickson	3/14/2006	12:50:00 PM	EMXT	EPA 120.1	SC	3/17/2006	Jin Liu
					EMXT	EPA 150.1	PH	3/15/2006	Jin Liu
					EMXT	EPA 160.1	TDS	3/21/2006	Gigi Ng
					EMXT	EPA 180.1	TRB	3/16/2006	Romy Maragisan
					EMXT	EPA 300.0	CL	3/29/2006	Cherry Dam
					EMXT	EPA 300.0	FL	3/27/2006	Cherry Dam
					EMXT	EPA 300.0	SO4	3/29/2006	Cherry Dam
					EMXT	EPA 310.1	ALKB	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKC	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKT	3/20/2006	Jin Liu
					EMXT	EPA 350.2	NH3N	3/23/2006	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	3/24/2006	Gigi Ng
					TLI	EPA 6010B	KD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	ZND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NID	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	MND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	FED	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	CRTD	3/15/2006	Riddhi Patel
					TLI	EPA 6010B	CAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	BD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BAD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ALD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MGD	3/21/2006	Riddhi Patel
					TLI	EPA 7470A	HGD	3/22/2006	Aksiniya Dimitrova
					TLI	SW 6020A	COBD	3/22/2006	Victoria Than
					TLI	SW 6020A	VD	3/22/2006	Victoria Than
					TLI	SW 6020A	TLD	3/22/2006	Victoria Than
					TLI	SW 6020A	SED	3/22/2006	Victoria Than
					TLI	SW 6020A	SBD	3/22/2006	Victoria Than
					TLI	SW 6020A	PBD	3/22/2006	Victoria Than
					TLI	SW 6020A	CUD	3/22/2006	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
OW-01M	OW-01M-007	Allan Erickson	3/14/2006	12:50:00 PM	TLI	SW 6020A	CDD	3/22/2006	Victoria Than
					TLI	SW 6020A	BED	3/23/2006	Victoria Than
					TLI	SW 6020A	ASD	3/22/2006	Victoria Than
					TLI	SW 6020A	AGD	3/22/2006	Victoria Than
					TLI	SW 6020A	MOD	3/22/2006	Victoria Than
					TLI	SW 7199	CR6	3/14/2006	Jorge Arriaga
OW-01S	OW-01S-007	Allan Erickson	3/15/2006	2:06:00 PM	EMXT	EPA 120.1	SC	3/23/2006	Jin Liu
					EMXT	EPA 150.1	PH	3/16/2006	Jin Liu
					EMXT	EPA 160.1	TDS	3/21/2006	Gigi Ng
					EMXT	EPA 180.1	TRB	3/17/2006	Romy Maragisan
					EMXT	EPA 300.0	FL	3/24/2006	Cherry Dam
					EMXT	EPA 300.0	CL	3/28/2006	Cherry Dam
					EMXT	EPA 300.0	SO4	3/28/2006	Cherry Dam
					EMXT	EPA 310.1	ALKC	3/21/2006	Jin Liu
					EMXT	EPA 310.1	ALKT	3/21/2006	Jin Liu
					EMXT	EPA 310.1	ALKB	3/21/2006	Jin Liu
					EMXT	EPA 350.2	NH3N	3/23/2006	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	3/24/2006	Gigi Ng
					TLI	EPA 6010B	FED	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ZND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NID	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	MND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	KD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	CRTD	3/20/2006	Riddhi Patel
					TLI	EPA 6010B	CAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	BD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BAD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ALD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MGD	3/21/2006	Riddhi Patel
					TLI	EPA 7470A	HGD	3/22/2006	Aksiniya Dimitrova
					TLI	SW 6020A	COBD	3/22/2006	Victoria Than
					TLI	SW 6020A	TLD	3/22/2006	Victoria Than
					TLI	SW 6020A	SED	3/22/2006	Victoria Than
					TLI	SW 6020A	SBD	3/22/2006	Victoria Than
					TLI	SW 6020A	PBD	3/22/2006	Victoria Than
					TLI	SW 6020A	VD	3/22/2006	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
OW-01S	OW-01S-007	Allan Erickson	3/15/2006	2:06:00 PM	TLI	SW 6020A	CDD	3/22/2006	Victoria Than
					TLI	SW 6020A	BED	3/23/2006	Victoria Than
					TLI	SW 6020A	ASD	3/22/2006	Victoria Than
					TLI	SW 6020A	AGD	3/22/2006	Victoria Than
					TLI	SW 6020A	MOD	3/22/2006	Victoria Than
					TLI	SW 6020A	CUD	3/22/2006	Victoria Than
					TLI	SW 7199	CR6	3/16/2006	Vanno Kho
OW-02D	OW-02D-007	Allan Erickson	3/14/2006	3:10:00 PM	EMXT	EPA 120.1	SC	3/17/2006	Jin Liu
					EMXT	EPA 150.1	PH	3/15/2006	Jin Liu
					EMXT	EPA 160.1	TDS	3/21/2006	Gigi Ng
					EMXT	EPA 180.1	TRB	3/16/2006	Romy Maragisan
					EMXT	EPA 300.0	CL	3/29/2006	Cherry Dam
					EMXT	EPA 300.0	FL	3/27/2006	Cherry Dam
					EMXT	EPA 300.0	SO4	3/29/2006	Cherry Dam
					EMXT	EPA 310.1	ALKB	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKC	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKT	3/20/2006	Jin Liu
					EMXT	EPA 350.2	NH3N	3/23/2006	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	3/24/2006	Gigi Ng
					TLI	EPA 6010B	KD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	ALD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BAD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	CAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	FED	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MGD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	MND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	NID	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ZND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	CRTD	3/15/2006	Riddhi Patel
					TLI	EPA 7470A	HGD	3/22/2006	Aksiniya Dimitrova
					TLI	SW 6020A	COBD	3/22/2006	Victoria Than
					TLI	SW 6020A	VD	3/22/2006	Victoria Than
					TLI	SW 6020A	TLD	3/22/2006	Victoria Than
					TLI	SW 6020A	SED	3/22/2006	Victoria Than
					TLI	SW 6020A	SBD	3/22/2006	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
OW-02D	OW-02D-007	Allan Erickson	3/14/2006	3:10:00 PM	TLI	SW 6020A	PBD	3/22/2006	Victoria Than
					TLI	SW 6020A	CUD	3/22/2006	Victoria Than
					TLI	SW 6020A	CDD	3/22/2006	Victoria Than
					TLI	SW 6020A	BED	3/23/2006	Victoria Than
					TLI	SW 6020A	ASD	3/22/2006	Victoria Than
					TLI	SW 6020A	AGD	3/22/2006	Victoria Than
					TLI	SW 6020A	MOD	3/22/2006	Victoria Than
					TLI	SW 7199	CR6	3/15/2006	Jorge Arriaga
OW-02M	OW-02M-007	Allan Erickson	3/14/2006	1:52:00 PM	EMXT	EPA 120.1	SC	3/17/2006	Jin Liu
					EMXT	EPA 150.1	PH	3/15/2006	Jin Liu
					EMXT	EPA 160.1	TDS	3/21/2006	Gigi Ng
					EMXT	EPA 180.1	TRB	3/16/2006	Romy Maragisan
					EMXT	EPA 300.0	CL	3/29/2006	Cherry Dam
					EMXT	EPA 300.0	FL	3/27/2006	Cherry Dam
					EMXT	EPA 300.0	SO4	3/29/2006	Cherry Dam
					EMXT	EPA 310.1	ALKB	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKC	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKT	3/20/2006	Jin Liu
					EMXT	EPA 350.2	NH3N	3/23/2006	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	3/24/2006	Gigi Ng
					TLI	EPA 6010B	CRTD	3/15/2006	Riddhi Patel
					TLI	EPA 6010B	ZND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NID	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	MND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MGD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	FED	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	CAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	BD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BAD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ALD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	KD	3/21/2006	Riddhi Patel
					TLI	EPA 7470A	HGD	3/22/2006	Aksiniya Dimitrova
					TLI	SW 6020A	PBD	3/22/2006	Victoria Than
					TLI	SW 6020A	MOD	3/22/2006	Victoria Than
					TLI	SW 6020A	VD	3/22/2006	Victoria Than
					TLI	SW 6020A	TLD	3/22/2006	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
OW-02M	OW-02M-007	Allan Erickson	3/14/2006	1:52:00 PM	TLI	SW 6020A	SED	3/22/2006	Victoria Than
					TLI	SW 6020A	AGD	3/22/2006	Victoria Than
					TLI	SW 6020A	COBD	3/22/2006	Victoria Than
					TLI	SW 6020A	SBD	3/22/2006	Victoria Than
					TLI	SW 6020A	CDD	3/22/2006	Victoria Than
					TLI	SW 6020A	BED	3/23/2006	Victoria Than
					TLI	SW 6020A	ASD	3/22/2006	Victoria Than
					TLI	SW 6020A	CUD	3/22/2006	Victoria Than
					TLI	SW 7199	CR6	3/14/2006	Jorge Arriaga
OW-02S	OW-02S-007	Allan Erickson	3/15/2006	12:40:00 PM	EMXT	EPA 120.1	SC	3/23/2006	Jin Liu
					EMXT	EPA 150.1	PH	3/16/2006	Jin Liu
					EMXT	EPA 160.1	TDS	3/21/2006	Gigi Ng
					EMXT	EPA 180.1	TRB	3/17/2006	Romy Maragisan
					EMXT	EPA 300.0	SO4	3/28/2006	Cherry Dam
					EMXT	EPA 300.0	CL	3/28/2006	Cherry Dam
					EMXT	EPA 300.0	FL	3/24/2006	Cherry Dam
					EMXT	EPA 310.1	ALKB	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKC	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKT	3/20/2006	Jin Liu
					EMXT	EPA 350.2	NH3N	3/23/2006	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	3/24/2006	Gigi Ng
					TLI	EPA 6010B	KD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	NID	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	ZND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MGD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	CRTD	3/20/2006	Riddhi Patel
					TLI	EPA 6010B	CAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	BD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BAD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ALD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	FED	3/22/2006	Riddhi Patel
					TLI	EPA 7470A	HGD	3/22/2006	Aksiniya Dimitrova
					TLI	SW 6020A	MOD	3/22/2006	Victoria Than
					TLI	SW 6020A	VD	3/22/2006	Victoria Than
					TLI	SW 6020A	TLD	3/22/2006	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
OW-02S	OW-02S-007	Allan Erickson	3/15/2006	12:40:00 PM	TLI	SW 6020A	SED	3/22/2006	Victoria Than
					TLI	SW 6020A	PBD	3/22/2006	Victoria Than
					TLI	SW 6020A	COBD	3/22/2006	Victoria Than
					TLI	SW 6020A	CDD	3/22/2006	Victoria Than
					TLI	SW 6020A	BED	3/23/2006	Victoria Than
					TLI	SW 6020A	ASD	3/22/2006	Victoria Than
					TLI	SW 6020A	AGD	3/22/2006	Victoria Than
					TLI	SW 6020A	SBD	3/22/2006	Victoria Than
					TLI	SW 6020A	CUD	3/22/2006	Victoria Than
					TLI	SW 7199	CR6	3/16/2006	Vanno Kho
OW-05D	OW-05D-007	Allan Erickson	3/15/2006	9:32:00 AM	EMXT	EPA 120.1	SC	3/23/2006	Jin Liu
					EMXT	EPA 150.1	PH	3/17/2006	Jin Liu
					EMXT	EPA 160.1	TDS	3/21/2006	Gigi Ng
					EMXT	EPA 180.1	TRB	3/24/2006	Romy Maragisan
					EMXT	EPA 300.0	CL	3/28/2006	Cherry Dam
					EMXT	EPA 300.0	FL	3/24/2006	Cherry Dam
					EMXT	EPA 300.0	SO4	3/28/2006	Cherry Dam
					EMXT	EPA 310.1	ALKT	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKC	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKB	3/20/2006	Jin Liu
					EMXT	EPA 350.2	NH3N	3/23/2006	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	3/24/2006	Gigi Ng
					TLI	EPA 6010B	KD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	ZND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NID	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	MGD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	FED	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	CRTD	3/20/2006	Riddhi Patel
					TLI	EPA 6010B	CAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	BD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BAD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ALD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MND	3/22/2006	Riddhi Patel
					TLI	EPA 7470A	HGD	3/22/2006	Aksiniya Dimitrova
					TLI	SW 6020A	MOD	3/22/2006	Victoria Than
					TLI	SW 6020A	PBD	3/22/2006	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
OW-05D	OW-05D-007	Allan Erickson	3/15/2006	9:32:00 AM	TLI	SW 6020A	VD	3/22/2006	Victoria Than
					TLI	SW 6020A	TLD	3/22/2006	Victoria Than
					TLI	SW 6020A	SED	3/22/2006	Victoria Than
					TLI	SW 6020A	AGD	3/22/2006	Victoria Than
					TLI	SW 6020A	COBD	3/22/2006	Victoria Than
					TLI	SW 6020A	SBD	3/22/2006	Victoria Than
					TLI	SW 6020A	CDD	3/22/2006	Victoria Than
					TLI	SW 6020A	BED	3/23/2006	Victoria Than
					TLI	SW 6020A	ASD	3/22/2006	Victoria Than
					TLI	SW 6020A	CUD	3/22/2006	Victoria Than
					TLI	SW 7199	CR6	3/16/2006	Vanno Kho
OW-05M	OW-05M-007	Allan Erickson	3/15/2006	10:15:00 AM	EMXT	EPA 120.1	SC	3/23/2006	Jin Liu
					EMXT	EPA 150.1	PH	3/17/2006	Jin Liu
					EMXT	EPA 160.1	TDS	3/21/2006	Gigi Ng
					EMXT	EPA 180.1	TRB	3/24/2006	Romy Maragisan
					EMXT	EPA 300.0	CL	3/28/2006	Cherry Dam
					EMXT	EPA 300.0	FL	3/24/2006	Cherry Dam
					EMXT	EPA 300.0	SO4	3/28/2006	Cherry Dam
					EMXT	EPA 310.1	ALKB	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKC	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKT	3/20/2006	Jin Liu
					EMXT	EPA 350.2	NH3N	3/23/2006	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	3/24/2006	Gigi Ng
					TLI	EPA 6010B	KD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	NID	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ZND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	MND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MGD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	CRTD	3/20/2006	Riddhi Patel
					TLI	EPA 6010B	CAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	BD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BAD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ALD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	FED	3/22/2006	Riddhi Patel
					TLI	EPA 7470A	HGD	3/22/2006	Aksiniya Dimitrova
					TLI	SW 6020A	MOD	3/22/2006	Victoria Than

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
OW-05M	OW-05M-007	Allan Erickson	3/15/2006	10:15:00 AM	TLI	SW 6020A	VD	3/22/2006	Victoria Than
					TLI	SW 6020A	TLD	3/22/2006	Victoria Than
					TLI	SW 6020A	SED	3/22/2006	Victoria Than
					TLI	SW 6020A	PBD	3/22/2006	Victoria Than
					TLI	SW 6020A	SBD	3/22/2006	Victoria Than
					TLI	SW 6020A	COBD	3/22/2006	Victoria Than
					TLI	SW 6020A	CDD	3/22/2006	Victoria Than
					TLI	SW 6020A	BED	3/23/2006	Victoria Than
					TLI	SW 6020A	ASD	3/22/2006	Victoria Than
					TLI	SW 6020A	AGD	3/22/2006	Victoria Than
					TLI	SW 6020A	CUD	3/22/2006	Victoria Than
					TLI	SW 7199	CR6	3/16/2006	Vanno Kho
OW-05S	OW-05S-007	Allan Erickson	3/15/2006	10:48:00 AM	EMXT	EPA 120.1	SC	3/23/2006	Jin Liu
					EMXT	EPA 150.1	PH	3/16/2006	Jin Liu
					EMXT	EPA 160.1	TDS	3/21/2006	Gigi Ng
					EMXT	EPA 180.1	TRB	3/17/2006	Romy Maragisan
					EMXT	EPA 300.0	CL	3/28/2006	Cherry Dam
					EMXT	EPA 300.0	FL	3/24/2006	Cherry Dam
					EMXT	EPA 300.0	SO4	3/28/2006	Cherry Dam
					EMXT	EPA 310.1	ALKC	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKT	3/20/2006	Jin Liu
					EMXT	EPA 310.1	ALKB	3/20/2006	Jin Liu
					EMXT	EPA 350.2	NH3N	3/23/2006	Jin Liu
					EMXT	EPA 353.3	NO3NO2N	3/24/2006	Gigi Ng
					TLI	EPA 6010B	NID	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ZND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	NAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	MND	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	MGD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	KD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	CRTD	3/20/2006	Riddhi Patel
					TLI	EPA 6010B	CAD	3/21/2006	Riddhi Patel
					TLI	EPA 6010B	BD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	BAD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	ALD	3/22/2006	Riddhi Patel
					TLI	EPA 6010B	FED	3/22/2006	Riddhi Patel
					TLI	EPA 7470A	HGD	3/22/2006	Aksiniya Dimitrova

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
OW-05S	OW-05S-007	Allan Erickson	3/15/2006	10:48:00 AM	TLI	SW 6020A	BED	3/23/2006	Victoria Than
					TLI	SW 6020A	VD	3/22/2006	Victoria Than
					TLI	SW 6020A	TLD	3/22/2006	Victoria Than
					TLI	SW 6020A	SED	3/22/2006	Victoria Than
					TLI	SW 6020A	SBD	3/22/2006	Victoria Than
					TLI	SW 6020A	PBD	3/22/2006	Victoria Than
					TLI	SW 6020A	MOD	3/22/2006	Victoria Than
					TLI	SW 6020A	CUD	3/22/2006	Victoria Than
					TLI	SW 6020A	CDD	3/22/2006	Victoria Than
					TLI	SW 6020A	ASD	3/22/2006	Victoria Than
					TLI	SW 6020A	AGD	3/22/2006	Victoria Than
					TLI	SW 6020A	COBD	3/22/2006	Victoria Than
					TLI	SW 7199	CR6	3/16/2006	Vanno Kho

NOTES:

TLI = Truesdail Laboratories, Inc.

EMXT = Emax Laboratories, Inc.

SC =	specific conductance	MOD =	molybdenum, dissolved
PH =	pH	NID =	nickel, dissolved
TDS =	total dissolved solids	PBD =	lead, dissolved
TRB =	turbidity	HGD =	mercury, dissolved
CRTD =	chromium, dissolved	SED =	selenium, dissolved
CR6 =	hexavalent chromium	TLD =	thallium, dissolved
CL =	chloride	COBD =	cobalt, dissolved
FL =	fluoride	CDD =	cadmium, dissolved
ALD =	aluminum, dissolved	BED =	beryllium, dissolved
BD =	boron, dissolved	AGD =	silver, dissolved
FED =	iron, dissolved	VD =	vanadium, dissolved
MND =	manganese, dissolved	NO3NO2N =	nitrate/nitrite (as N)
ZND =	zinc, dissolved	NH3N =	ammonia (as N)
SBD =	antimony, dissolved	SO4 =	sulfate
ASD =	arsenic, dissolved	SBD =	antimony, dissolved
BAD =	barium, dissolved	ALKB =	alkalinity, bicarb.as CACO3
CUD =	copper, dissolved	ALKC =	alkalinity, as carbonate
MGD =	magnesium, dissolved	ALKT =	alkalinity, total as CACO3
NAD =	sodium, dissolved		
KD =	potassium, dissolved		

CAD = calcium, dissolved

Figures



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Appendix A Field Data Sheets and Chains of Custody, First Quarter 2006