Pacific Gas and Electric Company

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October 13, 2006

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

Subject: Board Order R7-2006-0008
PG&E Topock Compressor Station, Needles, California
Floodplain Reductive Zone In Situ Pilot Test
September 2006 Monitoring Report

Dear Mr. Perdue:

Enclosed is the Board Order R7-2006-0008 September 2006 Monitoring Report for the Pacific Gas and Electric Company (PG&E) Topock Compressor Station, floodplain reductive zone in situ pilot test. This report is being submitted in compliance with the Waste Discharge Requirements (WDRs) issued by the Colorado River Basin Regional Water Quality Control Board (Water Board) under Board Order R7-2006-0008. WDRs under Board Order R7-2006-0008 apply to the floodplain reductive zone in situ pilot test only.

If you have any questions regarding this report, please call me at (805) 546-5243.

Sincerely,

Yvonne Meeks
Topock Project Manager

Enclosures:
Board Order R7-2006-0008 September 2006 Monitoring Report for the Floodplain Reductive Zone In Situ Pilot Test.

cc: José Cortez, Water Board
Liann Chavez, Water Board
Tom Vandenberg, Water Board
Chris Guerre, DTSC (2 copies)

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Pacific Gas and Electric Company

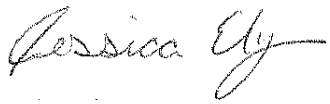
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Waste Discharge Requirements
Order No. R7-2006-0008
PG&E Topock Compressor Station
San Bernardino County, California

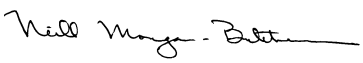
13 October 2006

ARCADIS

This report was prepared under the supervision of a California licensed Professional Engineer (PE)



Jessica Ely
Staff Scientist



Neill Morgan-Butcher, PE
Principal Engineer

Alison Jones, PhD, PE
Senior Project Manager
Principal Engineer

September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Waste Discharge Requirements
Order No. R7-2006-0008
PG&E Topock Compressor Station
San Bernardino County, California

Prepared for:
Pacific Gas and Electric Company

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Our Ref.:
RC000689.0001.00007

Date:
13 October 2006

Table of Contents

EMAX	EMAX Laboratories, Inc.
ISPT	In-Situ Pilot Test
MRP	Monitoring and Reporting Program
Ozark	Ozark Underground Laboratory
PG&E	Pacific Gas and Electric Company
RWQCB	California Regional Water Quality Control Board, Colorado River Basin Region
SAFPM	*Sampling, Analysis, and Field Procedures Manual, PG&E Topock Program, Revision 1*
TOC	Total Organic Carbon
Truesdail	Truesdail Laboratories
USEPA	United States Environmental Protection Agency
Work Plan	*In-Situ Hexavalent Chromium Reduction Plan, Floodplain Reductive Zone Enhancement* (August 2005)
Work Plan Addendum	*Final Addendum to the In-Situ Hexavalent Chromium Reduction Plan, Floodplain Reductive Zone Enhancement* (December 5, 2005)
Work Plan Addendum 2	*Addendum 2 to the In-Situ Hexavalent Chromium Reduction Plan, Floodplain Reductive Zone Enhancement* (April 14, 2006)

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September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Waste Discharge Requirements
Order No. R7-2006-0008
PG&E Topock Compressor Station
San Bernardino County, California

1.0 Introduction

Pacific Gas and Electric (PG&E) is implementing a floodplain reductive zone in-situ pilot test (ISPT) to address chromium concentrations in groundwater at the Topock Compressor Station near Needles, California. The purpose of the floodplain ISPT is to evaluate the efficacy of using a food-grade reagent mixture to reduce hexavalent chromium in groundwater to form stable, insoluble trivalent chromium. The floodplain ISPT consists of injecting the reagent mixture into a well cluster (PTI-1S/M/D) and monitoring the results in six three-level well nests (PT-1 through PT-6). Figure 1 provides a map of the PG&E Topock Compressor Station and ISPT area. (All figures are provided at the end of the report.)

California Regional Water Quality Control Board, Colorado River Basin Region (RWQCB) Order No. R7-2006-0008 authorizes PG&E to inject 6,000 gallons of blended groundwater and reagent mixture into each well of injection well cluster (PTI-1S/M/D) located in the Colorado River floodplain. Injection of the reagent mixture may occur one to four times during a 6-month period.

The Monitoring and Reporting Program (MRP) under Order No. R7-2006-0008 requires monthly monitoring reports to be submitted by the 15th day of the following month. This report describes monitoring activities related to the floodplain ISPT for September 2006.

2.0 In-Situ Pilot Test Sampling Locations

Table 1 summarizes the well construction details of the injection well cluster (PTI-1S/M/D) and monitoring well nests (PT-1 through PT-6). Figure 2 provides a map of the sampling locations, including extraction wells TW-2D, TW-3D, and PE-1. (All figures are provided at the end of the report.)

3.0 Description of Activities

The procedures and the refinements to the floodplain ISPT are outlined in the following documents: *In-Situ Hexavalent Chromium Reduction Plan, Floodplain Reductive Zone Enhancement* (Work Plan), dated August 2005, the *Final Addendum to the In-Situ Hexavalent Chromium Reduction Plan, Floodplain Reductive Zone Enhancement* (Work Plan Addendum), dated December 5, 2005, and the *Addendum 2 to the In-Situ Hexavalent Chromium Reduction Plan, Floodplain Reductive Zone Enhancement* (Work Plan Addendum 2), dated April 14, 2006. During August 2006, ARCADIS completed the fourth monthly post-injection sampling event of the floodplain ISPT. In addition, several sampling events were conducted following a third reagent injection, as described in the *Request for Approval of Second and Third Injection Events*, dated July 25, 2006, and amended by agreement with the California Department of Toxic Substances Control. Associated field activities were performed in accordance with these documents and the applicable procedures contained within the *Sampling, Analysis, and Field Procedures Manual, PG&E Topock Program, Revision 1* (SAFPM).

Month 4 post-injection sampling was performed from September 5 through September 8, 2006. The third injection event was performed on September 7, 2006, and the post third injection sampling events were performed on September 12, 19, and 28, 2006. Data from the August 29, 2006 post second injection sampling event is also included in this report. Data from the September 28, 2006 post third injection sampling event is not included in this report and will be reported in the October monthly report.

The following sections discuss the third injection and the post-injection sampling.

3.1 Injection Activities

On September 7, 2006, ARCADIS began the third injection. The third injection was focused solely in well PTI-1D. The well was injected with 6,000 gallons of injection solution. The injection solution consisted of 100 pounds of lactate, 14 pounds of yeast extract and 100 pounds of potassium iodide, the tracer compound. The injection was performed in accordance with the documents noted above.

The injection solution was sampled and analyzed for iodide (United States Environmental Protection Agency [USEPA] Method 300), total organic carbon (TOC) (USEPA Method 415.5), and total dissolved solids (TDS) (USEPA 160.1) by EMAX Laboratories, Inc. (EMAX), hexavalent chromium (USEPA Method 7199) by Truesdail

Laboratories (Truesdail), and fluorescein (in-house method) by Ozark Underground Laboratory (Ozark).

3.2 Sampling Activities

Month 4 post-injection sampling was performed from September 5 through September 8, 2006. Per the California Department of Toxic Substances Control, additional post third injection sampling was performed. Week 3 post second injection event was preformed on August 28 and 29, 2006. Week 5 post second/third injection sampling was performed on September 12, 2006. Week 6 post second/third injection sampling was performed on September 19, 2006. The post second/third injection sampling groundwater sampling events were performed in accordance with the Work Plan and Work Plan Addenda 1 and 2.

Samples were collected, labeled and packaged according to the SAFPM. Tables 3 and 4 present the groundwater analytical results. As required under the MRP, calibration logs for field-monitoring instruments are included in Appendix B. Groundwater sampling logs are included in Appendix C.

Groundwater samples for Month 4 were analyzed for hexavalent chromium (USEPA Method 7199) by Truesdail; fluorescein (in-house method) by Ozark; chromium, dissolved and total iron, manganese, calcium, magnesium, arsenic, potassium, sodium (USEPA Method 6010B), nitrate, nitrite, sulfate, carbonate, bicarbonate alkalinity, chloride, bromide, phosphorous, iodide (USEPA Method 300), TOC (USEPA Method 415.5), and sulfide (USEPA Method 376.1) by EMAX.

Groundwater samples for the post second/third injection weekly samples were analyzed for fluorescein (in-house method) by Ozark; iodide (USEPA Method 300), TOC (USEPA Method 415.5) by EMAX. Hexavalent chromium was analyzed in the field.

Samples were collected, labeled and packaged according to the SAFPM. Tables 2, 3, and 4 present the field parameters and the groundwater analytical results, respectively. As required under the MRP, calibration logs for field-monitoring instruments are included in Appendix A. Groundwater sampling logs are included in Appendix B.

4.0 Sampling and Analytical Procedures

Groundwater sampling and associated tasks were performed in accordance with the applicable procedures contained in the SAFPM.

Prior to groundwater sampling, the depth to water was recorded for each well. These data were used to evaluate the volume of standing water in the well. The monitoring wells were purged using an Enviro-Tech ES-60 Whaler pump or a WaTerra® purge pump with dedicated polyethylene tubing. Purging continued until three casing volumes had been removed. The field parameters, such as pH, specific conductance, temperature, color, odor, and depth to water, were recorded (Table 2). After completion of purging, the groundwater samples were collected into the appropriate containers. Extraction well (PE-1, TW-2D, TW-3D) samples were collected from a dedicated sampling port. Water was purged from the sample port prior to sampling the extraction well, to remove any stagnant water from the port.

The samples were stored in coolers at 4 degrees Celsius and transported to Truesdail, EMAX, and Ozark via a courier service under chain-of-custody documentation. Truesdail and EMAX are certified by the California Department of Health Services (Certification #1247, #02116CA, and #2496, respectively) under the State of California's Environmental Laboratory Accreditation Program.

Analyses were performed in accordance with the latest edition of the "Guidelines Establishing Test Procedures for Analysis of Pollutants" (40 CFR Part 136), or equivalent methods promulgated by the USEPA.

Post-injection sampling was conducted in accordance with the sampling frequency required by the MRP. Sample results are summarized in Tables 3 and 4. As required by the MRP, calibration logs for field-monitoring instruments are presented in Appendix A. Sampling logs are presented in Appendix B. Copies of laboratory analytical results are presented on compact disc in Appendix C.

5.0 Analytical Results

Laboratory reports prepared by the certified analytical laboratories are presented on compact disc in Appendix C. Summaries of tracer test parameters, primary baseline parameters, and secondary baseline parameters are presented in Tables 2, 3, and 4, respectively.

The analytical results of post-injection sampling indicate that the injected tracers and TOC arrived at the PT-1 and PT-3 monitoring well nests within the first 3 days following the initial injections on May 3 through 6 (Table 3). Data to date from the second injection on August 11, 2006 and the third injection on September 7, 2006 do not indicate any changes in groundwater flow relative to the initial injections. Indications of reducing conditions and the start of hexavalent chromium reduction have been noted at wells PTI-1D, PT-1D, PT-2D, and PT-3D. Indications of reducing conditions include a decrease in nitrate concentrations, an increase in iron concentrations, and slight localized increases in manganese concentrations (Tables 3 and 4). Hexavalent chromium concentrations at wells PTI-1D and PT-1D rebounded slightly in Month 3, but have subsequently continued to decrease following the injection events on August 11 and September 7, 2006 (Table 2). The data suggests that the additional injections have increased the reduction of hexavalent chromium. Continued sampling will demonstrate more clearly the effectiveness of the technology to create and sustain chromium-reducing conditions.

Table 5 identifies the laboratory that performed each analysis and lists the following required monitoring information:

- Sample Location
- Sample identification
- Sampler name
- Sample date
- Sample time
- Laboratory performing the analysis
- Analysis method

- Analysis date
- Laboratory technician

No operational and maintenance issues or interruptions to remedial systems occurred during the reporting period.

6.0 Conclusions

This report summarizes the results of the month of September 2006. Indications of reducing conditions and hexavalent chromium reduction have been noted at PTI-1D, PT-2D, PT-3D, and PT-1D; however Month 4 data indicated that the additional injections have increased the reduction of hexavalent chromium. Data trends will continue to be evaluated as more data become available.

There were no incidents of non-compliance with respect to Order No. R7-2006-0008. No variances occurred during this period (Section 5).

7.0 Certification

PG&E submitted a signature delegation letter to the RWQCB on July 5, 2006. The letter delegated PG&E's signature authority to Mr. Curt Russell and Ms. Yvonne Meeks.

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.

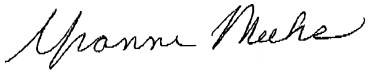
Signature: 
Name: Yvonne Meeks
Company: PG&E
Title: Project Manager
Date: October 15, 2006

Table 1
Boring and Well Construction Detail Summary
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Well or Boring Designation	Date Completed	Aquifer Zone	Ground Elevation* (feet msl)	TOC Elevation** (feet msl)	Total Depth of Boring (feet bgs)	Casing Diameter (inches)	Boring Diameter (inches)	Well Completion Depth (feet bgs)	Well Completion Elevation (feet msl)	Screen Depth Interval (feet bgs)	Screen Elevation Interval (feet msl)	Sand Pack Depth Interval (feet bgs)	Sand Pack Elevation Interval (feet msl)	Bentonite Depth Interval (feet bgs)	Bentonite Elevation Interval (feet msl)	Well Permit Number	Distance From PTI-1 (feet)	Latitude	Longitude
PT-1S	31-Jan-06	S	472.239	474.644	125	2	10	45	430	35-45	440-430	32-47	443-428	28-32	447-443	2006010013	20	34º 43' 10.3"	114º 29' 25.8"
PT-1M	31-Jan-06	M	472.239	474.622	125	2	10	70	405	60-70	415-405	57-72	428-403	46-57	429-418	2006010013	23	34º 43' 10.3"	114º 29' 25.8"
PT-1D	31-Jan-06	D	472.239	474.627	125	2	10	105	370	95-105	380-370	92-125	383-350	72-92	403-383	2006010013	24	34º 43' 10.3"	114º 29' 25.8"
PT-2S	8-Feb-06	S	471.627	473.487	127	2	10	45	428	35-45	438-428	32-47	441-426	28-32	445-441	2006010012	45	34º 43' 10.3"	114º 29' 26.1"
PT-2M	8-Feb-06	M	471.627	473.587	127	2	10	70	404	60-70	414-404	57-72	423-402	46-57	428-417	2006010012	47	34º 43' 10.3 "	114º 29' 26.1"
PT-2D	8-Feb-06	D	471.627	473.522	127	2	10	105	369	95-105	379-369	92-127	382-347	72-92	402-382	2006010012	49	34º 43' 10.3"	114º 29' 26.1"
PT-3S	14-Feb-06	S	471.698	473.584	129	2	10	45	429	35-45	439-429	32-47	442-427	28-32	446-442	2006010011	12	34º 43' 10.2"	114º 29' 25.6"
PT-3M	14-Feb-06	M	471.698	473.520	129	2	10	70	404	60-70	414-404	57-72	427-402	46-57	428-417	2006010011	15	34º 43' 10.2"	114º 29' 25.6"
PT-3D	14-Feb-06	D	471.698	473.525	129	2	10	105	369	95-105	379-369	92-127	382-347	72-92	402-382	2006010011	13	34º 43' 10.2"	114º 29' 25.6"
PT-4S	12-Feb-06	S	471.79	474.430	127	2	10	45	429	35-45	439-429	32-47	442-427	28-32	446-442	2006010010	27	34º 43' 10.1"	114º 29' 25.4"
PT-4M	12-Feb-06	M	471.79	474.331	127	2	10	70	404	60-70	414-404	57-72	423-403	46-57	428-417	2006010010	29	34º 43' 10.1"	114º 29' 25.4"
PT-4D	12-Feb-06	D	471.79	474.299	127	2	10	105	369	95-105	379-369	92-127	382-347	72-92	402-382	2006010010	24	34º 43' 10.1"	114º 29' 25.4"
PT-5S	10-Feb-06	S	471.262	473.611	127	2	10	45	429	35-45	439-429	32-47	442-427	28-32	446-442	2006010009	54	34º 43' 10.1"	114º 29' 25.0"
PT-5M	10-Feb-06	M	471.262	473.630	127	2	10	70	404	60-70	414-404	57-72	427-402	46-57	428-417	2006010009	53	34º 43' 10.2"	114º 29' 25.0"
PT-5D	10-Feb-06	D	471.262	473.625	127	2	10	105	369	95-105	379-369	92-127	382-347	72-92	402-382	2006010009	49	34º 43' 10.2"	114º 29' 25.0"
PT-6S	28-Jan-06	S	474.441	475.981	137	2	10	45	431	35-45	441-431	32-47	444-429	28-32	448-444	2006010008	27	34º 43' 10.6"	114º 29' 25.4"
PT-6M	28-Jan-06	M	474.441	476.025	137	2	10	70	406	60-70	416-406	57-72	425-404	46-57	430-419	2006010008	23	34º 43' 10.6"	114º 29' 25.4"
PT-6D	28-Jan-06	D	474.441	476.013	137	2	10	105	371	95-105	381-381	92-137	384-339	72-92	444-384	2006010008	25	34º 43' 10.6"	114º 29' 25.4"
PTI-1S	28-Jan-06	S	472.751	475.035	47	4	10	45	430	35-45	440-430	32-47	443-428	28-32	447-443	2006010006	0	34º 43' 10.4"	114º 29' 25.5"
PTI-1M	26-Jan-06	M	472.938	475.087	77	4	10	70	405	60-70	415-405	57-72	428-403	46-57	429-418	2006010007	0	34º 43' 10.4"	114º 29' 25.6"
PTI-1D	26-Jan-06	D	472.573	474.762	137	4	10	105	370	95-105	380-370	92-137	383-338	72-92	403-383	2006010005	0	34º 43' 10.4"	114º 29' 25.6"
TW-2D	1-Apr-04	D	496.932	496.932	180	6	12	153	344	113-148	384-349	108-153	389-344	153-180, 101-108	344-317, 396-394	-	205	34º 43' 10.3"	114º 29' 28.0"
TW-3D	24-Oct-05	D	497.415	497.415	157	6	10	153	344	111-156	386-341	105-157	392-340	50-105	447-392	-	217	34º 43' 10.2"	114º 29' 28.1"
PE-1	2-Mar-05	D	466.879	496.549	105	6	10	110	387	79-89	418-408	76-99	421-398	99-105, 72-76	398-425, 392-421	2005101057	296	34º 43' 9.3"	114º 29' 22.2"

Notes:

feet bgs	Feet below ground surface
feet msl	Feet mean sea level
PTI-	Pilot test injection well
PT-	Pilot test monitoring well
S	Shallow
M	Middle
D	Deep
TOC	Top of casing
*	Elevations are in feet, North American Vertical Datum of 1988 (NAVD 88), NGS data sheet EU0763.
**	Reference elevation
-	Not available

Table 2
Summary of Field Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
PT-1S	17-Mar-06	N	35-45	-150.7	7.05	6,565	26.62	<10
	06-Apr-06	N		-173	7.06	6,892	26.92	<10
	04-May-06	N		-100.6	8.06	8,889	25.64	<10
	05-May-06	N		-107.2	7.55	7,457	26.82	<10
	06-May-06	N		-88.4	7.09	7,318	26.45	<10
	07-May-06	N		-98.6	7.31	7,097	26.59	10
	08-May-06	N		-82.7	7.35	6,976	26.65	<10
	09-May-06	N		-30.7	7.12	7,550	26.63	<10
	10-May-06	N		-102.2	7.15	6,735	26.72	<10
	11-May-06	N		-97.7	7.22	6,369	26.72	<10
	12-May-06	N		-73	7.08	6,594	26.72	<10
	13-May-06	N		-47.2	7.18	5,961	26.61	---
	23-May-06	N		14.1	7.34	5,830	27.01	<10
	01-Jun-06	N		567.9	7.03	3,636	26.54	<10
	06-Jun-06	N		-173.5	7.39	6,546	26.88	<10
	18-Jul-06	N		-133.4	7.25	6,461	26.6	<10
	08-Aug-06	N		-139.1	6.96	7,412	26.43	10
	06-Sep-06	**N**		**-175.9**	**7.44**	**6,555**	**26.87**	**13**
PT-1M	17-Mar-06	N	60-70	-211	7.46	7,000	26.21	<10
	06-Apr-06	N		-211.1	9	7,506	26.54	<10
	04-May-06	N		-88.7	8.45	6,824	25.1	<10
	06-May-06	N		-93.1	7.48	7,221	25.8	---
	07-May-06	N		-98.2	7.62	7,202	26.1	38
	08-May-06	N		-77.6	7.07	4,593	26.16	42
	09-May-06	N		-19.6	7.62	7,273	26.23	<10
	10-May-06	N		-118.8	7.69	6,657	26.55	15
	11-May-06	N		-92.1	7.61	6,539	26.29	11
	12-May-06	N		-77.3	7.54	6,877	26.3	<10
	13-May-06	N		-39.2	7.47	5,933	26.26	---
	24-May-06	N		-16.2	7.67	5,837	26.24	<10
	31-May-06	N		-59.6	7.36	4,549	27.59	<10
	06-Jun-06	N		-176.9	7.62	7,071	26.27	<10
	18-Jul-06	N		-139.6	7.51	6,927	26.3	<10
	08-Aug-06	N		-183.5	7.21	6,826	25.66	<10
	06-Sep-06	**N**		**-233.4**	**7.88**	**6,750**	**26.3**	**17**

Table 2
Summary of Field Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
PT-1D	17-Mar-06	N	95-105	-129.5	7.36	13,149	26.06	1,900
	06-Apr-06	N		112	6.66	14,027	26	3,040
	05-May-06	N		47.6	7.86	12,918	26.03	---
	06-May-06	N		69.3	7.36	14,048	26.18	4,660
	07-May-06	N		79.3	7.62	13,536	26.07	3,680
	08-May-06	N		85.6	7.71	12,334	26.14	4,980
	09-May-06	N		-145.2	7.59	12,058	26.18	2,960
	10-May-06	N		5.7	7.54	11,794	26.19	2,840
	11-May-06	N		-7.1	7.71	10,586	26.1	1,740
	12-May-06	N		-6	7.56	10,653	26.5	2,260
	13-May-06	N		41.9	7.6	9,215	25.9	---
	24-May-06	N		90.2	6.6	10,570	26.25	1,420
	31-May-06	N		358.1	5.89	5,935	29.21	980
	05-Jun-06	N		403.4	8.41	10,776	27.13	840
	17-Jul-06	N		201.6	7.39	11,498	26.29	840
	08-Aug-06	N		-163.8	7.17	11,662	25.83	1,240
	14-Aug-06	N		-22.9	8.1	9,762	27.52	820
	17-Aug-06	N		-154.6	8.16	10,189	26.46	580
	22-Aug-06	N		-109.3	8.31	9,846	26.68	540
	24-Aug-06	N		-2.1	8.03	9,779	26.62	580
	29-Aug-06	**N**		**-42.1**	**8.12**	**9,308**	**26.56**	**480**
	05-Sep-06	**N**		**-94.7**	**8.33**	**9,402**	**27.92**	**371**
	12-Sep-06	**N**		**-174.1**	**7.95**	**9,129**	**26.76**	**180**
	19-Sep-06	**N**		**-361.1**	**8.32**	**8,445**	**26.49**	**320**
PT-2S	17-Mar-06	N	35-45	-204	7.27	6,273	26.87	<10
	06-Apr-06	N		-175.9	6.14	6,867	26.79	<10
	24-May-06	N		-6.5	7.57	5,405	27.13	10
	01-Jun-06	N		-88.7	7.25	6,678	26.74	10
	07-Jun-06	N		-168.6	7.57	6,268	26.37	<10
	18-Jul-06	N		-203.8	7.28	6,492	27.51	<10
	08-Aug-06	N		-74.6	7.54	6,892	26.96	19
	06-Sep-06	**N**		**-205.1**	**7.69**	**6,563**	**28.21**	**17**

Table 2
Summary of Field Parameters
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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
PT-2M	17-Mar-06	N	60-70	-170.9	7.29	7,304	26.3	<10
	06-Apr-06	N		-173.8	8.01	7,752	26.9	<10
	24-May-06	N		44.3	7.61	5,902	2,647	<10
	31-May-06	N		-65	7.14	7,271	25.94	<10
	07-Jun-06	N		-99.7	7.62	6,825	26.71	<10
	18-Jul-06	N		-173.1	7.16	6,849	27.25	<10
	08-Aug-06	N		-27.6	7.44	6,797	26.39	<10
	06-Sep-06	**N**		**-227.6**	**7.66**	**6,610**	**27.04**	**19**
PT-2D	17-Mar-06	N	95-105	-100.5	7.21	12,626	26.17	1,600
	06-Apr-06	N		-71.3	7.04	13,924	26.03	2,300
	24-May-06	N		180.9	7.39	9,229	26.45	1,640
	31-May-06	N		-51.2	7.39	11,157	25.95	1,160
	07-Jun-06	N		403.3	7.61	10,386	26.21	840
	17-Jul-06	N		426.4	7.46	11,231	26.63	500
	07-Aug-06	N		-134.6	7.43	11,647	26.8	660
	14-Aug-06	N		3.5	7.95	11,541	26.64	620
	17-Aug-06	N		-157.2	7.93	11,608	26.61	560
	21-Aug-06	N		-177.7	8.26	11,140	26.52	500
	24-Aug-06	N		-73.9	8.01	10,924	26.45	580
	29-Aug-06	**N**		**-72**	**8.01**	**10,433**	**26.39**	**680**
	05-Sep-06	**N**		**-234.6**	**7.82**	**10,660**	**27.33**	**520**
	12-Sep-06	**N**		**-87**	**7.74**	**10,774**	**26.5**	**520**
	19-Sep-06	**N**		**-245.7**	**7.65**	**9,754**	**26.57**	**500**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
PT-3S	16-Mar-06	N	35-45	-218.9	7.14	6,353	26.67	<10
	03-Apr-06	N		-238.1	7.38	6,846	26.68	<10
	04-May-06	N		-119.3	8.1	6,380	27.1	<10
	05-May-06	N		-130.6	7.44	6,690	26.46	<10
	06-May-06	N		-130.7	7.1	6,363	26.6	<10
	07-May-06	N		-115.2	7.25	6,846	26.56	<10
	09-May-06	N		-43.9	7.27	6,976	26.55	<10
	10-May-06	N		-135.7	7.35	6,419	26.81	11
	11-May-06	N		-20.1	7.39	6,218	26.77	<10
	12-May-06	N		-92.7	7.14	6,169	26.69	<10
	13-May-06	N		-90.5	7.28	6,358	26.7	---
	23-May-06	N		1.37	7.13	5,944	26.82	<10
	30-May-06	N		-162.7	12.28	5,971	27.5	13
	06-Jun-06	N		-177.7	7.57	5,295	26.72	12
	19-Jul-06	N		-166.3	7.27	5,771	26.64	<10
	08-Aug-06	N		-120.1	7.04	6,105	27.83	<10
	06-Sep-06	**N**		**-98**	**7.52**	**6,205**	**26.68**	**23**
PT-3M	18-Mar-06	N	60-70	-249.1	7.96	7,232	26.19	<10
	07-Apr-06	N		-218.3	7.33	8,041	26.06	---
	04-May-06	N		-101.8	8.68	7,193	24.31	---
	05-May-06	N		-106	7.99	7,665	26.05	<10
	06-May-06	N		-96.6	7.53	7,613	25.83	<10
	07-May-06	N		-82	7.64	7,681	26.23	<10
	09-May-06	N		-8.4	7.58	7,718	25.98	<10
	10-May-06	N		-103	7.61	7,176	26.41	14
	11-May-06	N		-86.4	7.7	6,879	26.32	<10
	12-May-06	N		-71.8	7.54	6,927	26.27	13
	13-May-06	N		6.9	7.49	7,130	26.12	---
	23-May-06	N		42.8	7.38	7,475	26.13	<10
	30-May-06	N		-70.3	12.31	7,977	26.69	16
	06-Jun-06	N		-112.8	7.68	7,026	25.75	<10
	19-Jul-06	N		-156.3	7.33	6,911	25.7	<10
	08-Aug-06	N		-92.5	7.52	7,048	26.72	10
	06-Sep-06	**N**		**-39.3**	**7.68**	**6,777**	**25.84**	**14**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
PT-3D	18-Mar-06	N	95-105	-54.4	7.38	13,782	25.98	4,620
	05-Apr-06	N		51.8	7.51	14,347	26.71	7,760
	05-May-06	N		66.7	7.87	13,263	25.96	3,140
	06-May-06	N		71.7	7.54	11,437	26.03	3,440
	07-May-06	N		76.8	7.81	9,027	26.14	4,200
	09-May-06	N		168.5	7.62	12,715	26.08	3,960
	10-May-06	N		2.6	6.66	10,771	26.33	3,960
	11-May-06	N		-11.9	7.86	11,767	26.28	3,780
	12-May-06	N		-6.1	7.65	12,290	26.18	3,720
	13-May-06	N		144.5	7.72	12,139	26.33	---
	23-May-06	N		129.1	7.31	13,111	27.37	3,900
	30-May-06	N		30.7	12.4	13,907	27.29	3,800
	06-Jun-06	N		12.6	7.71	12,310	25.82	3,380
	17-Jul-06	N		-246.7	7.51	12,277	26.17	1,920
	08-Aug-06	N		-66.9	8.62	13,045	29.12	4,100
	14-Aug-06	N		-24.3	8.46	10,984	26.95	3,140
	17-Aug-06	N		-176.1	8.34	11,853	26.29	3,600
	21-Aug-06	N		-163.9	8.54	12,168	26.73	3,860
	24-Aug-06	N		-95.2	8.31	12,213	26.3	3,520
	29-Aug-06	**N**		**-124.4**	**8.34**	**12,065**	**26.68**	**3,340**
	05-Sep-06	**N**		**-61.2**	**8.41**	**12,130**	**26.55**	**3,200**
	12-Sep-06	**N**		**-144.8**	**8.01**	**12,434**	**26.47**	**2,880**
	19-Sep-06	**N**		**-231.4**	**7.66**	**12,884**	**26.31**	**3,100**
PT-4S	15-Mar-06	N	35-45	-257	7.32	7,072	26.16	<10
	06-Apr-06	N		-159.9	7.8	7,783	26.11	<10
	04-May-06	N		-117	8.33	6,585	25.39	<10
	05-May-06	N		-126.6	7.7	7,325	25.82	<10
	09-May-06	N		-93.5	7.21	7,752	25.75	<10
	10-May-06	N		-119.8	7.41	4,939	26.33	<10
	11-May-06	N		6.2	7.62	7,180	27.26	<10
	12-May-06	N		-71.2	7.35	6,997	26.08	14
	13-May-06	N		-68.7	7.6	7,305	26.09	---
	23-May-06	N		20.4	7.53	6,411	27.13	<10
	30-May-06	N		-121.7	7.1	7,504	25.93	<10
	06-Jun-06	N		-230.2	7.78	7,377	27.56	<10
	19-Jul-06	N		-137.8	7.33	7,106	26.16	11
	08-Aug-06	N		-151.6	7.2	7,174	26.05	11
	06-Sep-06	**N**		**-126.1**	**7.73**	**7,212**	**26.7**	**<10**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
PT-4M	15-Mar-06	N	60-70	-246.1	7.9	6,784	25.99	<10
	07-Apr-06	N		-210.5	7.48	7,566	26.28	---
	04-May-06	N		-119.6	8.74	7,031	24.95	<10
	08-May-06	N		-113.4	7.97	7,384	26.14	11
	09-May-06	N		-58.9	7.74	7,588	25.84	<10
	10-May-06	N		-134	7.73	7,022	26.24	<10
	11-May-06	N		-115.2	7.92	6,991	26.21	<10
	12-May-06	N		-95.1	7.73	7,084	25.79	<10
	13-May-06	N		-68.6	7.85	6,265	25.93	---
	23-May-06	N		25.9	7.81	6,267	26.82	<10
	30-May-06	N		-113.1	7.48	7,467	25.61	11
	06-Jun-06	N		-211.3	7.89	7,258	26.68	<10
	19-Jul-06	N		-146.4	7.44	6,939	26.19	<10
	08-Aug-06	N		-160.5	7.29	6,976	25.76	10
	06-Sep-06	**N**		**-110.5**	**7.77**	**6,825**	**26.08**	**<10**
PT-4D	15-Mar-06	N	95-105	-98.4	7.4	15,180	26.02	5,800
	05-Apr-06	N		-30	7.58	162,310	26.61	5,840
	08-May-06	N		62.7	7.93	14,947	26.1	5,920
	09-May-06	N		48.3	7.45	14,719	25.92	6,520
	10-May-06	N		42.1	7.68	14,351	26.14	6,160
	11-May-06	N		-10.2	7.84	13,923	26.15	5,920
	12-May-06	N		-4.5	7.72	14,580	25.97	7,480
	13-May-06	N		28.1	7.69	12,744	26	---
	23-May-06	N		50	7.91	13,640	31.2	4,840
	30-May-06	N		-81.3	7.43	15,116	25.97	5,800
	06-Jun-06	N		-174.3	7.81	15,010	26.65	4,780
	19-Jul-06	N		-76.3	7.49	14,389	25.97	5,960
	08-Aug-06	N		-135.9	7.32	14,160	25.09	6,220
	06-Sep-06	**N**		**46.8**	**7.79**	**14,720**	**26.1**	**5,020**
PT-5S	16-Mar-06	N	35-45	-204.9	7.33	7,714	25.81	<10
	07-Apr-06	N		-177.3	7	8,640	25.75	---
	01-Jun-06	N		-88.9	7.17	8,682	25.46	<10
	19-Jul-06	N		-134.5	7.23	8,660	25.53	<10
	09-Aug-06	N		-172.2	7.37	8,902	25.2	<10
	08-Sep-06	**N**		**-209.6**	**7.32**	**8,742**	**25.63**	**26**

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Summary of Field Parameters
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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
PT-5M	16-Mar-06	N	60-70	-184.6	7.29	6,989	25.48	<10
	07-Apr-06	N		-183.5	6.97	8,609	25.8	---
	01-Jun-06	N		-49.9	7.05	6,191	24.82	<10
	19-Jul-06	N		-113.4	7.26	5,091	25.32	<10
	09-Aug-06	N		-171.5	7.46	4,740	24.81	<10
	08-Sep-06	**N**		**-184.3**	**7.58**	**4,666**	**25.16**	**<10**
PT-5D	16-Mar-06	N	95-105	-191.1	7.71	8,304	25.85	6,200
	07-Apr-06	N		-181.1	7.05	8,561	25.78	---
	12-May-06	N		-1.2	7.7	13,620	26.62	5,240
	01-Jun-06	N		-45.5	7.47	14,037	25.5	3,660
	17-Jul-06	N		-208.6	7.55	13,286	25.97	3,940
	09-Aug-06	N		-128.2	7.41	13,646	25.65	4,380
	08-Sep-06	**N**		**-168**	**7.65**	**13,954**	**25.45**	**4,600**
PT-6S	18-Mar-06	N	35-45	-91.7	6.99	10,053	25.49	<10
	04-Apr-06	N		-187.9	7.22	10,379	26.56	<10
	13-May-06	N		-48.4	7.31	7,353	26.62	---
	22-May-06	N		-14	7.21	7,476	26.59	<10
	01-Jun-06	N		556.8	6.52	4,423	27.56	<10
	06-Jun-06	N		-164.1	7.65	8,564	26.25	14
	19-Jul-06	N		-161.6	6.97	8,271	22.57	12
	09-Aug-06	N		-107.7	6.88	9,196	26.87	52
	08-Sep-06	**N**		**-143.6**	**7.78**	**9,508**	**26.05**	**45**
PT-6M	16-Mar-06	N	60-70	-120.1	7.25	7,221	26.13	<10
	04-Apr-06	N		-114.1	7.45	7,761	26.18	<10
	13-May-06	N		22.6	7.46	6,212	26.22	---
	23-May-06	N		85.6	7.57	5,988	26.51	<10
	01-Jun-06	N		675.3	6.84	3,952	27.04	<10
	06-Jun-06	N		-197.1	7.98	6,832	2,610	<10
	19-Jul-06	N		-168.5	7.28	6,528	26.7	<10
	09-Aug-06	N		-38.9	7.2	6,396	26.43	<10
	08-Sep-06	**N**		**-38.6**	**8.12**	**6,168**	**25.81**	**28**

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Summary of Field Parameters
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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
PT-6D	16-Mar-06	N	95-105	-118.9	7.73	13,489	25.9	3,380
	04-Apr-06	N		-91.1	7.72	12,784	26.95	2,580
	13-May-06	N		28.7	7.77	9,829	25.87	---
	22-May-06	N		79.4	7.9	9,631	26.37	2,040
	01-Jun-06	N		692.8	7.08	6,017	26.42	1,360
	06-Jun-06	N		-170.6	8	10,470	25.84	1,000
	17-Jul-06	N		-681.6	7.62	10,365	26.49	920
	09-Aug-06	N		-43.8	7.5	10,793	26.84	1,600
	08-Sep-06	**N**		**14.3**	**8.26**	**11,809**	**25.89**	**1,780**
PTI-1S	15-Mar-06	N	35-45	-203.1	7.1	6,390	26.83	<10
	05-Apr-06	N		-184	7.28	6,964	27.06	<10
	06-May-06	N		---	---	---	---	620
	07-May-06	N		-137.8	6.73	4,936	33.59	600
	09-May-06	N		-54.8	6.57	5,627	32.39	---
	10-May-06	N		-155.1	6.29	5,313	25.6	290
	11-May-06	N		-156.5	6.27	5,326	28.93	20
	12-May-06	N		-71.9	6.8	4,457	28.07	70
	13-May-06	N		-132.8	6.58	4,582	28.42	---
	23-May-06	N		-21.3	6.66	4,262	27.04	<10
	31-May-06	N		-146	6.93	4,313	28.09	28
	05-Jun-06	N		-240.5	7.88	4,144	27.51	<10
	18-Jul-06	N		-164.1	7.28	6,399	26.77	80
	07-Aug-06	N		-124.1	7.22	6,771	26.43	<10
	07-Sep-06	**N**		**-98.6**	**7.54**	**6,865**	**26.62**	**14**
PTI-1M	15-Mar-06	N	60-70	-220.1	7.38	7,338	26.17	14
	04-Apr-06	N		-173.8	7.71	7,919	27.06	10
	06-May-06	N		-6.8	6.82	6,623	29.31	74
	07-May-06	N		-17.2	7.08	6,244	28.96	55
	09-May-06	N		-2.3	7.22	7,559	28.03	430
	10-May-06	N		57	7.26	6,179	29.4	28
	11-May-06	N		-149.5	7.02	7,325	27.56	27
	12-May-06	N		-72.4	7.52	6,066	27.05	29
	13-May-06	N		-229	7.45	6,745	27.13	---
	23-May-06	N		-231.7	6.66	6,204	27.57	11
	31-May-06	N		-120.2	7.2	6,824	26.76	57
	05-Jun-06	N		-254	8.13	7,092	26.94	<10
	18-Jul-06	N		-180.1	7.56	6,990	26.62	<10
	07-Aug-06	N		-150.3	7.45	6,940	27.24	<10
	07-Sep-06	**N**		**-78.2**	**7.87**	**6,923**	**26.86**	**16**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
PTI-1D	15-Mar-06	N	95-105	-89.9	7.37	13,018	26.04	1,780
	03-Apr-06	N		-87	7.68	13,811	26.07	3,520
	07-May-06	N		43.5	6.99	6,659	27.75	61
	09-May-06	N		124.5	7.25	6,880	29.05	870
	10-May-06	N		181	7.68	13,066	29.78	3,320
	11-May-06	N		159.9	8.13	11,442	27.48	1,140
	12-May-06	N		47.8	6.43	4,888	28.17	122
	13-May-06	N		-6.4	7.35	6,626	26.74	---
	22-May-06	N		154.7	8.08	15,136	27.57	980
	31-May-06	N		-198.3	7.92	12,156	26.32	1,160
	05-Jun-06	N		-210.4	8.51	11,989	28.74	920
	18-Jul-06	N		-138.6	7.94	11,582	26.93	1,700
	07-Aug-06	N		-157.4	7.75	11,815	27.14	1,720
	15-Aug-06	N		-52.8	8.35	7,441	29.07	100
	17-Aug-06	N		-204.8	8.53	8,988	29.38	140
	22-Aug-06	N		-66	8.61	10,398	28.19	160
	24-Aug-06	N		-20.2	8.38	10,670	28.31	220
	29-Aug-06	**N**		**-58.8**	**8.49**	**11,102**	**27.95**	**186**
	05-Sep-06	**N**		**-84.6**	**8.47**	**11,337**	**27.51**	**240**
	12-Sep-06	**N**		**-227.1**	**7.79**	**8,409**	**28.97**	**74**
	19-Sep-06	**N**		**-343.4**	**8.45**	**10,698**	**27.31**	**30**
PE-01	17-Mar-06	N	79-89	---	---	---	---	115
	05-Apr-06	N		---	---	---	---	144
	01-Jun-06	N		---	---	---	---	116
	17-Jul-06	N		---	---	---	---	59
	07-Aug-06	N		-29.4	6.53	9,401	22.9	99
	06-Sep-06	**N**		**2.2**	**7.56**	**9,443**	**24.78**	**94**
TW-2D	17-Mar-06	N	113-148	---	---	---	---	1,620
	05-Apr-06	N		---	---	---	---	1,620
	19-Jul-06	N		---	---	---	---	940
	07-Aug-06	N		-35.5	7.18	7,991	28.1	900
	14-Aug-06	N		54.8	7.45	7,793	30.1	880
	17-Aug-06	N		-202.6	7.72	7,053	30.28	1,480
	22-Aug-06	N		63.1	7.2	7,364	30.14	1,040
	24-Aug-06	N		95.2	7.73	6,605	32.22	1,580
	29-Aug-06	**N**		**163**	**7.39**	**7,387**	**30.71**	**900**
	06-Sep-06	**N**		**16.6**	**7.49**	**7,964**	**28.02**	**920**
	12-Sep-06	**N**		**79.1**	**7.46**	**5,675**	**29.6**	**1,720**
	19-Sep-06	**N**		**81.9**	**7.09**	**6,967**	**29.67**	**920**

Table 2
Summary of Field Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	ORP (mV)	pH	Specific Conductance (µS/cm)	Temperature (C°)	Hexavalent Chromium Field (µg/L)
TW-3D	17-Mar-06	N	111-156	---	---	---	---	3,660
	05-Apr-06	N		---	---	---	---	3,460
	19-Jul-06	N		---	---	---	---	2,760
	07-Aug-06	N		-45.9	7.45	9,325	28.1	2,300
	14-Aug-06	N		52.1	7.82	9,071	30.04	2,880
	17-Aug-06	N		-195.4	7.69	9,016	30.2	2,740
	22-Aug-06	N		32.9	8.03	8,856	31.02	2,760
	24-Aug-06	N		101.8	7.8	8,663	30.83	2,840
	29-Aug-06	**N**		**199.4**	**6.88**	**8,476**	**30.78**	**2,800**
	06-Sep-06	**N**		**4.9**	**7.45**	**8,959**	**28.64**	**2,840**
	12-Sep-06	**N**		**87**	**7.48**	**9,435**	**29.96**	**2,820**
	19-Sep-06	**N**		**73.4**	**7.13**	**8,913**	**29.35**	**2,740**
INJ_SOLUTION_01	05-May-06	N	NA	---	---	---	---	<10
INJ_SOLUTION_03	06-May-06	N	NA	---	---	---	---	174

Notes:
Most recent data indicated in **BOLD**

ft bgs	Feet below ground surface
mV	Millivolts
µS/cm	Microsiemens per centimeter
C°	Degrees Celsius
µg/L	Micrograms per liter
ORP	Oxidation Reduction Potential
<	Symbol indicates not detected at or above the estimated reporting limit as noted.
N	Normal
---	Not available/Not analyzed
NA	Not applicable

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-1S	17-Mar-06	N	35-45	<1	1.3	<1	<.5	ND	<.5	<.1	3,050	1,930	1,320	198	2.98
	06-Apr-06	N		<0.2	<1	<1	<.5	ND	<.5	<.5	1,910	1,860	779	181	3.04
	04-May-06	N		<1	---	<1	<1	ND	---	---	---	---	---	---	---
	05-May-06	N		<1	---	<1	<1	ND	---	---	---	---	---	---	---
	06-May-06	N		<0.2	<1	<1	<.5	ND	<.5	<.1	5,560	2,960	947	90.1	6.66
	07-May-06	N		<1	---	<1	<1	ND	---	---	---	---	---	---	---
	08-May-06	N		<0.2	---	<1	<1	ND	---	---	---	---	---	---	---
	09-May-06	N		<1	<1	<1	0.846	ND	<.5	<.1	2,360	4,770	1,070	144	4.16
	10-May-06	N		<1	---	<1	<2.5	ND	---	---	---	---	---	---	---
	11-May-06	N		<1	---	<1	<2.5	ND	---	---	---	---	---	---	---
	12-May-06	N		<1 J/HD	---	<1	<1	ND	---	---	---	---	---	---	---
	13-May-06	N		<1 J/HD	4.48	<1	<1	ND	<1	<.2	3,900	3,220	800	122	4.58
	23-May-06	N		<1	<1	<1	<.5	ND	<.5	<.5	117,000	826	790	157	4.53
	01-Jun-06	N		<1	<1	<1	<.5	ND	<.5	<.1	89,600	2,570	911	126	5.11
	06-Jun-06	N		<1	<1	<1	<.5	ND	<.5	<.5	43,400	3,020	857	125	5.77
	18-Jul-06	N		<0.2	<1	<1	1.96	ND	<.5	<.1	28,400	4,610	679	114	6.98
	08-Aug-06	N		<0.2	<1	<.5	2.26	ND	<.5	<.1	42,300	5,870	1,140	79.7	9.38
	06-Sep-06	**N**		**2.2**	**42.3**	**<.5**	**0.627**	**0.239**	**<.5**	**<.1**	**6,460**	**3,430**	**1,560**	**109**	**6.61**

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-1M	17-Mar-06	N	60-70	<1	<1	<1	<.5	ND	<.5	<.1	<500	<500	1,330	411	1.14
	06-Apr-06	N		<1	1	<1	<.5	ND	<.5	<.5	591	557	1,350	446	1.1
	04-May-06	N		<1	---	<1	<.5	ND	---	---	---	---	---	---	---
	06-May-06	N		<1	<1	<1	258	0.452	<.5	<.1	554	535	1,230	397	27.9
	07-May-06	N		<1	---	<1	390	0.466	---	---	---	---	---	---	---
	08-May-06	N		<1	---	<1	377	0.429	---	---	---	---	---	---	---
	09-May-06	N		<1	<1	<1	341	0.232	<.5	<.1	543	550	2,430	391	25.4
	10-May-06	N		<1	---	<1	296	0.458	---	---	---	---	---	---	---
	11-May-06	N		<1	---	<1	273	0.433	---	---	---	---	---	---	---
	12-May-06	N		<1 J/HD	---	<1	245	0.423	---	---	---	---	---	---	---
	13-May-06	N		<1 J/HD	3.69	<1	216	0.354	<.5	<.1	696	668	4,390	451	5.39
	24-May-06	N		<1	10.8	<1	96	0.16	<.5	<.5	673	6,900	3,560	425	2.02
	31-May-06	N		<1	3.29	<1	48.9	0.101	<.5	<.5	7,360	577	3,950	430	2.4
	06-Jun-06	N		<1	<1	<1	36.7	0.083	<.5	<.5	5,230	637	3,450	501	1.82
	18-Jul-06	N		<0.2	<1	<1	13.4	0.039	<.5	<.1	3,430	871	2,810	405	2.47
	08-Aug-06	N		<0.2	<1	<.5	5.36	ND	<.5	<.1	5,280	744	2,330	452	3.92
	06-Sep-06	**N**		**<0.2**	**<1**	**<.5**	**2.55**	**0.162**	**<.5**	**<.1**	**<500**	**579**	**2,240**	**481**	**2.29**

Table 3
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PG&E Topock
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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-1D	17-Mar-06	N	95-105	2,470	2,270	<1	0.581	ND	1.84	<.5	<500	<500	88.2	943	1.07
	17-Mar-06	FD		2,460	2,230	<1	<.5	ND	1.84	<.5	<500	<500	85.7	941	1.18
	06-Apr-06	N		3,080	2,770	5.45	<.5	ND	2.27	<.5	<500	<500	51	978	1.09
	06-Apr-06	FD		2,960	2,690	6.15	<.5	ND	2.26	<.5	<500	<500	54.8	963	1.1
	06-May-06	N		4,140	4,350	<1	<.5	ND	2.64	<.1	<500	<500	26.7	930	1.24
	07-May-06	N		3,560	---	50.9	<1	ND	---	---	---	---	---	---	---
	08-May-06	N		3,190	---	252	1.26	ND	---	---	---	---	---	---	---
	09-May-06	N		2,870	2,780	441	2.63	0.023	1.18	<.2	<500	<500	48.9	846	37.5
	10-May-06	N		2,670	---	464	2.92	0.029	---	---	---	---	---	---	---
	11-May-06	N		2,660	---	528	2.87	0.016	---	---	---	---	---	---	---
	12-May-06	N		2,520	---	578	3.01	0.022	---	---	---	---	---	---	---
	13-May-06	N		2,380 J/HD	2,390	613	3	0.016	<1	<.2	<500	<500	60.1	529	58.4
	24-May-06	N		1,320	1,330	488	2.61	0.164	<.5	<.5	<500	<500	507	653	30.7
	31-May-06	N		970	896	373	1.86	ND	<.5	<.5	<500	<500	992	665	16
	05-Jun-06	N		931	859	371	1.71	ND	<.5	<.5	<500	<500	1,270	730	10.1
	17-Jul-06	N		998	1,000	30.4	1.37	ND	0.939	0.869	<500	<500	1,160	731	3.68
	08-Aug-06	N		1,100	1,120	9.79	0.597	ND	1.15	<.1	<500	<500	1,030	748	3.21
	14-Aug-06	N		---	---	16.7	---	703	---	---	---	---	---	---	52.7
	17-Aug-06	N		---	---	<2.5	---	1,180	---	---	---	---	---	---	50
	21-Aug-06	N		---	---	5.79	---	1,420	---	---	---	---	---	---	36.2
	21-Aug-06	FD		---	---	14.5	---	1,440	---	---	---	---	---	---	36.3
	24-Aug-06	N		---	---	11.3	---	1,360	---	---	---	---	---	---	31.8
	24-Aug-06	FD		---	---	13.3	---	1,450	---	---	---	---	---	---	32.6
	29-Aug-06	**N**		---	---	**8.58**	---	**1,210**	---	---	---	---	---	---	**16.3**
	05-Sep-06	**N**		**320**	**363**	**5.79**	**<1**	**1,250**	**<1**	**0.359**	**<500**	**<500**	**2,790**	**671**	**5.9**
	12-Sep-06	**N**		---	---	**333**	---	**845**	---	---	---	---	---	---	**46.3**
	19-Sep-06	**N**		---	---	**462**	---	**549**	---	---	---	---	---	---	**35.2**
	19-Sep-06	**FD**		---	---	**462**	---	**558**	---	---	---	---	---	---	**33.5**

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-2S	17-Mar-06	N	35-45	<1	<1	<1	0.563	ND	<.5	<.1	34,300	976	1,170	11.7	7.42
	06-Apr-06	N		<0.2	<1	<1	<.5	ND	<.5	<.5	30,200	1,850	1,240	8.91	8.57
	24-May-06	N		<1	<1	<1	<.5	ND	<.5	<.5	164,000	<500	1,160	3.02	11
	01-Jun-06	N		<1	<1	<1	<.5	ND	<.5	<.1	91,900	934	1,300	3.06	9.65
	07-Jun-06	N		<1	<1	<1	<.5	ND	<.5	<.5	42,300	950	1,280	2.77	10.8
	18-Jul-06	N		<0.2	<1	<1	1.47	ND	<.5	<.1	38,300	2,690	1,330	6.83	12.1
	08-Aug-06	N		<0.2	1.14	<.5	1.63	ND	<.5	<.1	61,300	1,400	1,430	54.1	10.7
	06-Sep-06	**N**		**0.26**	**<1**	**<.5**	**0.805**	**ND**	**<.5**	**<.1**	**48,400**	**889**	**1,460**	**30.4**	**10.6**
PT-2M	17-Mar-06	N	60-70	<1	8.19	<1	<.5	ND	<.5	<.5	<500	<500	547	474	<1
	06-Apr-06	N		<0.2	7.58	<1	<.5	ND	<.5	<.1	<500	<500	380	471	<1
	24-May-06	N		<1	<1	<1	40	0.114	<.5	<.5	20,000	<500	431	423	1.76
	31-May-06	N		<1	<1	<1	12.1	0.033	<.5	<.5	3,430	<500	363	438	2.21
	31-May-06	FD		<1	<1	<1	12	0.038	<.5	<.5	4,150	<500	371	429	2.28
	07-Jun-06	N		<1	<1	<1	5.29	0.024	<.5	<.5	1,220	<500	353	487	1.85
	18-Jul-06	N		<0.2	1.06	<1	0.988	5.65	<.5	<.1	1,990	<500	228	377	3.1
	08-Aug-06	N		<0.2	<1	<.5	0.638	ND	<.5	<.1	1,040	<500	233	412	9.06
	06-Sep-06	**N**		**<0.2**	**<1**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**811**	**<500**	**228**	**415**	**2.41**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-2D	17-Mar-06	N	95-105	1,660	1,580	<1	<.5	ND	1.23	<.5	<500	<500	154	931	1.09
	17-Mar-06	FD		1,670	1,570	<1	<.5	ND	1.26	<.5	<500	<500	161	924	1.24
	06-Apr-06	N		2,310	2,160	4.44	<.5	ND	1.68	<.5	<500	<500	79.7	924	1.02
	06-Apr-06	FD		2,290	2,170	4.1	<.5	ND	1.84	<.5	<500	<500	78.3	946	<1
	24-May-06	N		1,800	1,760	374	2.11	ND	<.5	<.5	507	<500	173	691	26.9
	31-May-06	N		1,180	1,170	388	1.85	ND	<.5	<.5	1,400	<500	320	689	17.6
	07-Jun-06	N		951	930	390	1.99	ND	<.5	<.5	<500	<500	423	724	14.4
	17-Jul-06	N		466	438	110	1.76	ND	<.5	0.885	<500	<500	622	745	3.98
	07-Aug-06	N		568	495	34	0.687	ND	0.607	<.1	4,350	<500	597	953	7.94
	14-Aug-06	N		---	---	27.1	---	ND	---	---	---	---	---	---	7.23
	14-Aug-06	FD		---	---	28.9	---	ND	---	---	---	---	---	---	4.8
	17-Aug-06	N		---	---	24.3	---	47	---	---	---	---	---	---	5.1
	17-Aug-06	FD		---	---	23.6	---	49.5	---	---	---	---	---	---	4.34
	21-Aug-06	N		---	---	17.3	---	405	---	---	---	---	---	---	16.2
	24-Aug-06	N		---	---	16.8	---	636	---	---	---	---	---	---	21.8
	29-Aug-06	**N**		---	---	**14.7**	---	**792**	---	---	---	---	---	---	**12.6**
	06-Sep-06	**N**		**432**	**512**	**10.2**	**<1**	**905**	**<1**	**<.2**	**<500**	**<500**	**1,270**	**699**	**4.54**
	12-Sep-06	**N**		---	---	**18.1**	---	**954**	---	---	---	---	---	---	**7.24**
	19-Sep-06	**N**		---	---	**120**	---	**1,050**	---	---	---	---	---	---	**10.3**

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
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September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-3S	16-Mar-06	N	35-45	<1	40.3	<1	<.5	ND	<.5	<.1	6,370	4,860	1,160	217	4.27
	03-Apr-06	N		<1	1.48	<1	<.5	ND	<.5	<.5	5,510	4,990	988	221	4.66
	04-May-06	N		<0.2	---	<1	<1	ND	---	---	---	---	---	---	---
	05-May-06	N		<0.2	---	<1	<1	ND	---	---	---	---	---	---	---
	06-May-06	N		<1	1.46	<1	<.5	ND	<.5	<.1	7,370	5,660	968	80.2	5.05
	06-May-06	FD		<1	1.01	<1	<.5	ND	<.5	<.1	6,500	5,820	950	80.4	5.26
	07-May-06	N		<0.2	---	<1	<1	ND	---	---	---	---	---	---	---
	09-May-06	N		<0.2 J/HD	1.54	<1	<1	9.61	<1	<.2	7,850	6,280	973	112	5.83
	10-May-06	N		<1	---	<1	19	34.4	---	---	---	---	---	---	---
	11-May-06	N		<1	---	<1	1.07	5.49	---	---	---	---	---	---	---
	12-May-06	N		<0.2	---	<1	64.6	42.3	---	---	---	---	---	---	---
	13-May-06	N		<1 J/HD	2.38	<1	93.7	56	<1	<.2	6,710	5,890	872	112	14.6
	23-May-06	N		<1	<1	<1	68.1	1,060	<1	<.5	130,000	1,750	830	30.5	49.9
	30-May-06	N		<1	1.36	<1	470	1,510	<2.5	<.5	27,600	695	762	24.4	93.5
	06-Jun-06	N		<1	<1	<1	749	1,220	<2.5	<.5	21,900	3,220	750	23.2	119
	19-Jul-06	N		<0.2	<1	<1	212	751	<.5	<.5	23,400	4,680	652	12.9	16.4
	08-Aug-06	N		<0.2	<1	<.5	75.6	578	<.5	<.1	38,500	3,000	749	16.3	6.28
	06-Sep-06	**N**		**<0.2**	**<1**	**<.5**	**35.2**	**344**	**<.5**	**<.1**	**12,900**	**3,700**	**883**	**34.2**	**6.66**

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-3M	18-Mar-06	N	60-70	<1	<1	<1	<.5	ND	<.5	<.5	<500	<500	1,670	571	1.33
	07-Apr-06	N		<1	<1	<1	<.5	ND	<.5	<.5	<500	<500	2,020	672	1.01
	04-May-06	N		<1	---	<1	<.5	ND	---	---	---	---	---	---	---
	05-May-06	N		<1	---	<1	<.5	ND	---	---	---	---	---	---	---
	06-May-06	N		<1 J/HD	<1	<1	<.5	ND	<.5	<.1	508	<500	1,720	597	1.11
	07-May-06	N		<1	---	<1	2.32	0.025	---	---	---	---	---	---	---
	09-May-06	N		<0.2 J/HD	<1	<1	28.8	0.075	<.5	<.1	518	<500	1,350	559	2.94
	10-May-06	N		<1	---	<1	60.2	0.148	---	---	---	---	---	---	---
	11-May-06	N		<1	---	<1	75.8	0.2	---	---	---	---	---	---	---
	12-May-06	N		<1 J/HD	---	<1	87.1	0.223	---	---	---	---	---	---	---
	13-May-06	N		<1 J/HD	2.46	<1	72.9	0.135	<.5	<.1	620	597	1,250	530	3.22
	13-May-06	FD		<0.2	9.68	<1	73.3	0.18	<.5	<.1	620	589	1,270	517	3.89
	23-May-06	N		<1	<1	<1	27.4	0.104	<.5	<.5	12,000	<500	1,550	573	1.59
	30-May-06	N		<1	3.09	<1	9.74	0.043	<.5	<.5	33,100	<500	1,260	533	1.94
	06-Jun-06	N		<1	<1	<1	4.86	0.031	<.5	<.5	5,140	<500	1,100	583	1.77
	06-Jun-06	FD		<1	1.61	<1	4.5	0.034	<.5	<.5	24,400	<500	1,130	575	2.41
	19-Jul-06	N		<1 J/HD	<1	<1	1.21	ND	<.5	<.5	14,500	588	936	544	4.05
	08-Aug-06	N		<0.2	<1	<.5	<.5	ND	<.5	<.1	11,800	<500	888	514	2.39
	06-Sep-06	**N**		**<0.2**	**<1**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**4,070**	**<500**	**821**	**590**	**2.2**

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PG&E Topock
Needles, California
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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-3D	18-Mar-06	N	95-105	4,390	4,370	<1	<.5	ND	3.33	<.5	<500	<500	16.7	984	<1
	05-Apr-06	N		4,440	4,680	8.87	<.5	ND	3.28	<.5	<500	<500	10.2	966	<1
	05-May-06	N		3,980	---	<1	<1	ND	---	---	---	---	---	---	---
	06-May-06	N		3,090 J/HD	3,420	666	2.93	0.031	1.73	<.1	<500	<500	28.4	699	80.3
	07-May-06	N		4,140	---	515	3.15	0.023	---	---	---	---	---	---	---
	09-May-06	N		3,900 J/HD	3,920	268	2.1	0.02	2.02	<.2	<500	<500	42	853	36
	10-May-06	N		3,680	---	199	<2.5	0.013	---	---	---	---	---	---	---
	11-May-06	N		3,700	---	159	---	ND	---	---	---	---	---	---	---
	12-May-06	N		1,940	---	127	<2.5	ND	---	---	---	---	---	---	---
	13-May-06	N		3,550 J/HD	3,630	96.8	3.07	0.151	2.1	<.2	<500	<500	309	909	9.41
	23-May-06	N		4,380	3,940	21.7	<.5	ND	2.73	<.5	671	<500	113	854	2.39
	30-May-06	N		3,880	4,030	<1	<1	ND	2.82	<.5	<500	<500	83.8	843	2.23
	06-Jun-06	N		3,730	3,770	2.92	<.5	ND	2.82	<.5	1,630	<500	67.5	985	1.31
	17-Jul-06	N		3,830	3,920	1.15	0.893	ND	2.92	0.722	<500	<500	22.4	690	3.31
	17-Jul-06	FD		3,730	3,820	<1	1.13	ND	2.93	0.723	<500	<500	22.2	885	3.14
	08-Aug-06	N		3,260	4,180	8.34	0.861	0.123	3.28	<.1	6,760	<500	27.7	875	2.99
	14-Aug-06	N		---	---	8.97	---	1,190	---	---	---	---	---	---	58
	17-Aug-06	N		---	---	9.65	---	387	---	---	---	---	---	---	10.5
	21-Aug-06	N		---	---	8.24	---	209	---	---	---	---	---	---	3.86
	24-Aug-06	N		---	---	7.09	---	181	---	---	---	---	---	---	8.53
	29-Aug-06	N		---	---	7.51	---	114	---	---	---	---	---	---	2.25
	29-Aug-06	**FD**		---	---	**7.5**	---	**108**	---	---	---	---	---	---	**2.35**
	05-Sep-06	**N**		**2,930**	**2,940**	**8.37**	**<10**	**49.9**	**<10**	**<2**	**<500**	**<500**	**1,660**	**801**	**2.33**
	12-Sep-06	**N**		---	---	**270**	---	**40.9**	---	---	---	---	---	---	**32.8**
	12-Sep-06	**FD**		---	---	**265**	---	**45.5**	---	---	---	---	---	---	**31.3**
	19-Sep-06	**N**		---	---	**60.8**	---	**18.6**	---	---	---	---	---	---	**6.91**

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PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-4S	15-Mar-06	N	35-45	<1	3.83	0.714 J	<.5	ND	<.5	<.1	4,060	713	919	474	1.69
	06-Apr-06	N		<1	5.84	<1	<.5	ND	<.5	<.5	2,510	1,350	707	450	1.69
	04-May-06	N		<1	---	<1	<1	ND	---	---	---	---	---	---	---
	05-May-06	N		<1	---	<1	<1	ND	---	---	---	---	---	---	---
	09-May-06	N		<0.2 J/HD	<1	<1	<.5	ND	<.5	<.1	10,800	1,490	657	472	2.4
	10-May-06	N		<1	---	<1	<2.5	ND	---	---	---	---	---	---	---
	11-May-06	N		<1	---	<1	<.5	ND	---	---	---	---	---	---	---
	12-May-06	N		<1	---	<1	<1	ND	---	---	---	---	---	---	---
	13-May-06	N		<1 J/HD	3.18	<1	<1	ND	<1	<.2	2,320	1,940	673	415	2.02
	23-May-06	N		<1	<1	<1	<.5	ND	<.5	<.5	18,600	<500	683	436	2.29
	30-May-06	N		<1	1.15	<1	<.5	ND	<.5	<.5	20,000	<500	650	426	2.72
	06-Jun-06	N		<1	<1	<1	<.5	0.073	<.5	<.5	8,530	1,340	610	492	2.56
	19-Jul-06	N		<0.2	<1	<1	<.5	ND	<.5	<.5	4,710	1,670	545	445	4.86
	08-Aug-06	N		<0.2	<1	<.5	<.5	0.165	<.5	<.1	4,270	1,710	617	431	4.21
	06-Sep-06	**N**		**<0.2**	**<1**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**4,440**	**1,260**	**614**	**499**	**3.46**
	06-Sep-06	**FD**		**<0.2**	**<1**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**3,780**	**1,360**	**634**	**461**	**3.16**
PT-4M	15-Mar-06	N	60-70	<1	<1	0.75 J	<.5	ND	<.5	<.1	<500	<500	966	609	<1
	07-Apr-06	N		<1	1.63	<1	<.5	ND	<.5	<.5	<500	<500	766	722	1.05
	04-May-06	N		<1	---	<1	<.5	ND	---	---	---	---	---	---	---
	08-May-06	N		<1	---	<1	<.5	ND	---	---	---	---	---	---	---
	09-May-06	N		<0.21 J/HD	<1	<1	<.5	ND	<.5	<.1	723	700	686	504	1.12
	10-May-06	N		<1	---	<1	<.5	ND	---	---	---	---	---	---	---
	11-May-06	N		<1 J/HD	---	<1	<.5	ND	---	---	---	---	---	---	---
	12-May-06	N		<1	---	<1	<.5	ND	---	---	---	---	---	---	---
	13-May-06	N		<1 J/HD	2.05	<1	<.5	ND	<.5	<.1	988	899	612	529	1.22
	23-May-06	N		<1	<1	<1	<.5	ND	<.5	<.5	3,700	<500	613	565	1.58
	30-May-06	N		<1	229	<1	<.5	ND	<.5	<.5	929	<500	492	534	2.05
	06-Jun-06	N		<1	2.24	<1	<.5	ND	<.5	<.5	1,330	<500	523	570	1.31
	19-Jul-06	N		<0.2	<1	<1	<.5	ND	<.5	<.5	1,270	892	492	518	5.5
	08-Aug-06	N		<0.2	<1	<.5	<.5	ND	<.5	<.1	1,960	724	535	528	3.22
	06-Sep-06	**N**		**0.29**	**<1**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**4,780**	**526**	**565**	**565**	**2.22**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-4D	15-Mar-06	N	95-105	5,670	5,510	<1	1.32	ND	4.28	<.5	<500	<500	8.27	1,080	<1
	05-Apr-06	N		5,960	5,480	12.9	<.5	ND	4.7	<.5	<500	<500	<5	1,110	1.05
	08-May-06	N		5,870	---	<1	<1	ND	---	---	---	---	---	---	---
	09-May-06	N		5,900 J/HD	5,900	<1	<2.5	ND	4.6	<.5	<500	<500	<5	1,110	1.16
	10-May-06	N		5,830	---	<1	<2.5	ND	---	---	---	---	---	---	---
	11-May-06	N		5,790	---	<1	<1	ND	---	---	---	---	---	---	---
	12-May-06	N		5,810	---	<1	<1	ND	---	---	---	---	---	---	---
	13-May-06	N		5,710 J/HD	5,900	<1	<1	ND	4.36	<.2	<500	<500	<5	1,050	1.21
	23-May-06	N		5,750	5,880	<1	<.5	ND	4.91	<.5	<500	<500	<5	1,010	1.6
	23-May-06	FD		---	5,970	<1	<.5	ND	4.89	<.5	<500	<500	<5	1,010	1.87
	30-May-06	N		5,730	5,740	<1	<1	ND	4.75	<.5	2,390	<500	21	989	2.32
	06-Jun-06	N		5,800	5,560	<1	<.5	0.078	4.7	<.5	<500	<500	<5	1,130	1.44
	19-Jul-06	N		5,360	5,830	<1	0.989	ND	4.5	<.5	<500	<500	<5	957	7.78
	08-Aug-06	N		5,080	5,800	10.1	0.914	0.024	4.31	<.1	<500	<500	13.2	989	2.99
	06-Sep-06	N		5,750	5,720	3.57	0.647	ND	4.76	<.2	<500	<500	<5	1,030	2.18
PT-5S	16-Mar-06	N	35-45	<1	2.71	<1	<.5	ND	<.5	<.1	949	971	2,440	401	3.2
	07-Apr-06	N		<1	<1	<1	<.5	ND	<.5	<.5	995	1,030	1,850	490	2.76
	01-Jun-06	N		<1	<1	<1	<.5	ND	<.5	<.1	4,250	1,870	1,530	372	4.14
	19-Jul-06	N		<1	<1	<1	<.5	ND	<.5	<.5	3,530	2,470	1,400	351	12.7
	09-Aug-06	N		<200	<1	<.5	2.26	ND	<.5	<.1	3,220	2,410	1,350	375	8.3
	08-Sep-06	**N**		**<0.2**	**<1**	**<.5**	**0.586**	**ND**	**<.5**	**3.7**	**4,070**	**2,840**	**1,410**	**340**	**6.95**
PT-5M	16-Mar-06	N	60-70	<1	<1	<1	<.5	ND	<.5	<.1	<500	<500	707	463	1.04
	07-Apr-06	N		<1	<1	<1	<.5	ND	<.5	<.5	1,850	1,820	1,770	443	3.31
	01-Jun-06	N		<1 J/HD	<1	<1	<.5	ND	<.5	<.1	4,570	<500	168	437	1.62
	19-Jul-06	N		<0.2	<1	<1	<.5	ND	<.5	<.5	2,240	<500	109	404	6.53
	09-Aug-06	N		<200 J/HD	<1	<.5	<.5	ND	<.5	<.1	3,770	<500	83.5	372	3.75
	08-Sep-06	**N**		**<0.2**	**<1**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**9,570**	**<500**	**82.3**	**404**	**2.77**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-5D	16-Mar-06	N	95-105	6,150	5,650	<1	<.5	ND	4.86	0.258	<500	<500	355	1,080	<1
	07-Apr-06	N		<0.2	<1	<1	<.5	ND	<.5	<.5	2,280	2,200	1,700	403	3.49
	12-May-06	N		4,250	4,680	<1	1.17	0.02	3.58	<1	<500	<500	209	1,020	1.34
	01-Jun-06	N		3,900	3,930	<1	<.5	ND	3.18	<.1	3,550	<500	132	919	1.27
	17-Jul-06	N		3,640	3,890	<1	1.01	ND	2.98	0.613	<500	<500	90.8	882	3.73
	09-Aug-06	N		<20000 J/HD	3,880	6.85	<1	ND	3.12	<.2	<500	<500	55.8	933	1.74
	08-Sep-06	**N**		**4,420**	**4,930**	**9.71**	**<1**	**ND**	**3.61**	**<.2**	**<500**	**<500**	**40**	**923**	**2.33**
PT-6S	16-Mar-06	N	35-45	<1	---	---	---	---	---	---	---	---	---	---	---
	18-Mar-06	N		---	4.6	<1	1.18	ND	<.5	<1	4,560	3,530	9,260	60	13.4
	04-Apr-06	N		<1	<1	<1	1.3	ND	<.5	<.5	11,600	6,310	7,650	57.8	14.2
	13-May-06	N		<1 J/HD	2.83	<1	<1	ND	<1	<.2	33,000	13,400	4,400	3.03	13
	22-May-06	N		<1 J/HD	26	<1	<.5	ND	<.5	<.5	22,600	1,180	3,710	5.91	13.9
	01-Jun-06	N		<1 J/HD	1.38	<1	<.5	ND	<.5	<.1	17,000	12,600	3,710	6.96	13.4
	06-Jun-06	N		<1	1.44	<1	<2.5	ND	<2.5	<.5	19,000	17,100	3,250	4.57	14.8
	19-Jul-06	N		1.1	17.2	<1	2.72	ND	<.5	<.5	19,900	17,200	2,970	2.56	16.9
	09-Aug-06	N		<200	1.41	<.5	2.9	ND	<.5	<.1	23,700	16,500	3,170	76.2	16.1
	08-Sep-06	**N**		**<0.2**	**2.56**	**<1**	**<1**	**ND**	**<1**	**<.2**	**22,900**	**15,800**	**2,810**	**4.46**	**16.4**
PT-6M	16-Mar-06	N	60-70	<1	<1	<1	<.5	ND	<.5	<.1	<500	<500	56.1	486	<1
	04-Apr-06	N		<1	<1	<1	<.5	ND	<.5	<.5	<500	<500	55.2	498	1.22
	13-May-06	N		<1 J/HD	4.53	<1	<.5	ND	<.5	<.1	<500	<500	71.2	509	1.7
	23-May-06	N		<1	<1	<1	<.5	ND	<.5	<.5	1,690	<500	71.2	476	1.11
	01-Jun-06	N		<1	1.24	<1	<.5	ND	<.5	<.1	1,150	<500	77.6	479	1.4
	06-Jun-06	N		<1	1.66	<1	<.5	ND	<.5	<.5	1,650	<500	76.4	528	3.14
	19-Jul-06	N		<0.2	2.53	<1	<.5	ND	<.5	<.5	641	<500	89.2	471	4.28
	09-Aug-06	N		<200 J/HD	<1	<.5	<.5	ND	<.5	<.1	<500	<500	94.1	465	5.44
	08-Sep-06	**N**		**<0.2**	**<1**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**2,790**	**<500**	**108**	**452**	**2.97**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PT-6D	16-Mar-06	N	95-105	3,310	3,140	<1	<.5	ND	2.5	0.218	<500	<500	361	844	<1
	04-Apr-06	N		2,270	2,180	4.23	<.5	ND	1.73	<.5	<500	<500	258	750	<1
	13-May-06	N		1,760 J/HD	1,720	<1	<1	ND	1.49	<.2	1,320	<500	169	810	1.16
	22-May-06	N		1,610 J/HD	1,970	<1	<.5	ND	1.42	<.5	2,520	<500	168	719	1.96
	01-Jun-06	N		1,440	1,420	<1	<.5	ND	1.2	<.1	764	<500	152	711	1.08
	06-Jun-06	N		1,340	1,290	<1	1.85	0.105	1.38	<.5	1,130	<500	134	750	2.45
	17-Jul-06	N		1,220	1,120	<1	<.5	ND	0.994	0.917	<500	<500	112	670	3.54
	09-Aug-06	N		<10000 J/HD	1,440	3.34	0.94	ND	1.27	<.1	<500	<500	77.2	684	2.67
	08-Sep-06	**N**		**1,540**	**1,520**	**3.54**	**<.5**	**ND**	**1.55**	**<.1**	**<500**	**<500**	**70.6**	**726**	**2.17**
PTI-1S	15-Mar-06	N	35-45	<1	19.8	0.708 J	<.5	ND	<.5	<.1	7,360	8,350	717	122	4.55
	05-Apr-06	N		<1	<1	<1	<.5	ND	<.5	<.5	7,730	3,320	606	120	4.84
	06-May-06	N		<1 J/HD	4.15	<1	1,130	1,950	<2.5	<.5	21,500	19,900	980	15	588
	07-May-06	N		<1 J/HD	---	<1	449	3,820	---	---	---	---	---	---	452
	09-May-06	N		<1	---	<1	360	3,820	---	---	---	---	---	---	474
	09-May-06	FD		<0.2	---	<1	360	3,770	---	---	---	---	---	---	467
	10-May-06	N		<1	---	<1	362	3,560	---	---	---	---	---	---	506
	11-May-06	N		<1	---	<1	316	3,760	---	---	---	---	---	---	543
	12-May-06	N		<1	---	<1	284	3,710	---	---	---	---	---	---	558
	13-May-06	N		---	---	<1	288	3,730	---	---	---	---	---	---	525
	23-May-06	N		---	---	<1	213	3,810	---	---	---	---	---	---	214
	31-May-06	N		---	---	<1	56.4	4,090	---	---	---	---	---	---	188
	05-Jun-06	N		---	---	<1	28.7	3,750	---	---	---	---	---	---	136
	18-Jul-06	N		<0.2	---	<1	3.05	647	---	---	---	---	---	---	9.33
	07-Aug-06	N		<0.2	---	<.5	<.5	196	---	---	---	---	---	---	11.4
	07-Sep-06	**N**		**<1**	**---**	**<1**	**<1**	**73.4**	**---**	**---**	**---**	**---**	**---**	**---**	**8.1**

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PTI-1M	15-Mar-06	N	60-70	3.9	8.2	0.718 J	<.5	ND	<.5	<.1	<500	<500	141	510	<1
	04-Apr-06	N		3.3	11.1	<1	<.5	ND	<.5	<.5	<500	<500	99.5	529	<1
	06-May-06	N		<1 J/HD	<1	<1	1,430	0.853	<.5	<.1	<500	<500	1,770	18.7	210
	07-May-06	N		<1 J/HD	---	<1	1,510	0.728	---	---	---	---	---	---	215
	09-May-06	N		<1	---	---	621	0.272	---	---	---	---	---	---	83.4
	10-May-06	N		<1	---	<1	1,080	0.746	---	---	---	---	---	---	111
	11-May-06	N		<1	---	<1	1,130	0.79	---	---	---	---	---	---	101
	12-May-06	N		<1	---	<1	1,090	0.934	---	---	---	---	---	---	77.6
	13-May-06	N		---	---	<1	1,060	1.04	---	---	---	---	---	---	67.6
	23-May-06	N		---	---	<1	1,490	1.58	---	---	---	---	---	---	77.8
	31-May-06	N		---	---	<1	169	0.298	---	---	---	---	---	---	3.56
	05-Jun-06	N		---	---	<1	125	0.281	---	---	---	---	---	---	2.18
	18-Jul-06	N		<1	---	<1	28.4	0.1	---	---	---	---	---	---	3.12
	07-Aug-06	N		<0.2	---	<.5	18.1	1.57	---	---	---	---	---	---	6.07
	07-Sep-06	**N**		**<0.2**	**---**	**<.5**	**5.66**	**0.047**	**---**	**---**	**---**	**---**	**---**	**---**	**2.42**

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
PTI-1D	15-Mar-06	N	95-105	1,620	1,580	<1	2.63	ND	<.5	<.5	<500	<500	1,070	907	1.3
	03-Apr-06	N		3,350	3,370	6.42	<.5	ND	2.59	<.5	<500	<500	140	912	<1
	07-May-06	N		<1 J/HD	---	1,640	8.27	0.153	---	---	---	---	---	---	195
	09-May-06	N		<1	---	1,950	19.2	0.794	---	---	---	---	---	---	204
	10-May-06	N		937	---	672	4.56	0.087	---	---	---	---	---	---	46.4
	11-May-06	N		1,050	---	613	3.76	0.059	---	---	---	---	---	---	31.9
	12-May-06	N		<1 J/HD	---	2,400	12.6	0.603	---	---	---	---	---	---	215
	13-May-06	N		---	---	1,760	8.24	0.145	---	---	---	---	---	---	206
	22-May-06	N		---	---	57.9	0.942	ND	---	---	---	---	---	---	2.34
	31-May-06	N		---	---	<1	<.5	ND	---	---	---	---	---	---	3.26
	05-Jun-06	N		---	---	20	<.5	ND	---	---	---	---	---	---	2.45
	18-Jul-06	N		1,360	---	1.65	0.512	ND	---	---	---	---	---	---	3.42
	07-Aug-06	N		1,820	---	4.65	<.5	ND	---	---	---	---	---	---	7.28
	15-Aug-06	N		---	---	<5	---	2,850	---	---	---	---	---	---	117
	17-Aug-06	N		---	---	14.3	---	1,830	---	---	---	---	---	---	53.7
	22-Aug-06	N		---	---	1.5	---	849	---	---	---	---	---	---	13.1
	24-Aug-06	N		---	---	<1	---	629	---	---	---	---	---	---	6.76
	29-Aug-06	**N**		**---**	**---**	**<1**	**---**	**285**	**---**	**---**	**---**	**---**	**---**	**---**	**3.53**
	05-Sep-06	**N**		**231**	**---**	**<.5**	**<.5**	**168**	**---**	**---**	**---**	**---**	**---**	**---**	**3.76**
	12-Sep-06	**N**		**---**	**---**	**873**	**---**	**30.4**	**---**	**---**	**---**	**---**	**---**	**---**	**110**
	19-Sep-06	**N**		**---**	**---**	**260**	**---**	**30**	**---**	**---**	**---**	**---**	**---**	**---**	**11**
PE-1	17-Mar-06	N		148	138	<1	<.5	ND	<.5	<.5	<500	<500	12.7	900	2.14
	05-Apr-06	N		140	136	<1	<.5	ND	<.5	<.5	<500	<500	12.3	939	1.99
	01-Jun-06	N		114	111	<1	<.5	ND	<.5	<.1	<500	<500	12.5	773	2.34
	17-Jul-06	N		97	96.2	<1	1.11	ND	<.5	1.11	<500	<500	10.7	772	4.16
	07-Aug-06	N		100	98.6	<.5	<.5	ND	<.5	<.1	<500	<500	10.5	699	8.83
	07-Aug-06	FD		104	100	<.5	0.868	ND	<.5	<.1	<500	<500	10.7	692	4.58
	06-Sep-06	**N**		**94.5**	**102**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**<500**	**<500**	**11**	**751**	**3.23**

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
TW-2D	17-Mar-06	N		1,430	1,530	<1	<.5	ND	1.67	<.5	<500	<500	<5	501	<1
	05-Apr-06	N		1,350	1,240	2.55	<.5	ND	1.51	<.5	<500	<500	<5	509	<1
	19-Jul-06	N		802	785	7.09	0.55	ND	1.34	<.5	<500	<500	<5	483	2.88
	07-Aug-06	N		943	797	2.51	0.791	ND	1.79	<.1	<500	<500	<5	433	6.62
	14-Aug-06	N		---	---	5.29	---	ND	---	---	---	---	---	---	6.29
	17-Aug-06	N		---	---	3.9	---	ND	---	---	---	---	---	---	1.27
	22-Aug-06	N		---	---	4.56	---	ND	---	---	---	---	---	---	1.2
	24-Aug-06	N		---	---	3.88	---	ND	---	---	---	---	---	---	8.17
	29-Aug-06	**N**		**---**	**---**	**4.02**	**---**	**ND**	**---**	**---**	**---**	**---**	**---**	**---**	**1.94**
	06-Sep-06	**N**		**780**	**813**	**2.83**	**<.5**	**ND**	**2.34**	**<.1**	**<500**	**<500**	**<5**	**398**	**1.81**
	12-Sep-06	**N**		**---**	**---**	**1.76**	**---**	**ND**	**---**	**---**	**---**	**---**	**---**	**---**	**2.13**
	19-Sep-06	**N**		**---**	**---**	**2.56**	**---**	**0.114**	**---**	**---**	**---**	**---**	**---**	**---**	**5.42**
TW-3D	17-Mar-06	N		3,350	3,070	<1	<.5	ND	4.87	<.2	<500	<500	<5	613	1.04
	05-Apr-06	N		3,140	2,980	6.12	<.5	ND	4.61	<.5	<500	<500	<5	645	<1
	19-Jul-06	N		2,440	2,360	<1	1	ND	3.89	<.5	<500	<500	<5	637	3
	07-Aug-06	N		2,600	2,580	5.86	0.849	ND	4.08	<.1	<500	<500	<5	599	5.26
	14-Aug-06	N		---	---	6.23	---	ND	---	---	---	---	---	---	3.31
	17-Aug-06	N		---	---	6.31	---	ND	---	---	---	---	---	---	1.41
	22-Aug-06	N		---	---	6.43	---	ND	---	---	---	---	---	---	1.4
	24-Aug-06	N		---	---	6.21	---	0.288	---	---	---	---	---	---	8.22
	29-Aug-06	**N**		**---**	**---**	**6.33**	**---**	**0.085**	**---**	**---**	**---**	**---**	**---**	**---**	**2.08**
	06-Sep-06	**N**		**2,570**	**2,620**	**6.1**	**<1**	**ND**	**3.94**	**<.2**	**<500**	**<500**	**<5**	**656**	**2.05**
	12-Sep-06	**N**		**---**	**---**	**5.19**	**---**	**ND**	**---**	**---**	**---**	**---**	**---**	**---**	**2.43**
	19-Sep-06	**N**		**---**	**---**	**5.57**	**---**	**0.179**	**---**	**---**	**---**	**---**	**---**	**---**	**4.88**
INJ_SOLUTION_01	04-May-06	N		---	---	---	---	5,620	---	---	---	---	---	---	265
	05-May-06	N		---	---	---	<5	---	---	---	---	---	---	---	---
INJ_SOLUTION_02	05-May-06	N		---	---	---	1,790	---	---	---	---	---	---	---	276
INJ_SOLUTION_03	06-May-06	N		---	---	1,960	---	---	---	---	---	---	---	---	258
	11-Aug-06	N		---	---	<5	---	5,140	---	---	---	---	---	---	459
	07-Sep-06	**N**		**<0.2**	**---**	**1,670**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**466**

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)
Make_Up_Water	05-May-06	N		---	---	<1	<.5	---	---	---	---	---	---	---	---
Field Blank	17-Mar-06	FB		<0.21	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	<1
	04-Apr-06	FB		<0.2	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	<1
	09-May-06	EB		<0.2 J/HD	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	<1
	13-May-06	FB		<0.2	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	<1
	24-May-06	FB		0.25	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	2.45	1.53
	01-Jun-06	FB		<0.2	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	21.4
	05-Jun-06	FB		<0.2	<1	<1	<.5	0.027	<.5	<.1	<500	<500	<5	<.5	<1
	17-Jul-06	FB		<0.21	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	2.51
	07-Aug-06	FB		<0.2	<1	<.5	<.5	ND	<.5	<.1	<500	<500	<5	<.5	5.16
	14-Aug-06	FB		---	---	<.5	---	ND	---	---	---	---	---	---	4.04
	21-Aug-06	FB		---	---	<.5	---	0.033	---	---	---	---	---	---	1.08
	29-Aug-06	**FB**		**---**	**---**	**<.5**	**---**	**ND**	**---**	**---**	**---**	**---**	**---**	**---**	**1.49**
	06-Sep-06	**FB**		**<0.2**	**<1**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**<500**	**<500**	**<5**	**4.47**	**1.85**
	12-Sep-06	**FB**		**---**	**---**	**<.5**	**---**	**ND**	**---**	**---**	**---**	**---**	**---**	**---**	**1.69**
	19-Sep-06	**FB**		**---**	**---**	**<.5**	**---**	**ND**	**---**	**---**	**---**	**---**	**---**	**---**	**4.04**
Equipment Blank	17-Mar-06	EB		<0.21	2.91	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	<1
	07-Apr-06	EB		<0.2	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	<1
	09-May-06	FB		<0.2 J/HD	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	<1
	13-May-06	EB		<0.2	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	1.33
	24-May-06	EB		0.23	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	2.47	1.17
	01-Jun-06	EB		<0.2	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	<1
	05-Jun-06	EB		<0.2	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	1.03
	17-Jul-06	EB		<0.21	<1	<1	<.5	ND	<.5	<.1	<500	<500	<5	<.5	2.95
	07-Aug-06	EB		<0.2	<1	<.5	<.5	ND	<.5	<.1	<500	<500	<5	0.539	3.84
	14-Aug-06	EB		---	---	<.5	---	ND	---	---	---	---	---	---	4.45
	21-Aug-06	EB		---	---	<.5	---	ND	---	---	---	---	---	---	1.11
	29-Aug-06	**EB**		**---**	**---**	**<.5**	**---**	**ND**	**---**	**---**	**---**	**---**	**---**	**---**	**1.57**
	06-Sep-06	**EB**		**<0.2**	**<1**	**<.5**	**<.5**	**ND**	**<.5**	**<.1**	**<500**	**<500**	**<5**	**4.11**	**<1**
	12-Sep-06	**EB**		**---**	**---**	**<.5**	**---**	**ND**	**---**	**---**	**---**	**---**	**---**	**---**	**2.03**
	19-Sep-06	**EB**		**---**	**---**	**<.5**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**4.38**

Notes on following page.

Table 3
Summary of Primary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Hexavalent Chromium (µg/L)	Dissolved Chromium (µg/L)	Iodide (mg/L)	Bromide (mg/L)	Fluorescein (ppb)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Iron (µg/L)	Dissolved Iron (µg/L)	Dissolved Manganese (µg/L)	Sulfate (mg/L)	Total Organic Carbon (mg/L)

Notes:
Most recent data indicated in **BOLD**

ft bgs	Feet below ground surface
mg/L	Milligrams per liter
µg/L	Micrograms per liter
ppb	Parts per billion
<	Symbol indicates not detected at or above laboratory detection limit as noted
N	Normal
EB	Equipment blank
FB	Field blank
FD	Field duplicate
J	Reported value is estimated
J/HD	Sample analyzed beyond USEPA-recommended holding time. Results may still be used for their intended purpose.
NA	Not applicable
ND	Not detected
Nitrate-N	Nitrate as Nitrogen
	Nitrite as
Nitrite-N	Nitrogen
---	Not analyzed/Not available
USEPA	United States Environmental Protection Agency

Table 4
Summary of Secondary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PT-1S	17-Mar-06	N	35-45	262,000	74,700	<5	15,400	1,040,000	367	<5	1,710	<.5	<2	---
	06-Apr-06	N		267,000	70,500	<5	14,400	1,090,000	368	<5	1,740	<.5	<2	3,860
	06-May-06	N		287,000	83,200	<5	14,800	1,110,000	437	<5	2,180	<.5	<2	4,680
	09-May-06	N		298,000	89,100	<5	14,500	1,110,000	405	<5	1,910	<.5	<2	---
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	4,340
	13-May-06	N		260,000	79,100	<5	13,900	1,080,000	423	<5	2,140	<1	<2	---
	23-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	01-Jun-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		278,000	83,600	10.4	14,600	1,060,000	461	<5	1,960	<.5	<2	---
	18-Jul-06	N		277,000	76,700	7.51	14,000	1,080,000	424	<5	1,570	<.5	<2	4,000
	08-Aug-06	N		328,000	107,000	9.3	16,300	1,190,000	464	<5	2,170	<.5	<2	4,430
	06-Sep-06	**N**		**311,200**	**80,400**	**18.2**	**16,700**	**1,030,000**	**475**	**<5**	**1,990**	**<.5**	**<2**	**3,830**
PT-1M	17-Mar-06	N	60-70	229,000	40,100	<5	15,700	1,230,000	145	<5	1,790	<.5	<2	---
	06-Apr-06	N		242,000	40,600	<5	15,000	1,290,000	144	<5	1,840	<.5	<2	4,250
	06-May-06	N		233,000	36,600	<5	13,200	1,370,000	168	<5	1,820	<.5	<2	4,340
	09-May-06	N		214,000	34,700	6.56	12,800	1,280,000	125	<5	1,790	<.5	<2	---
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	3,470
	13-May-06	N		207,000	35,800	9.84	12,500	1,380,000	192	<5	1,880	<.5	<2	---
	24-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	31-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		221,000	38,900	7.14	12,700	1,290,000	191	<5	2,140	<.5	<2	---
	18-Jul-06	N		235,000	38,700	5.53	12,600	1,350,000	197	<5	1,730	<.5	<2	4,130
	08-Aug-06	N		218,000	37,900	5.49	12,100	1,230,000	209	<5	1,870	<.5	<2	4,120
	06-Sep-06	**N**		**230,000**	**40,200**	**5.96**	**13,300**	**1,320,000**	**239**	**<5**	**1,840**	**<.5**	**<2**	**3,920**

Table 4
Summary of Secondary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PT-1D	17-Mar-06	N	95-105	321,000	24,900	<5	24,600	2,540,000	107	<5	3,650	<.5	<2	---
	17-Mar-06	FD		316,000	24,900	<5	24,800	2,550,000	110	<5	3,610	<.5	<2	---
	06-Apr-06	N		332,000	24,000	<5	25,300	2,680,000	101	<5	3,780	<.5	<2	8,070
	06-Apr-06	FD		334,000	23,600	<5	25,100	2,700,000	98.1	<5	3,700	<.5	<2	8,260
	06-May-06	N		357,000	24,300	<5	25,300	2,930,000	85.2	<5	4,230	<.5	<2	8,260
	09-May-06	N		260,000	17,700	<5	20,800	2,360,000	130	<5	3,170	<1	<2	6,960
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	7,070
	13-May-06	N		223,000	16,600	<5	20,700	2,340,000	160	<5	2,170	<1	<2	---
	24-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	31-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	05-Jun-06	N		220,000	17,400	5.38	26,300	2,160,000	127	<5	3,210	<.5	<2	---
	17-Jul-06	N		287,000	21,500	<5	36,200	2,500,000	109	<5	3,160	<.5	<2	7,010
	08-Aug-06	N		264,000	21,000	<5	36,700	2,410,000	110	<5	3,350	<.5	<2	6,860
	05-Sep-06	**N**		**178,000**	**14,600**	**6.23**	**28,900**	**2,180,000**	**126**	**<5**	**2,810**	**<1**	**<2**	**5,540**
PT-2S	17-Mar-06	N	35-45	273,000	92,700	<5	12,500	929,000	613	<5	1,630	<.5	<2	---
	06-Apr-06	N		300,000	99,800	<5	12,100	1,030,000	635	<5	1,670	<.5	<2	3,810
	24-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	01-Jun-06	N		---	---	---	---	---	---	---	---	---	<2	---
	07-Jun-06	N		324,000	105,000	5.77	11,600	1,000,000	691	<5	1,900	<.5	<2	---
	18-Jul-06	N		336,000	103,000	6.66	10,500	1,040,000	646	<5	1,740	<.5	<2	4,230
	08-Aug-06	N		353,000	110,000	8.48	10,900	1,040,000	574	<5	1,960	<.5	<2	4,170
	06-Sep-06	**N**		**335,000**	**113,000**	**7.21**	**11,500**	**1,060,000**	**667**	**<5**	**1,940**	**<.5**	**<2**	**4,020**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PT-2M	17-Mar-06	N	60-70	227,000	35,600	<5	14,700	1,340,000	264	<5	1,880	<.5	<2	---
	06-Apr-06	N		232,000	35,600	<5	13,400	1,400,000	204	<5	1,920	<.5	<2	4,430
	24-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	31-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	31-May-06	FD		---	---	---	---	---	---	---	---	---	<2	---
	07-Jun-06	N		220,000	36,500	<5	12,600	1,360,000	212	<5	2,020	<.5	<2	---
	18-Jul-06	N		221,000	35,900	<5	11,900	1,320,000	237	<5	1,870	<.5	<2	4,050
	08-Aug-06	N		218,000	36,200	<5	11,900	1,280,000	228	<5	1,810	<.5	<2	3,920
	06-Sep-06	**N**		**225,000**	**38,400**	**<5**	**13,200**	**1,280,000**	**241**	**<5**	**1,810**	**<.5**	**<2**	**3,820**
PT-2D	17-Mar-06	N	95-105	314,000	25,700	<5	24,900	2,530,000	125	<5	3,530	<.5	<2	---
	17-Mar-06	FD		315,000	26,300	<5	25,200	2,560,000	112	<5	3,560	<.5	<2	---
	06-Apr-06	N		338,000	25,600	<5	25,100	2,640,000	109	<5	3,550	<.5	<2	8,120
	06-Apr-06	FD		338,000	25,800	<5	25,300	2,650,000	109	<5	3,660	<.5	<2	8,040
	24-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	31-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	07-Jun-06	N		231,000	18,100	5.36	21,700	2,310,000	154	<5	3,120	<.5	<2	---
	17-Jul-06	N		261,000	20,300	<5	22,800	2,320,000	102	<5	3,300	<.5	<2	7,090
	07-Aug-06	N		266,000	21,600	<5	23,600	2,460,000	99.2	<5	3,550	<.5	<2	7,190
	06-Sep-06	**N**		**227,000**	**18,900**	**5.34**	**24,300**	**2,300,000**	**134**	**<5**	**2,980**	**<1**	**<2**	**6,000**

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PG&E Topock
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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PT-3S	16-Mar-06	N	35-45	244,000	85,600	<5	10,000	942,000	334	<5	1,740	<.5	<2	---
	03-Apr-06	N		236,000	80,600	5.08	10,300	930,000	369	<5	1,800	<.5	<2	4,080
	06-May-06	N		270,000	86,300	6.06	10,100	1,080,000	378	<5	1,900	<.5	<2	3,770
	06-May-06	FD		265,000	85,100	5.96	10,100	1,060,000	367	<5	1,860	<.5	<2	3,610
	09-May-06	N		281,000	93,100	6.28	11,100	1,150,000	367	<5	1,850	<1	<2	4,030
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	3,950
	13-May-06	N		238,000	79,500	6.32	9,840	1,050,000	365	<5	1,820	<1	<2	---
	23-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	30-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		189,000	63,000	8.17	9,260	9,170,000	505	<5	1,250	<2.5	<2	---
	19-Jul-06	N		181,000	59,300	8.6	12,100	1,010,000	507	<5	1,530	<.5	<2	3,470
	08-Aug-06	N		203,000	64,100	8.97	14,100	1,040,000	477	<5	1,620	<.5	<2	3,560
	06-Sep-06	**N**		**227,000**	**71,600**	**8.21**	**17,700**	**1,080,000**	**480**	**<5**	**1,750**	**<.5**	**<2**	**3,430**
PT-3M	18-Mar-06	N	60-70	162,000	32,600	<5	19,900	1,360,000	112	<5	1,830	<.5	<2	---
	07-Apr-06	N		184,000	30,500	<5	18,300	1,510,000	131	<5	1,910	<.5	<2	4,420
	06-May-06	N		194,000	28,900	<5	15,100	1,490,000	157	<5	2,050	<.5	<2	4,120
	09-May-06	N		186,000	28,800	<5	14,100	1,440,000	170	<5	2,020	<.5	<2	4,410
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	4,370
	13-May-06	N		193,000	28,300	<5	13,800	1,500,000	176	<5	2,040	<.5	<2	---
	13-May-06	FD		193,000	28,300	<5	13,700	1,490,000	184	<5	1,970	<.5	<2	---
	23-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	30-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		184,000	27,100	<5	12,900	1,360,000	172	<5	2,170	<.5	<2	---
	06-Jun-06	FD		189,000	27,900	<5	13,400	1,410,000	196	<5	2,160	<.5	<2	---
	19-Jul-06	N		177,000	26,400	<5	12,600	1,370,000	180	<5	1,930	<.5	<2	4,230
	08-Aug-06	N		182,000	26,400	<5	13,100	1,430,000	193	<5	1,770	<.5	<2	4,190
	06-Sep-06	**N**		**178,000**	**26,100**	**<5**	**13,200**	**1,400,000**	**209**	**<5**	**1,860**	**<.5**	**<2**	**3,970**

Table 4
Summary of Secondary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PT-3D	18-Mar-06	N	95-105	273,000	19,200	<5	22,900	2,570,000	104	<5	3,920	<.5	<2	---
	05-Apr-06	N		277,000	18,200	<5	22,200	2,720,000	87.2	<5	3,760	<.5	<2	8,130
	06-May-06	N		218,000	13,400	<5	19,500	2,300,000	117	<5	3,080	<.5	<2	6,950
	09-May-06	N		243,000	16,000	<5	21,200	2,620,000	114	<5	3,330	<1	<2	7,500
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	7,070
	13-May-06	N		234,000	16,700	5.06	20,700	2,590,000	112	<5	3,660	<1	<2	---
	23-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	30-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		249,000	17,100	<5	22,000	2,670,000	98.1	<5	3,990	<.5	<2	---
	17-Jul-06	N		258,000	16,500	5.03	22,200	2,740,000	99.3	<5	2,550	<.5	<2	7,550
	17-Jul-06	FD		256,000	16,200	<5	22,000	2,690,000	99.3	<5	3,480	<.5	<2	7,400
	08-Aug-06	N		241,000	16,200	<5	21,500	2,700,000	93.8	<5	3,510	<.5	<2	7,240
	05-Sep-06	**N**		**236,000**	**16,800**	**5.66**	**22,600**	**2,890,000**	**100**	**<5**	**3,460**	**<10**	**<2**	**7,290**
PT-4S	15-Mar-06	N	35-45	261,000	64,300	6.22	14,100	1,180,000	184	<5	1,800	1.35	<2	---
	06-Apr-06	N		282,000	61,800	6.56	13,400	1,300,000	188	<5	2,020	<.5	<2	4,470
	09-May-06	N		276,000	61,500	7.84	12,100	1,270,000	197	<5	2,110	<.5	<2	4,580
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	4,510
	13-May-06	N		267,000	61,100	7.59	12,300	1,300,000	181	<5	2,210	<1	<2	---
	23-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	30-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		263,000	60,200	8.38	12,000	1,200,000	211	<5	2,270	<.5	<2	---
	19-Jul-06	N		260,000	59,100	8.44	12,300	1,250,000	208	<5	1,970	<.5	<2	4,600
	08-Aug-06	N		264,000	60,800	9.45	11,900	1,260,000	201	<5	1,960	<.5	<2	4,240
	06-Sep-06	**N**		**269,000**	**61,700**	**8.91**	**13,100**	**1,300,000**	**222**	**<5**	**2,080**	**<.5**	**<2**	**4,260**
	06-Sep-06	**FD**		**275,000**	**63,600**	**9.67**	**13,400**	**1,320,000**	**207**	**<5**	**2,120**	**<.5**	**<2**	**4,370**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PT-4M	15-Mar-06	N	60-70	148,000	25,700	<5	18,700	1,370,000	144	<5	1,800	<.5	<2	---
	07-Apr-06	N		155,000	28,900	<5	20,400	1,480,000	117	<5	1,800	<.5	<2	4,190
	09-May-06	N		176,000	27,200	<5	15,400	1,490,000	168	<5	2,020	<.5	<2	4,250
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	3,870
	13-May-06	N		174,000	25,700	<5	14,000	1,460,000	178	<5	2,010	<.5	<2	---
	23-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	30-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		176,000	25,900	<5	13,400	1,380,000	184	<5	2,170	<.5	<2	---
	19-Jul-06	N		170,000	26,700	<5	13,300	1,370,000	188	<5	1,870	<.5	<2	4,290
	08-Aug-06	N		166,000	25,000	<5	13,200	1,390,000	188	<5	1,830	<.5	<2	4,100
	06-Sep-06	**N**		**176,000**	**27,100**	**<5**	**14,300**	**1,440,000**	**207**	**<5**	**1,940**	**<.5**	**<2**	**3,900**
PT-4D	15-Mar-06	N	95-105	334,000	20,700	5.13	24,800	3,150,000	79.4	<5	4,350	<.5	<2	---
	05-Apr-06	N		339,000	21,100	<5	24,000	3,060,000	68.1	<5	4,450	<.5	<2	9,150
	09-May-06	N		339,000	21,100	5.36	24,300	3,200,000	69.2	<5	4,500	<2.5	<2	9,040
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	9,290
	13-May-06	N		339,000	21,000	5.19	24,500	3,200,000	69.2	<5	4,380	<1	<2	---
	23-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	23-May-06	FD		---	---	---	---	---	---	---	---	---	<2	---
	30-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		325,000	20,200	5.27	24,200	2,970,000	66.2	<5	4,850	<.5	<2	---
	19-Jul-06	N		341,000	20,800	5.44	25,800	3,230,000	71	<5	4,000	<.5	<2	8,770
	08-Aug-06	N		340,000	20,500	5.07	24,000	3,560,000	67	<5	4,230	<.5	<2	9,060
	06-Sep-06	**N**		**336,000**	**19,600**	**5.41**	**25,600**	**3,130,000**	**63.8**	**<5**	**4,610**	**<.5**	**<2**	**8,710**

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PT-5S	16-Mar-06	N	35-45	315,000	72,300	8.86	14,200	1,320,000	279	<5	2,050	<.5	<2	---
	07-Apr-06	N		323,000	65,700	9.36	13,800	1,460,000	237	<5	2,170	<.5	<2	5,080
	01-Jun-06	N		---	---	---	---	---	---	---	---	---	<2	---
	19-Jul-06	N		386,000	84,300	12.7	13,800	1,450,000	375	<5	2,580	<.5	<2	5,460
	09-Aug-06	N		399,000	87,500	13.4	14,100	1,470,000	393	<5	2,670	<.5	<2	5,490
	08-Sep-06	**N**		**427,000**	**99,100**	**14.3**	**15,600**	**1,540,000**	**421**	**<5**	**2,610**	**<.5**	**<2**	**5,090**
PT-5M	16-Mar-06	N	60-70	196,000	33,000	<5	11,000	1,220,000	237	<5	1,740	<.5	<2	---
	07-Apr-06	N		332,000	72,200	11.1	14,500	1,420,000	270	<5	2,210	<.5	<2	5,050
	01-Jun-06	N		---	---	---	---	---	---	---	---	---	<2	---
	19-Jul-06	N		132,000	21,900	<5	9,330	1,030,000	276	<5	1,290	<.5	<2	2,940
	09-Aug-06	N		109,000	18,800	<5	8,700	905,000	266	<5	1,150	<.5	<2	2,830
	08-Sep-06	**N**		**119,000**	**20,800**	**<5**	**9,720**	**995,000**	**311**	**<5**	**1,180**	**<.5**	**<2**	**2,780**
PT-5D	16-Mar-06	N	95-105	317,000	21,000	<5	24,500	3,150,000	62.3	<5	4,460	<.5	<2	---
	07-Apr-06	N		337,000	73,200	11.5	14,500	1,400,000	289	<5	2,190	<.5	<2	5,030
	12-May-06	N		298,000	20,900	<5	24,400	3,300,000	93.2	<5	4,160	<.5	<2	---
	01-Jun-06	N		---	---	---	---	---	---	---	---	---	<2	---
	17-Jul-06	N		283,000	17,900	<5	23,100	2,980,000	96.7	<5	4,030	<.5	<2	8,150
	09-Aug-06	N		249,000	17,600	<5	22,100	2,690,000	82.7	<5	3,880	<1	<2	8,230
	08-Sep-06	**N**		**275,000**	**18,600**	**<5**	**24,700**	**3,110,000**	**68.6**	**<5**	**4,300**	**<1**	**<2**	**8,580**

Table 4
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PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PT-6S	18-Mar-06	N	35-45	269,000	157,000	12.6	21,400	1,490,000	501	<5	2,870	<.5	<2	---
	04-Apr-06	N		296,000	153,000	15.2	20,300	1,540,000	451	<5	2,900	<.5	<2	5,940
	13-May-06	N		297,000	147,000	25.5	16,600	1,500,000	538	<5	2,740	<1	<2	---
	22-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	01-Jun-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		310,400	148,000	29.9	16,400	1,360,000	505	<5	2,820	<2.5	<2	---
	19-Jul-06	N		311,000	148,000	30.9	16,700	1,380,000	507	<5	2,520	<.5	<2	5,480
	09-Aug-06	N		318,000	165,000	27.6	17,400	1,440,000	474	<5	2,680	<.5	<2	5,500
	08-Sep-06	**N**		**323,000**	**156,000**	**25.5**	**18,000**	**1,600,000**	**573**	**<5**	**2,940**	**<1**	**<2**	**5,560**
PT-6M	16-Mar-06	N	60-70	230,000	39,700	<5	11,800	1,300,000	227	<5	1,840	<.5	<2	---
	04-Apr-06	N		238,000	43,400	<5	12,800	1,392,000	227	<5	1,980	<.5	<2	4,340
	13-May-06	N		224,000	39,100	<5	12,300	1,390,000	210	<5	2,030	<.5	<2	---
	23-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	01-Jun-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		228,000	38,700	<5	12,400	1,300,000	226	<5	2,080	<.5	<2	---
	19-Jul-06	N		212,000	36,800	<5	12,300	1,290,000	241	<5	1,730	<.5	<2	4,020
	09-Aug-06	N		188,000	35,300	<5	11,800	1,190,000	237	<5	1,660	<.5	<2	3,940
	08-Sep-06	**N**		**192,000**	**36,400**	**<5**	**12,300**	**1,230,000**	**264**	**<5**	**1,670**	**<.5**	**<2**	**3,630**
PT-6D	16-Mar-06	N	95-105	245,000	16,200	<5	19,900	2,600,000	102	<5	3,630	<.5	<2	---
	04-Apr-06	N		239,000	17,500	<5	19,800	2,620,000	97.3	<5	3,420	<.5	<2	7,140
	13-May-06	N		216,000	14,900	<5	19,100	2,590,000	104	<5	3,310	<1	<2	---
	22-May-06	N		---	---	---	---	---	---	---	---	---	<2	---
	01-Jun-06	N		---	---	---	---	---	---	---	---	---	<2	---
	06-Jun-06	N		187,000	13,200	<5	17,300	2,210,000	118	<5	3,380	<.5	<2	---
	17-Jul-06	N		188,000	12,100	<5	17,000	2,220,000	120	<5	2,790	<.5	<2	6,210
	09-Aug-06	N		184,000	13,300	<5	18,200	2,240,000	116	<5	3,050	<.5	<2	6,480
	08-Sep-06	**N**		**234,000**	**16,500**	**<5**	**21,000**	**2,580,000**	**90.6**	**<5**	**3,600**	**<.5**	**<2**	**7,040**

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PG&E Topock
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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PTI-1S	15-Mar-06	N	35-45	266,000	88,200	13.2	11,600	980,000	375	<5	1,730	<.5	<2	---
	05-Apr-06	N		266,000	88,200	7.18	11,200	996,000	357	<5	1,760	<.5	<2	3,810
	06-May-06	N		155,000	14,100	<5	30,900	992,000	602	<5	798	<2.5	<2	3,930
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	3,040
	18-Jul-06	N		---	---	---	---	---	---	---	---	---	---	3,770
	07-Aug-06	N		---	---	---	---	---	---	---	---	---	---	4,080
	07-Sep-06	**N**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**3,940**
PTI-1M	15-Mar-06	N	60-70	223,000	33,200	<5	12,200	1,360,000	179	<5	1,910	<.5	<2	---
	04-Apr-06	N		226,000	37,700	<5	12,800	1,480,000	180	<5	2,050	<.5	<2	4,450
	06-May-06	N		130,000	17,700	26.5	20,400	1,320,000	383	<5	1,080	<.5	<2	4,450
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	4,480
	18-Jul-06	N		---	---	---	---	---	---	---	---	---	---	4,160
	07-Aug-06	N		---	---	---	---	---	---	---	---	---	---	4,190
	07-Sep-06	**N**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**3,980**
PTI-1D	15-Mar-06	N	95-105	289,000	21,500	<5	23,600	2,470,000	134	<5	3,420	<.5	<2	---
	03-Apr-06	N		267,000	18,000	<5	21,700	2,600,000	99.7	<5	3,620	<.5	<2	8,080
	10-May-06	N		---	---	---	---	---	---	---	---	---	---	7,530
	18-Jul-06	N		---	---	---	---	---	---	---	---	---	---	6,730
	07-Aug-06	N		---	---	---	---	---	---	---	---	---	---	7,300
	05-Sep-06	N		---	---	---	---	---	---	---	---	---	---	6,790

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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
PE-1	17-Mar-06	N		261,000	37,400	<5	19,700	2,200,000	277	<5	2,990	<.5	<2	---
	05-Apr-06	N		263,000	36,400	<5	19,600	2,090,000	256	<5	3,110	<.5	<2	6,580
	01-Jun-06	N		---	---	---	---	---	---	---	---	---	<2	---
	17-Jul-06	N		252,000	35,200	<5	18,300	2,020,000	267	<5	2,710	<.5	<2	5,910
	07-Aug-06	N		230,000	34,800	<5	18,100	1,970,000	255	<5	2,570	<.5	<2	5,910
	07-Aug-06	FD		235,000	35,600	<5	17,900	2,000,000	274	<5	2,550	<.5	<2	5,960
	06-Sep-06	**N**		**227,000**	**34,700**	**<5**	**18,400**	**1,930,000**	**268**	**<5**	**2,670**	**<.5**	**<2**	**5,370**
TW-2D	17-Mar-06	N		207,000	23,600	<5	13,200	1,240,000	110	<5	1,920	<.5	<2	---
	05-Apr-06	N		231,000	25,800	<5	14,700	1,400,000	112	<5	2,070	<.5	<2	4,390
	19-Jul-06	N		241,000	29,900	<5	15,000	1,460,000	119	<5	1,980	<.5	<2	4,580
	07-Aug-06	N		242,000	29,700	<5	14,600	1,450,000	102	<5	1,690	<.5	<2	3,900
	06-Sep-06	**N**		**262,000**	**32,500**	**<5**	**16,400**	**1,580,000**	**122**	**<5**	**1,470**	**<.5**	**<2**	**4,420**
TW-3D	17-Mar-06	N		254,000	27,700	<5	15,900	1,540,000	97.3	<5	2,190	<.5	<2	---
	05-Apr-06	N		283,000	28,800	<5	17,900	1,740,000	89.9	<5	2,580	<.5	<2	5,580
	19-Jul-06	N		265,000	29,100	<5	17,200	1,720,000	98.9	<5	2,610	<.5	<2	5,410
	07-Aug-06	N		272,000	28,800	<5	16,900	1,790,000	96.5	<5	2,480	<.5	<2	5,490
	06-Sep-06	**N**		**274,000**	**29,400**	**<5**	**18,400**	**1,800,000**	**102**	**<5**	**2,670**	**<1**	**<2**	**5,240**
INJ_SOLUTION_01	04-May-06	N		---	---	---	---	---	---	---	---	---	---	2,240
INJ_SOLUTION_02	05-May-06	N		---	---	---	---	---	---	---	---	---	---	4,650
INJ_SOLUTION_03	06-May-06	N		---	---	---	---	---	---	---	---	---	---	4,460
	11-Aug-06	N		---	---	---	---	---	---	---	---	---	---	<10
	07-Sep-06	**N**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**4,950**

Table 4
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Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)
Field Blank	17-Mar-06	FB		<1000	<1000	<5	<1000	2,040	<5	<5	<.5	<.5	<2	---
	04-Apr-06	FB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	<10
	09-May-06	EB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	---
	13-May-06	FB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	---
	24-May-06	FB		---	---	---	---	---	---	---	---	---	<2	---
	01-Jun-06	FB		---	---	---	---	---	---	---	---	---	<2	---
	05-Jun-06	FB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	---
	17-Jul-06	FB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	10
	07-Aug-06	FB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	25
	06-Sep-06	**FB**		**2,930**	**<1000**	**<5**	**<1000**	**7,980**	**8.28**	**<5**	**10.4**	**<.5**	**<2**	**15**
Equipment Blank	17-Mar-06	EB		<1000	<1000	<5	<1000	5,360	<5	<5	<.5	<.5	<2	---
	07-Apr-06	EB		<1000	<1000	<5	<1000	1,500	<5	<5	<.5	<.5	<2	<10
	09-May-06	FB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	---
	13-May-06	EB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	---
	24-May-06	EB		---	---	---	---	---	---	---	---	---	<2	---
	01-Jun-06	EB		---	---	---	---	---	---	---	---	---	<2	---
	05-Jun-06	EB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	---
	17-Jul-06	EB		<1000	<1000	<5	<1000	<1000	<5	<5	<.5	<.5	<2	15
	07-Aug-06	EB		3,700	1,100	<5	<1000	1,370	12.9	<5	0.832	<.5	<2	20
	06-Sep-06	**EB**		**2,860**	**<1000**	**<5**	**<1000**	**7,800**	**7.79**	**<5**	**9.62**	**<.5**	**<2**	**<10**

Notes on following page.

Table 4
Summary of Secondary Analytical Parameters
PG&E Topock
Needles, California
September 2006 Monitoring Report for the Floodplain Reductive Zone In-Situ Pilot Test

Location Name	Sample Date	Sample Type	Screen Interval (ft bgs)	Dissolved Calcium (µg/L)	Dissolved Magnesium (µg/L)	Dissolved Arsenic (µg/L)	Dissolved Potassium (µg/L)	Dissolved Sodium (µg/L)	Alkalinity bicarbonate (mg/L)	Alkalinity carbonate (mg/L)	Chloride-cl (mg/L)	Orthophosphate-p (mg/L)	Sulfide (mg/L)	Total Dissolved Solids (mg/L)

Notes:

Most recent data indicated in **BOLD**

ft bgs	Feet below ground
mg/L	Milligrams per liter
µg/L	Micrograms per liter
<	Symbol indicates not detected at or above laboratory detection limit as noted.
EB	Equipment blank
FB	Field blank
FD	Field duplicate
N	Normal
NA	Not applicable
Dissolved	Samples were field filtered with a 0.45 micron filter.
---	Not analyzed/not sampled

Table 5
Summary of Monitoring Information
PG&E Topock
Needles, California
September 2006 Monitoring Reports for the Floodplain Reductive Zone In Situ Pilot Test

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-1S	PT-1S-20060906	David Webb	9/6/2006	10:10 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh
PT-1M	PT-1M-20060906	David Webb	9/6/2006	11:00 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/6/2006	Stanley Hsieh

Table 5
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PG&E Topock
Needles, California
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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-1D	PT-1D-20060829	David Webb	8/29/2006	10:53 AM	Emax	E300.0	Iodide	9/2/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/1/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	8/29/2006	Gary Clift
					OZark	OHM In-House Method	Fluorescein	9/1/2006	Margaret Ridinger
PT-1D	PT-1D-20060905	David Webb	9/5/2006	02:55 PM	Emax	E160.1	Total Dissolved Solids	9/11/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/6/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/26/2006	Jane Osorio
					Emax	E300.0	Iodide	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/6/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/6/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/6/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/26/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/10/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/10/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/10/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/7/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/5/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/11/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/11/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/11/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/11/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/11/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/11/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/11/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/11/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/5/2006	Stanley Hsieh
PT-1D	PT-1D-20060912	Cody Montoya	9/12/2006	02:16 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/14/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/12/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/12/2006	Margaret Ridinger
PT-1D	PT-1D-20060919	David Webb	9/19/2006	01:20 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/22/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/19/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/19/2006	Margaret Ridinger
PT-1D	PT-1D-20060919D	David Webb	9/19/2006	01:20 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/22/2006	Michael Amador
					Ozark	OHM In-House Method	Fluorescein	9/19/2006	Margaret Ridinger

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-2S	PT-2S-20060906	David Webb	9/6/2006	02:45 PM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/9/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh
PT-2M	PT-2M-20060906	David Webb	9/6/2006	01:55 PM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/9/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-2D	PT-2D-20060829	David Webb	8/29/2006	11:25 AM	Emax	E300.0	Iodide	9/2/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/1/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	8/29/2006	Gary Clift
					OZark	OHM In-House Method	Fluorescein	9/1/2006	Margaret Ridinger
PT-2D	PT-2D-20060906	David Webb	9/6/2006	09:25 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/7/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/7/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/7/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/7/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/6/2006	Stanley Hsieh
PT-2D	PT-2D-20060912	Cody Montoya	9/12/2006	03:03 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/14/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/12/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/12/2006	Margaret Ridinger
PT-2D	PT-2D-20060919	David Webb	9/19/2006	03:00 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/22/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/19/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/19/2006	Margaret Ridinger

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-3S	PT-3S-20060906	Cody Montoya	9/6/2006	10:57 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/17/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh
PT-3M	PT-3M-20060906	Cody Montoya	9/6/2006	10:17 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/6/2006	Stanley Hsieh

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-3D	PT-3D-20060829	David Webb	8/29/2006	11:55 AM	Emax	E300.0	Iodide	9/2/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/5/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	8/29/2006	Gary Clift
					OZark	OHM In-House Method	Fluorescein	9/1/2006	Margaret Ridinger
PT-3D	PT-3D-20060829D	David Webb	8/29/2006	11:55 AM	Emax	E300.0	Iodide	9/2/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/5/2006	Michael Amador
					OZark	OHM In-House Method	Fluorescein	9/1/2006	Margaret Ridinger
PT-3D	PT-3D-20060905	David Webb	9/5/2006	02:50 PM	Emax	E160.1	Total Dissolved Solids	9/11/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/6/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/26/2006	Jane Osorio
					Emax	E300.0	Iodide	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/6/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/6/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/6/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/26/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/10/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/10/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/10/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/7/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/5/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/11/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/11/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/11/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/11/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/11/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/11/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/11/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/11/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/5/2006	Stanley Hsieh
PT-3D	PT-3D-20060912	Cody Montoya	9/12/2006	12:35 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/14/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/12/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/12/2006	Margaret Ridinger
PT-3D	PT-3D-20060912D	Cody Montoya	9/12/2006	12:35 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/14/2006	Michael Amador
					Ozark	OHM In-House Method	Fluorescein	9/12/2006	Margaret Ridinger
PT-3D	PT-3D-20060919	David Webb	9/19/2006	03:35 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/22/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/19/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/19/2006	Margaret Ridinger

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-4S	PT-4S-20060906	Cody Montoya	9/6/2006	02:41 PM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/9/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh
PT-4S	PT-4S-20060906D	Cody Montoya	9/6/2006	02:41 PM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/11/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/9/2006	Michael Amador
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh

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PT-4M	PT-4M-20060906	Cody Montoya	9/6/2006	01:56 PM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/19/2006	Jane Osorio
					Emax	E300.0	Iodide	9/11/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/19/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/9/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh
PT-4D	PT-4D-20060906	Cody Montoya	9/6/2006	09:05 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/7/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/7/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/7/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/6/2006	Stanley Hsieh

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-5S	PT-5S-20060908	David Webb	9/8/2006	10:35 AM	Emax	E160.1	Total Dissolved Solids	9/18/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/9/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/26/2006	Jane Osorio
					Emax	E300.0	Iodide	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/9/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/10/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/26/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/12/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/13/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/12/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/8/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/15/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/14/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/15/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/15/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/15/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/15/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/15/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/15/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/15/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/15/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/8/2006	Roger Chen
PT-5M	PT-5M-20060908	David Webb	9/8/2006	10:10 AM	Emax	E160.1	Total Dissolved Solids	9/18/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/9/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/26/2006	Jane Osorio
					Emax	E300.0	Iodide	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/9/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/10/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/26/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/12/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/13/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/12/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/8/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/15/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/14/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/15/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/15/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/15/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/15/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/15/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/15/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/15/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/15/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/8/2006	Roger Chen

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-5D	PT-5D-20060908	David Webb	9/8/2006	09:25 AM	Emax	E160.1	Total Dissolved Solids	9/18/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/9/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/26/2006	Jane Osorio
					Emax	E300.0	Iodide	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/9/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/10/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/26/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/12/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/13/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/12/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/8/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/15/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/14/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/15/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/15/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/16/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/15/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/15/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/15/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/15/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/16/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/8/2006	Roger Chen
PT-6S	PT-6S-20060908	Cody Montoya	9/8/2006	10:08 AM	Emax	E160.1	Total Dissolved Solids	9/18/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/9/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/26/2006	Jane Osorio
					Emax	E300.0	Iodide	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/9/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/10/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/9/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/12/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/13/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/12/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/8/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/15/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/14/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/15/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/15/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/15/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/15/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/15/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/15/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/15/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/15/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/8/2006	Roger Chen

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PT-6M	PT-6M-20060908	Cody Montoya	9/8/2006	11:00 AM	Emax	E160.1	Total Dissolved Solids	9/18/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/9/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/26/2006	Jane Osorio
					Emax	E300.0	Iodide	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/9/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/10/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/26/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/12/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/13/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/12/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/8/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/15/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/14/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/15/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/15/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/15/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/15/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/15/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/15/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/15/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/15/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/8/2006	Roger Chen
PT-6D	PT-6D-20060908	Cody Montoya	9/8/2006	09:34 AM	Emax	E160.1	Total Dissolved Solids	9/18/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/9/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/26/2006	Jane Osorio
					Emax	E300.0	Iodide	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/9/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/9/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/10/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/26/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/12/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/12/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/13/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/12/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/8/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/15/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/14/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/15/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/15/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/15/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/15/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/15/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/15/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/15/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/15/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/8/2006	Roger Chen

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PTI-1S	PTI-1S-20060907	Cody Montoya	9/7/2006	03:53 PM	Emax	E160.1	Total Dissolved Solids	9/12/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/10/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/7/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/15/2006	Margaret Ridinger
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh
PTI-1M	PTI-1M-20060907	Cody Montoya	9/7/2006	03:20 PM	Emax	E160.1	Total Dissolved Solids	9/12/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/10/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/7/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/15/2006	Margaret Ridinger
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh
PTI-1D	PTI-1D-20060829	David Webb	8/29/2006	02:55 PM	Emax	E300.0	Iodide	9/2/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/5/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	8/29/2006	Gary Clift
					OZark	OHM In-House Method	Fluorescein	9/1/2006	Margaret Ridinger
PTI-1D	PTI-1D-20060905	David Webb	9/5/2006	12:50 PM	Emax	E160.1	Total Dissolved Solids	9/11/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/6/2006	Jane Osorio
					Emax	E300.0	Iodide	9/27/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/7/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/5/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Truesdail	SW7199	Chromium, hexavalent	9/5/2006	Stanley Hsieh
PTI-1D	PTI-1D-20060912	Cody Montoya	9/12/2006	12:10 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/18/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/12/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/18/2006	Margaret Ridinger
PTI-1D	PTI-1D-20060919	David Webb	9/19/2006	12:50 PM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/22/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/19/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/25/2006	Margaret Ridinger

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
PE-1	PE-1-20060906	Gary Cliff	9/6/2006	09:35 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/6/2006	Stanley Hsieh
TW-2D	TW-2D-20060829	Gary Cliff	8/29/2006	10:10 AM	Emax	E300.0	Iodide	8/31/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/1/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	8/29/2006	Gary Clift
					OZark	OHM In-House Method	Fluorescein	9/1/2006	Margaret Ridinger

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Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
TW-2D	TW-2D-20060906	Gary Cliff	9/6/2006	09:47 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/6/2006	Stanley Hsieh
TW-2D	TW-2D-20060912	Gary Cliff	9/12/2006	09:00 AM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/14/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/12/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/12/2006	Margaret Ridinger
TW-2D	TW-2D-20060919	Gary Cliff	9/19/2006	10:40 AM	Emax	E300.0	Iodide	9/27/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/22/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/19/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/19/2006	Margaret Ridinger
TW-3D	TW-3D-20060829	Gary Cliff	8/29/2006	09:55 AM	Emax	E300.0	Iodide	8/31/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/1/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	8/29/2006	Gary Clift
					OZark	OHM In-House Method	Fluorescein	9/1/2006	Margaret Ridinger

Table 5
Summary of Monitoring Information
PG&E Topock
Needles, California
September 2006 Monitoring Reports for the Floodplain Reductive Zone In Situ Pilot Test

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
TW-3D	TW-3D-20060906	Gary Cliff	9/6/2006	09:38 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/17/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/6/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/6/2006	Stanley Hsieh
TW-3D	TW-3D-20060912	Gary Cliff	9/12/2006	08:35 AM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/14/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/12/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/12/2006	Margaret Ridinger
TW-3D	TW-3D-20060919	Gary Cliff	9/19/2006	10:50 AM	Emax	E300.0	Iodide	9/27/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/22/2006	Michael Amador
					FieldAnalysis	IM-3	Chromium, hexavalent-Field	9/19/2006	Gary Clift
					Ozark	OHM In-House Method	Fluorescein	9/19/2006	Margaret Ridinger
INJ_SOLUTION_03	INJ_SOLUTION_03-20060907	Gary Cliff	9/7/2006	10:30 AM	Emax	E160.1	Total Dissolved Solids	9/12/2006	Karen Hirakawa
					Emax	E300.0	Iodide	9/27/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/12/2006	Michael Amador
					Truesdail	SW7199	Chromium, hexavalent	9/7/2006	Stanley Hsieh
Field Blank	FB-20060829	David Webb	8/29/2006	10:15 AM	Emax	E300.0	Iodide	8/31/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/1/2006	Michael Amador
					OZark	OHM In-House Method	Fluorescein	9/1/2006	Margaret Ridinger

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Summary of Monitoring Information
PG&E Topock
Needles, California
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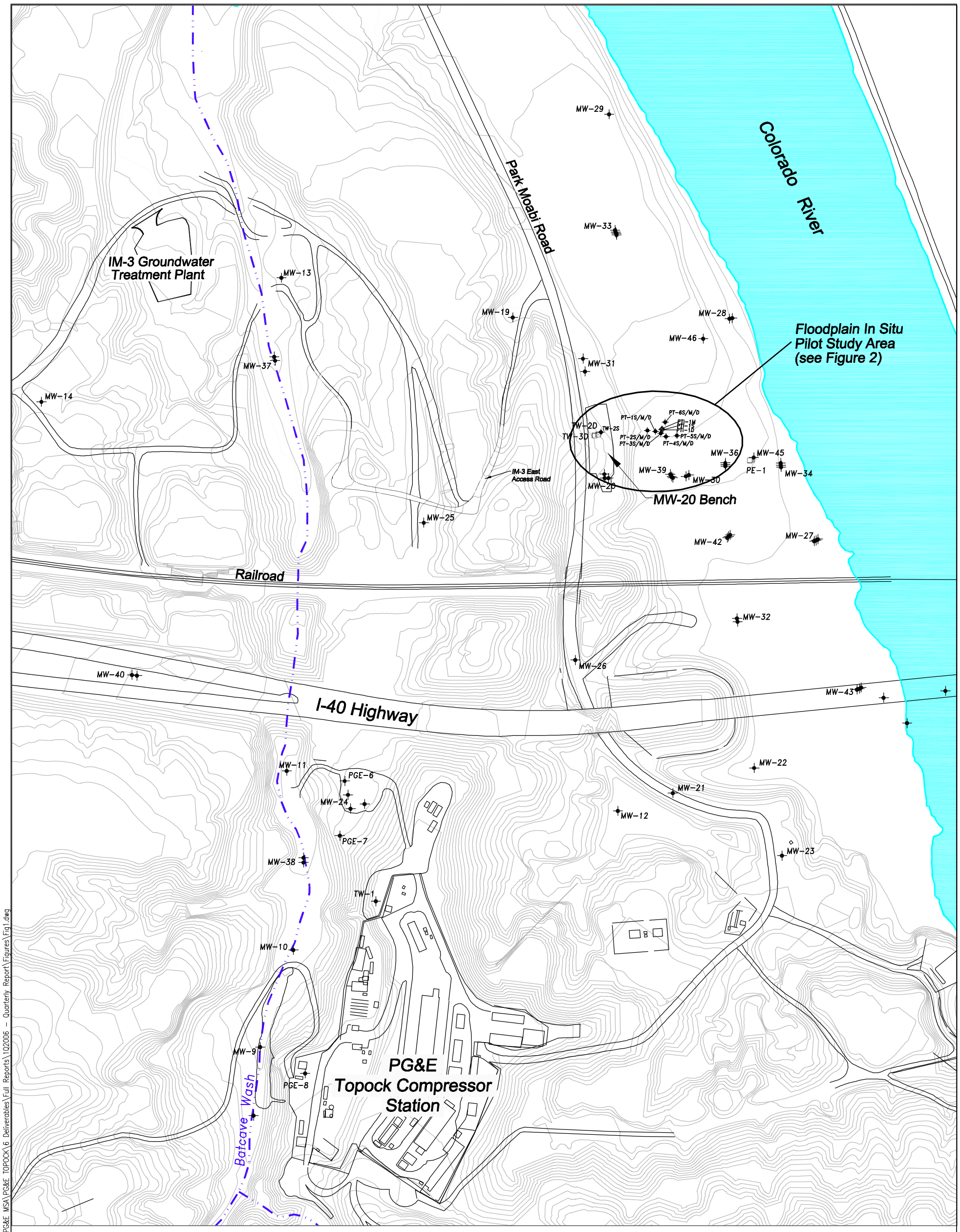
Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
Field Blank	FB-20060906	David Webb	9/6/2006	09:50 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/8/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/6/2006	Stanley Hsieh
Field Blank	FB-20060912	Cody Montoya	9/12/2006	10:45 AM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/14/2006	Michael Amador
					Ozark	OHM In-House Method	Fluorescein	9/12/2006	Margaret Ridinger
Field Blank	FB-20060919	David Webb	9/19/2006	10:15 AM	Emax	E300.0	Iodide	9/28/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/22/2006	Michael Amador
					Ozark	OHM In-House Method	Fluorescein	9/19/2006	Margaret Ridinger
Equipment Blank	EB-20060829	David Webb	8/29/2006	09:30 AM	Emax	E300.0	Iodide	8/31/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/1/2006	Michael Amador
					OZark	OHM In-House Method	Fluorescein	9/1/2006	Margaret Ridinger

Table 5
Summary of Monitoring Information
PG&E Topock
Needles, California
September 2006 Monitoring Reports for the Floodplain Reductive Zone In Situ Pilot Test

Location	Sample ID	Sampler Name	Sample Date	Sample Time	Lab	Analysis Method	Parameter	Analysis Date	Lab Technician
Equipment Blank	EB-20060906	David Webb	9/6/2006	10:00 AM	Emax	E160.1	Total Dissolved Solids	9/14/2006	Karen Hirakawa
					Emax	E300.0	Bromide	9/8/2006	Jane Osorio
					Emax	E300.0	Chloride-cl	9/17/2006	Jane Osorio
					Emax	E300.0	Iodide	9/10/2006	Jane Osorio
					Emax	E300.0	Nitrate-n	9/8/2006	Jane Osorio
					Emax	E300.0	Nitrite-n	9/8/2006	Jane Osorio
					Emax	E300.0	Orthophosphate-p	9/8/2006	Jane Osorio
					Emax	E300.0	Sulfate	9/8/2006	Jane Osorio
					Emax	E310.1	Alkalinity	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity bicarbonate	9/11/2006	Karen Hirakawa
					Emax	E310.1	Alkalinity carbonate	9/11/2006	Karen Hirakawa
					Emax	E376.1	Sulfide	9/8/2006	Mary Jane Mendoza
					Emax	E415.1	Total Organic Carbon	9/8/2006	Michael Amador
					Ozark	OHM In-House Method	Fluorescein	9/11/2006	Margaret Ridinger
					Emax	SW6010B	Iron-Total	9/8/2006	Christopher Capulong
					Emax	SW6020A	Arsenic	9/13/2006	Jon Elliot
					Emax	SW6020A	Calcium	9/13/2006	Jon Elliot
					Emax	SW6020A	Chromium	9/13/2006	Jon Elliot
					Emax	SW6020A	Iron-Dissolved	9/13/2006	Jon Elliot
					Emax	SW6020A	Magnesium	9/13/2006	Jon Elliot
					Emax	SW6020A	Manganese	9/13/2006	Jon Elliot
					Emax	SW6020A	Potassium	9/13/2006	Jon Elliot
					Emax	SW6020A	Sodium	9/13/2006	Jon Elliot
					Truesdail	SW7199	Chromium, hexavalent	9/6/2006	Stanley Hsieh
Equipment Blank	EB-20060912	Cody Montoya	9/12/2006	10:30 AM	Emax	E300.0	Iodide	9/27/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/14/2006	Michael Amador
					Ozark	OHM In-House Method	Fluorescein	9/12/2006	Margaret Ridinger
Equipment Blank	EB-20060919	David Webb	9/19/2006	10:00 AM	Emax	E300.0	Iodide	9/27/2006	Jane Osorio
					Emax	E415.1	Total Organic Carbon	9/22/2006	Michael Amador

Notes:

N	Normal
EB	Equipment Blank
FB	Field Blank
FD	Field Duplicate
EMAX	EMAX Laboratories, Inc
Severn Trent	Severn Trent Laboratories, Inc.
Ozark	Ozark Underground Laboratory
Truesdail	Truesdail Laboratory



Source: MWH Draft In-Situ Hexavalent Chromium Reduction Pilot Test Work Plan, Upland Plume Treatment, 2006.

Legend

- *Monitoring Well Locations*
- *Extraction Well Locations*
- *Injection Well Locations*

N

0 FEET 300

SCALE

Project Director: N. MORGAN-BUTCHER	Area Manager: J. PETERS
Task Manager: H. VOSCOTT	Technical Review:
Drawing Date: 05 APR 06	Drawn By: M. CHIU

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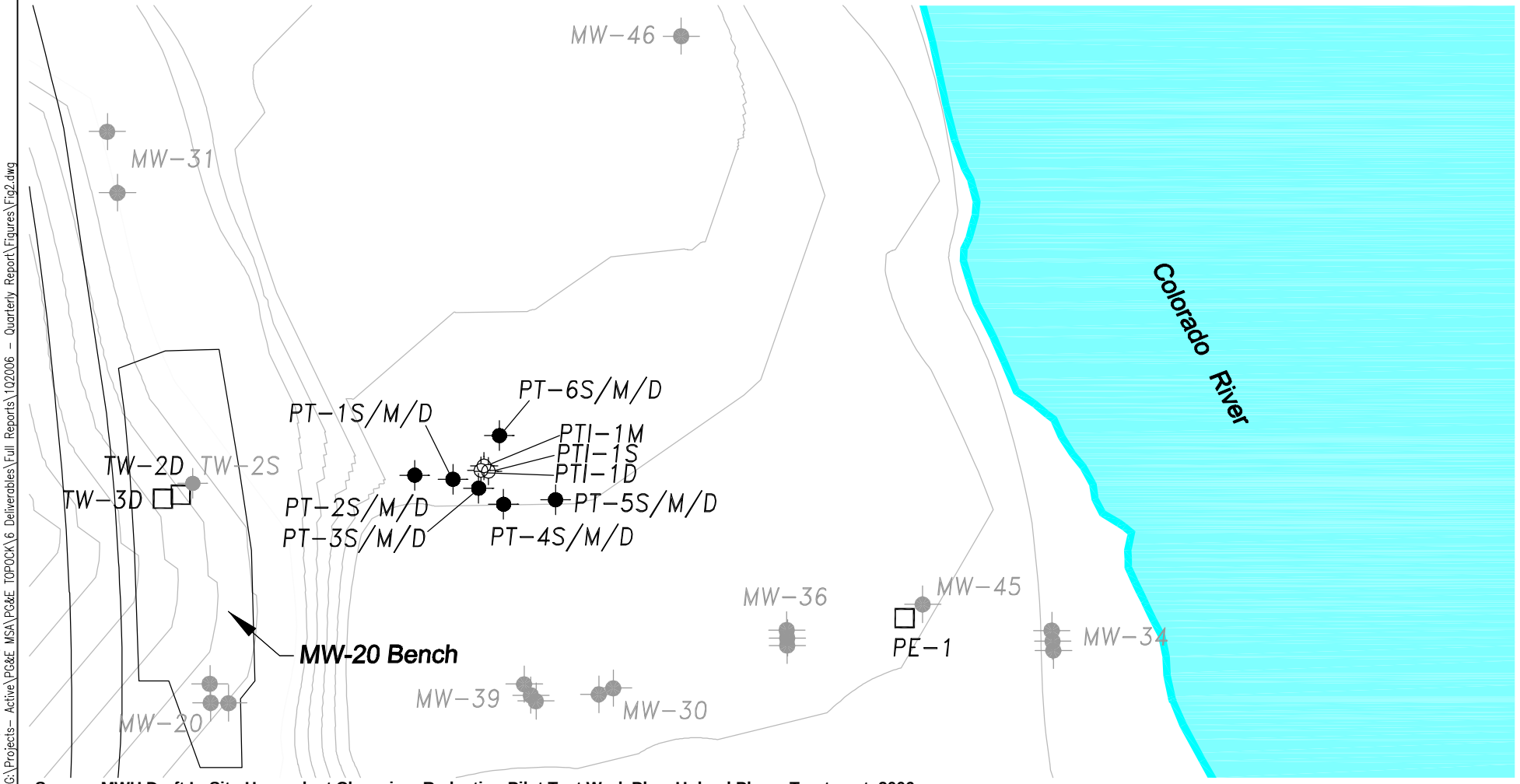
ARCADIS G&M, Inc.
1050 Marina Way South
Richmond, CA 94804
Tel: 510-233-3200 Fax: 510-233-3204
www.arcadis-us.com

SITE PLAN
PG&E TOPOCK FACILITY
NEEDLES, CALIFORNIA

Project Number: RC000689.0001

Figure: 1

Acad Version : R16.1s (LMS Tech)
User Name : mchiu
Date\Time : Mon, 17 Apr 2006 – 9:30am
Path\Name : G:\Projects– Active\PG&E MSA\PG&E TOPOCK\6 Deliverables\Full Reports\102006 – Quarterly Report\Figures\Fig1.dwg



Source: MWH Draft In-Situ Hexavalent Chromium Reduction Pilot Test Work Plan, Upland Plume Treatment, 2006.

Legend

- Monitoring Well Locations
- Extraction Well Locations
- Injection Well Locations

N

0 FEET 100
SCALE

Project Director: N. MORGAN-BUTCHER	Area Manager: J. PETERS	
Task Manager: H. VOSCOTT	Technical Review:	
Drawing Date: 05 APR 06	Drawn By: M. CHIU	

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SAMPLE LOCATION MAP
PG&E TOPOCK FACILITY
NEEDLES, CALIFORNIA

Project Number: RC000689.0001

Figure: 2

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Appendix A

Calibration Logs for Field Monitoring Instruments

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Appendix B

Groundwater Sampling Logs

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Appendix C

Analytical Reports and Chain-of-Custody Documentation
(on Compact Disc)