BOHANNON™

David D. Bohannon Organization
Sixty 31st Avenue
San Mateo, CA 94403-3404

T 650.345.8222
F 650.573.5457
W ddbo.com

June 11, 2012

SUBMITTED ELECTRONICALLY

Alameda County Health Care Services Agency
Environmental Health Department
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Submission to Geo Tracker; Fuel Leak Case No. RO0000167 and Geo Tracker Global ID T0600102098; David D. Bohannon Organization Property, 575 Paseo Grande, San Lorenzo, California 94580**

To Whom This May Concern:

The David D. Bohannon Organization is the owner of commercial property located at 575 Paseo Grande, San Lorenzo, California 94580 (the "Property"). In accordance with applicable California law, I am submitting the enclosed document or report with respect to the Property for uploading to Geo Tracker.

I declare, under penalty of perjury under the laws of the State of California, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Scott E. Bohannon, Senior Vice President

AUGUST 2002
GROUNDWATER MONITORING REPORT

575 PASEO GRANDE
SAN LORENZO, CALIFORNIA

Job No. 05OT.50063.00

Prepared For:

David D. Bohannon Organization
Sixty 31st Avenue
San Mateo, California 94403

Prepared by:

SECOR International Incorporated
57 Lafayette Circle
Lafayette, California 94549

October 25, 2002

August 2002 Groundwater Monitoring Report

David D. Bohannon Organization
575 Paseo Grande
San Lorenzo, CA
SECOR Project No. 05OT.50063.00

The material and data in this report were prepared under the supervision and direction of the undersigned. This report was prepared consistent with current and generally accepted geologic and environmental consulting principles and practices that are within the limitations provided herein.

SECOR International Incorporated

Neil Doran
Project Geologist

Chris R. Maxwell, R.G. No. 7269
Principal Project Geologist

LIMITATIONS

The conclusions and recommendations contained in this report/assessment are based upon professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations:

1. The data and findings presented in this report are valid as of the dates when the investigations were performed. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

2. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Work. The Scope of Work was defined by the request of the client, the time and budgetary constraints imposed by the client, and availability of access to the Site.

3. Because of the limitations stated above, the findings, observations, and conclusions expressed by SECOR in this report are not, and should not be, considered an opinion concerning the compliance of any past or present owner or operator of the Site with any federal, state or local law or regulation.

4. No warranty or guarantee, whether expressed or implied, is made with respect to the data or the reported findings, observations, and conclusions, which are based solely upon Site conditions in existence at the time of investigation.

5. SECOR reports present professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of federal, state or local governmental agencies. Any use of the report constitutes acceptance of the limits of SECOR's liability. SECOR's liability extends only to its client and not to any other parties who may obtain the report. Issues raised by the report should be reviewed by appropriate legal counsel.

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1.0 INTRODUCTION

This report presents the results of groundwater monitoring, sampling, and analysis conducted on August 29, 2002 for the property located at 575 Paseo Grande, San Lorenzo, California (Site). This sampling event was conducted to continue the assessment of groundwater conditions beneath the Site. The previous groundwater monitoring and sampling event was conducted in May 2002.

The scope of work included measuring the depth to water in groundwater monitoring wells MW-1 through MW-6, and collecting groundwater samples for analysis of total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Well MW-7, generally included in the sampling schedule, was inaccessible at the time of this sampling event. In addition, groundwater samples from wells MW-1 through MW-5 were analyzed for dissolved iron, nitrate, orthophosphate, sulfate, and total alkalinity. These inorganic anlyses were performed as part of a study to determine if nitrate injection is a feasible method of Site remediation.

1.1 BACKGROUND

Over the last 25 years, the Site has been used as an asphalt-paved parking area located in a C1 commercial zone. The Site was a gasoline station prior to 1969. Little information is known about the Site history related to its use as a gasoline service station. In anticipation of property redevelopment, initial investigation activities were conducted in March 1995 to determine if out-of-service gasoline service station underground equipment remained on-Site. The work was conducted by Twining Laboratories, Inc. (TLI), as documented in their letter report dated April 15, 1995. The work conducted included a magnetometer survey followed by an exploratory excavation. In summary, the work conducted identified underground gasoline service station equipment which included what appeared to be the former tank pit, approximately 110 feet of fuel delivery system piping, and a grease sump and/or hydraulic lift pit in an area which may have been the former service garage (Figure 2). Field evidence and one soil sample indicated the potential for soil contamination along the piping runs, around the grease sump, and around the inferred location of the former tank pit. Characterization of the magnitude and extent of potential soil contamination were not conducted during initial investigation activities.

In June 1995, SECOR conducted additional activities at the Site which included removal of the former underground storage tank (UST) system piping and the former grease sump, and characterization soil sampling along pipelines and around the former grease sump and former tank pit areas. This work was summarized in SECOR's letter report dated June 29, 1995. The characterization data from this investigation indicated that there were two areas of concern at the Site. These areas were the former grease sump area and the former gasoline distribution system area. SECOR subsequently conducted excavation activities in the vicinity of the two areas. The soil excavated from the former sump area was transported off-Site for disposal. The soil generated from the UST excavation was treated by means of aeration and transported off-Site for disposal. Three groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed during the investigation activities to evaluate the degree to which the groundwater had been affected. The results of the soil characterization and groundwater monitoring activities are reported in SECOR's "Report of Interim Remedial Actions" dated June 4, 1996, and "Fourth Quarter 1996 Monitoring and Sampling Report" dated November 26, 1996.

In June 1999, a utility trench survey was conducted around the Site, and a passive soil vapor survey was conducted in the down-gradient direction from the Site. The results of the utility trench and passive soil vapor

surveys are documented in SECOR's "Third Quarter 1999 Groundwater Monitoring Results and Plume Definition Report", dated October 21, 1999.

On December 5, 2000, four additional groundwater monitoring wells (MW-4 through MW-7) were installed at the Site by SECOR. Soil and groundwater sampling was conducted to evaluate possible off-Site migration of petroleum-related constituents originating from the Site, and to collect data to direct further subsurface investigations, and/or remediation at the Site, if necessary. The work was conducted in general accordance with the "Work Plan for Additional Groundwater Monitoring Well Installation" dated October 22, 1999 (Work Plan) and the "Addendum to the Work Plan for Additional Groundwater Monitoring Well Installation" dated December 2, 1999 (Addendum). The Work Plan was approved with comments in correspondence from the Alameda County Health Care Services Agency (ACHCSA) in a letter dated November 4, 1999.

Historically, two of the onsite wells (MW-2 and MW-3) and one well immediately down-gradient to the west (MW-4) contain elevated concentrations of petroleum hydrocarbons. Wells further off-Site to the west (MW-6 and MW-7) and south (MW-5) typically do not contain detectable levels of petroleum hydrocarbons, with the exception of well MW-7, which reported low concentrations of total xylenes (up to 6.7 mg/kg) in the first two sampling events (December 2000 and February 2001). The well has since been nondetect for all constituents.

2.0 GROUNDWATER MONITORING

Groundwater monitoring wells MW-1 through MW-6 were gauged for depth-to-water and sampled on August 29, 2002. Well MW-7 was not gauged or sampled because a vehicle was parked over the well.

2.1 Water Level Gauging

Prior to purging and sampling, the depth to groundwater was measured from the top of each well casing using a water-level indicator graduated to 0.01 foot. Depth-to-groundwater measurements and surveyed wellhead top-of-casing elevations were used to calculate groundwater surface elevations for each well. Table 1 presents historical groundwater elevation data for the Site.

2.2 Purging and Sampling

Each of the six wells were purged using a low-flow purging method consisting of dedicated tubing attached to a variable speed peristaltic pump set to extract groundwater at a rate of 0.1 gallons per minute. Temperature, conductivity, pH, dissolved oxygen content and oxidation-reduction potential were monitored during purging to confirm static water conditions prior to sampling. Copies of the field data sheets are attached as Appendix A.

Samples were collected from each well using the dedicated tubing to eliminate the possibility of cross-contamination between wells. Samples were placed in laboratory supplied sample containers, capped, labeled, and stored on ice pending delivery to STL San Francisco, a California state-certified laboratory. The groundwater samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by U.S. Environmental Protection Agency (EPA) Method 8015 (modified); and for benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8020. In addition, groundwater samples from wells MW-1 through MW-5 were analyzed for total alkalinity by EPA Method 310.1; for nitrate, orthophosphate, and sulfate by EPA Method 9056; and for dissolved iron by EPA Method 6010B.

3.0 RESULTS

3.1 August 2002 Groundwater Elevation Results

The average depth-to-water measurement taken at the Site on August 29, 2002 was 6.80 feet below the top of the well casing, with an average water table elevation of 19.33 feet above mean sea level. Groundwater elevations decreased an average of 1.00 feet since the previous monitoring event in May 2002.

A potentiometric surface map illustrating the interpreted groundwater surface elevation and flow direction on August 29, 2002 is presented as Figure 3. The hydraulic gradient across the Site was approximately 0.0023 feet per foot toward the west-southwest. These results are generally consistent with flow direction results obtained during the prior monitoring events. As noted in previous reports, the flow direction beneath the Site is potentially tidally influenced by San Francisco Bay to the west.

3.2 August 2002 Groundwater Analytical Results

Table 2 presents historical groundwater laboratory analytical results for the Site, including the August 2002 sampling event. Petroleum hydrocarbon chemical data for the August 2002 event are illustrated on Figure 4, and inorganic chemical results are summarized in Table 3.

TPHg and BTEX concentrations continue to be below laboratory method reporting limits in on-Site well MW-1 and off-Site wells MW-5 and MW-6. Samples from wells MW-2, MW-3, and MW-4 continue to report detectable concentrations of petroleum hydrocarbons.

Copies of the laboratory analytical reports for groundwater samples are attached as Appendix B. The following provides a brief discussion of the analytical results:

3.2.1 BTEX

BTEX constituents were reported in samples collected from wells MW-2, MW-3 and MW-4. Historical concentrations of benzene in these three wells are shown on Figure 5 (MW-2 and MW-4) and Figure 6 (MW-3). During the May 2002 event, benzene concentrations ranged from 66 micrograms per liter (µg/L) in MW-2 to 1,700 µg/L in MW-3. Reported BTEX concentrations for the August 2002 event are generally consistent with historical results.

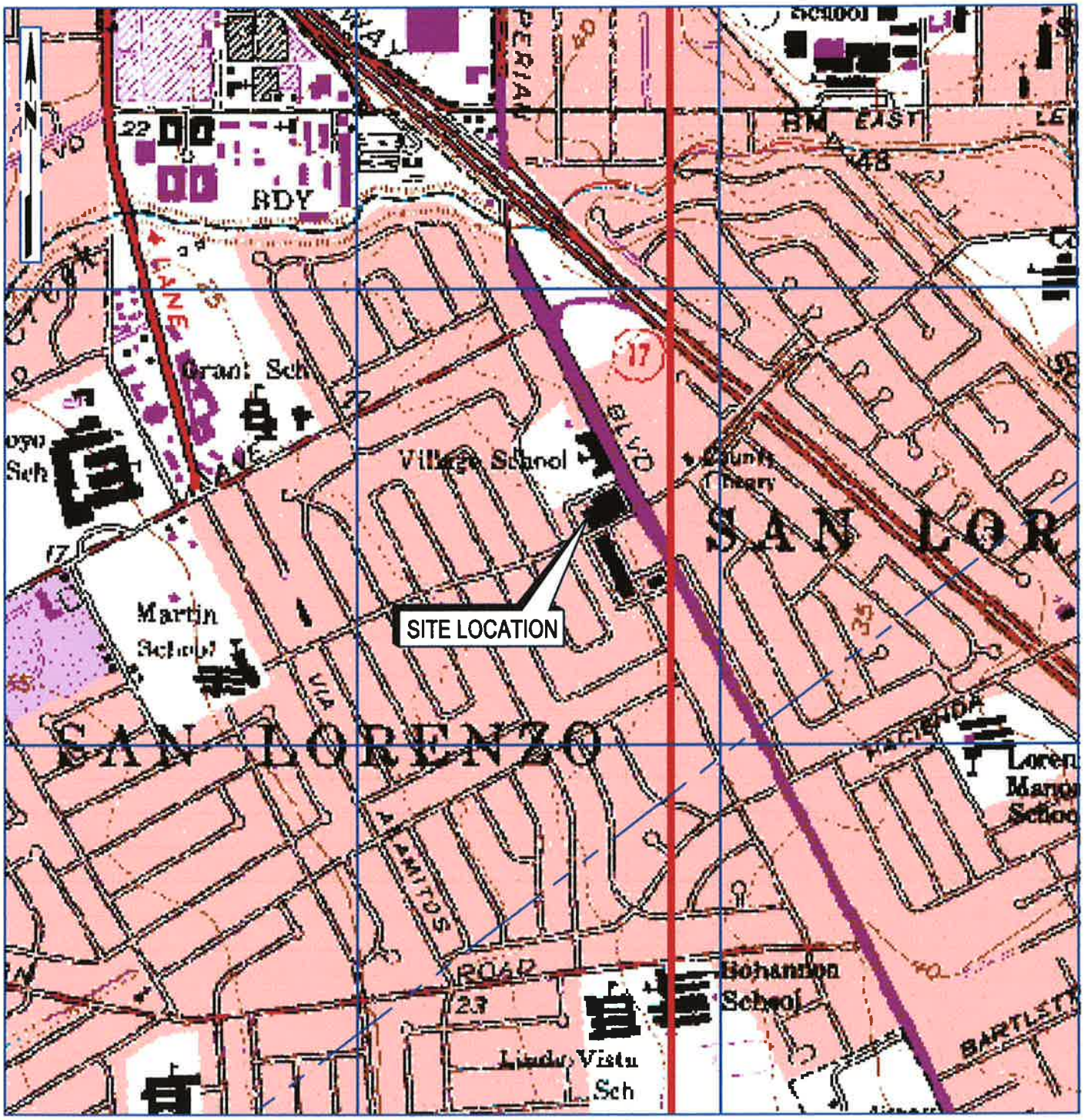
3.2.2 TPH as Gasoline

TPHg was reported in samples collected from wells MW-2, MW-3 and MW-4. Historical concentrations of TPHg in these three wells are shown on Figure 7 (MW-2 and MW-4) and Figure 8 (MW-3). During the August 2002 event, TPHg concentrations ranged from 1,000 µg/L at MW-2 to 6,700 µg/L at MW-3. Reported TPHg concentrations are generally consistent with historical results.

3.2.3 Inorganic Chemical Results

Nitrate was detected at concentrations of 15 and 38 milligrams per liter (mg/L) in samples from wells MW-1 and MW-5, respectively. Nitrate was not detected above the reporting limit in samples collected from wells MW-2, MW-3, and MW-4. Dissolved iron was reported at concentrations ranging from 1.5 to 8.3 mg/L in samples collected from wells MW-2, MW-3 and MW-4, and was not detected in samples from wells MW-1 and MW-5. Sulfate was reported at concentrations ranging from below the detection limit (MW-3) to 65 mg/L in well MW-1. Total alkalinity ranged from 450 to 870 mg/L, and orthophosphate was not detected. Inorganic chemical results are summarized on Table 3.

FIGURES



REFERENCE:

DeLORME 3-D TOPOQUADS

0 1000 2000

APPROXIMATE SCALE FEET

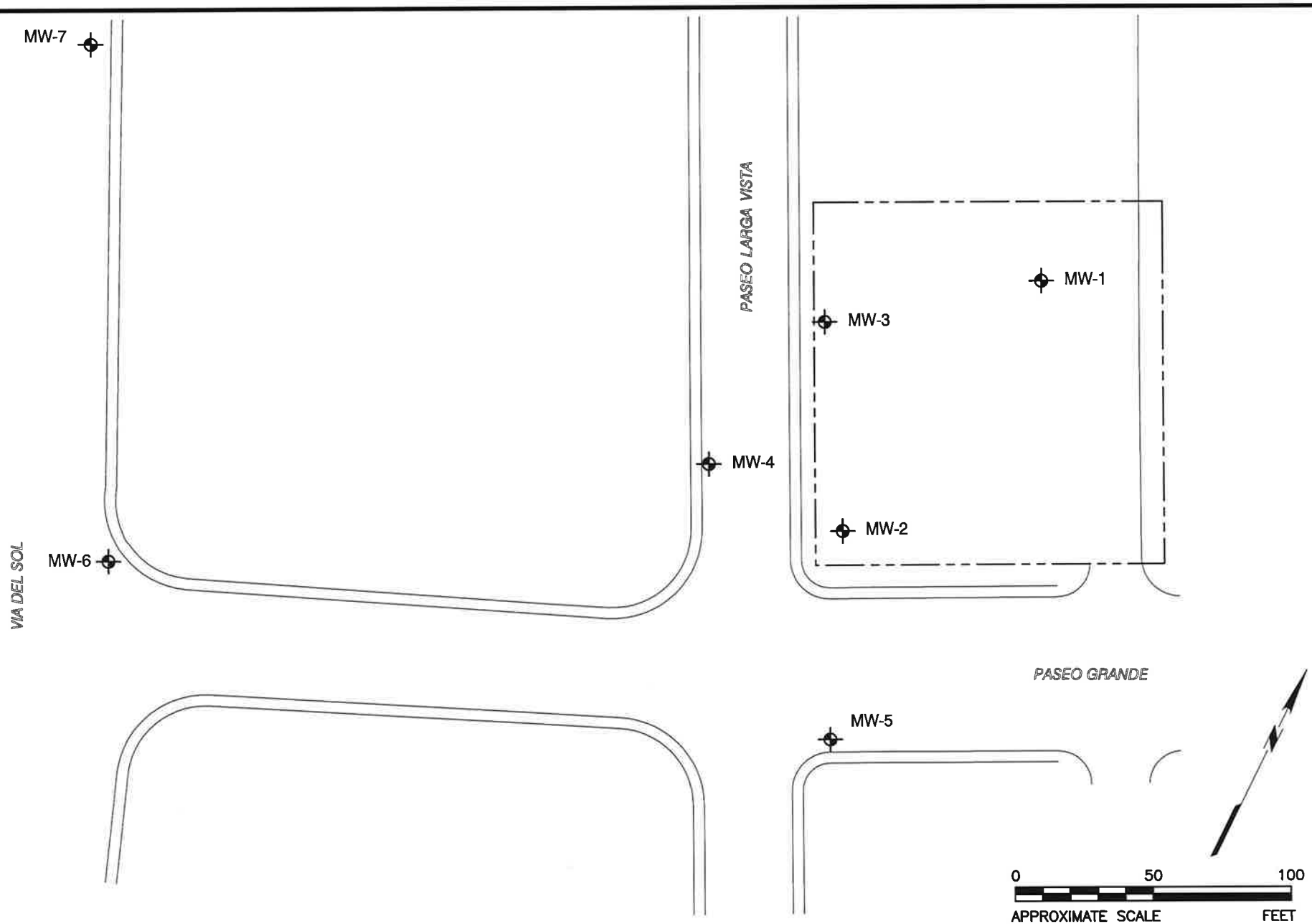
SECOR
International Incorporated

DRAWN	RRR
APPR	ND
DATE	11 MAY 2002
JOB NO.	05OT.50026.00.0005

FIGURE 1
BOHANNON DEVELOPMENT COMPANY
575 PASEO GRANDE
SAN LORENZO, CALIFORNIA

SITE LOCATION MAP

20021011.15050312 E:\BOH\2002 work plan\BOH-SITE LOCATION MAP-FIGURE 1-2002 work plan.dwg



LEGEND

MW-6 EXISTING WELL LOCATION

APPROXIMATE PROPERTY LINE

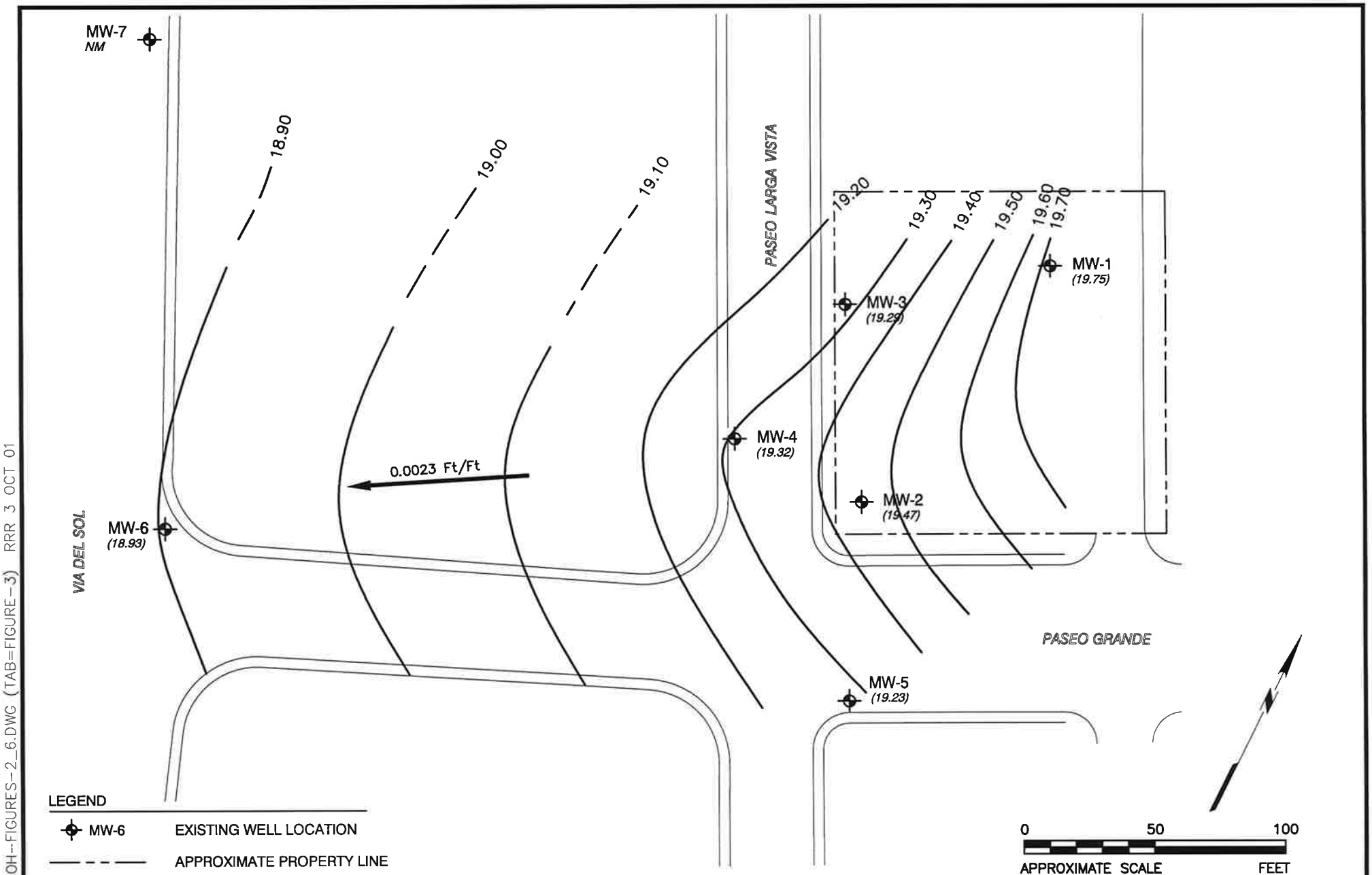
SECOR International Incorporated

DRAWN	PR
APPR	BR
DATE	21MAY2001
JOB NO.	007.03814.006

FIGURE 2

BOHANNON DEVELOPMENT COMPANY
575 PASEO GRANDE
SAN LORENZO, CALIFORNIA
SITE PLAN

G:\CONCORD\BOH\BOH-FIGURES-2_6.DWG (TAB=FIGURE-2) RRR 3 OCT 01



LEGEND

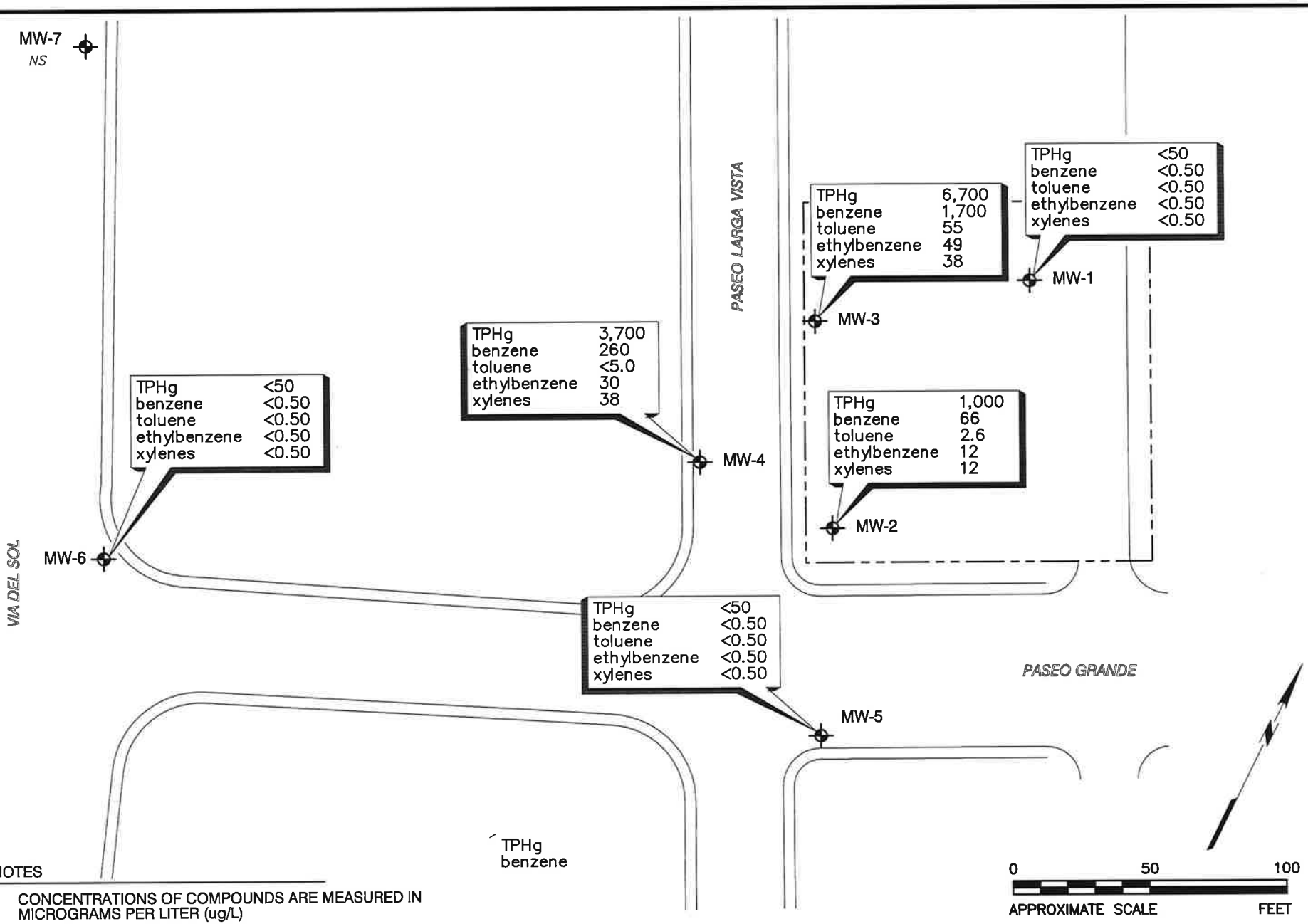
MW-6	EXISTING WELL LOCATION
— — —	APPROXIMATE PROPERTY LINE
0.0023 Ft/Ft	HYDRAULIC GRADIENT
19.70	GROUNDWATER SURFACE ELEVATION CONTOUR
(18.93)	GROUNDWATER ELEVATION (FEET ABOVE MSL)
NM	NOT MEASURED

SECOR
International Incorporated

DRAWN	RRR
APPR	ND
DATE	14 OCT 02
JOB NO.	050T.50063.00

FIGURE 3
BOHANNON DEVELOPMENT COMPANY
575 PASEO GRANDE
SAN LORENZO, CALIFORNIA
POTENTIOMETRIC SURFACE MAP
AUGUST 29, 2002

G:\CONCORD\BOH\BOH--FIGURES-2_6.DWG (TAB=FIGURE-3) RRR 3 OCT 01



NOTES

CONCENTRATIONS OF COMPOUNDS ARE MEASURED IN MICROGRAMS PER LITER (ug/L)

LEGEND

MW-6	EXISTING WELL LOCATION
— — —	APPROXIMATE PROPERTY LINE
TPHg	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE

SECOR International Incorporated

DRAWN	RRR
APPR	ND
DATE	14 OCT 02
JOB NO.	050T.50063.00

FIGURE 4

BOHANNON DEVELOPMENT COMPANY
575 PASEO GRANDE
SAN LORENZO, CALIFORNIA

CHEMICAL CONCENTRATIONS IN GROUNDWATER AUGUST 29, 2002

G:\CONCORD\BOH\BOH-FIGURES-2_6.DWG (TAB=FIGURE-5) RRR 3 OCT 01

Figure 5 - Historical Concentrations of Benzene at MW-2 and MW-4

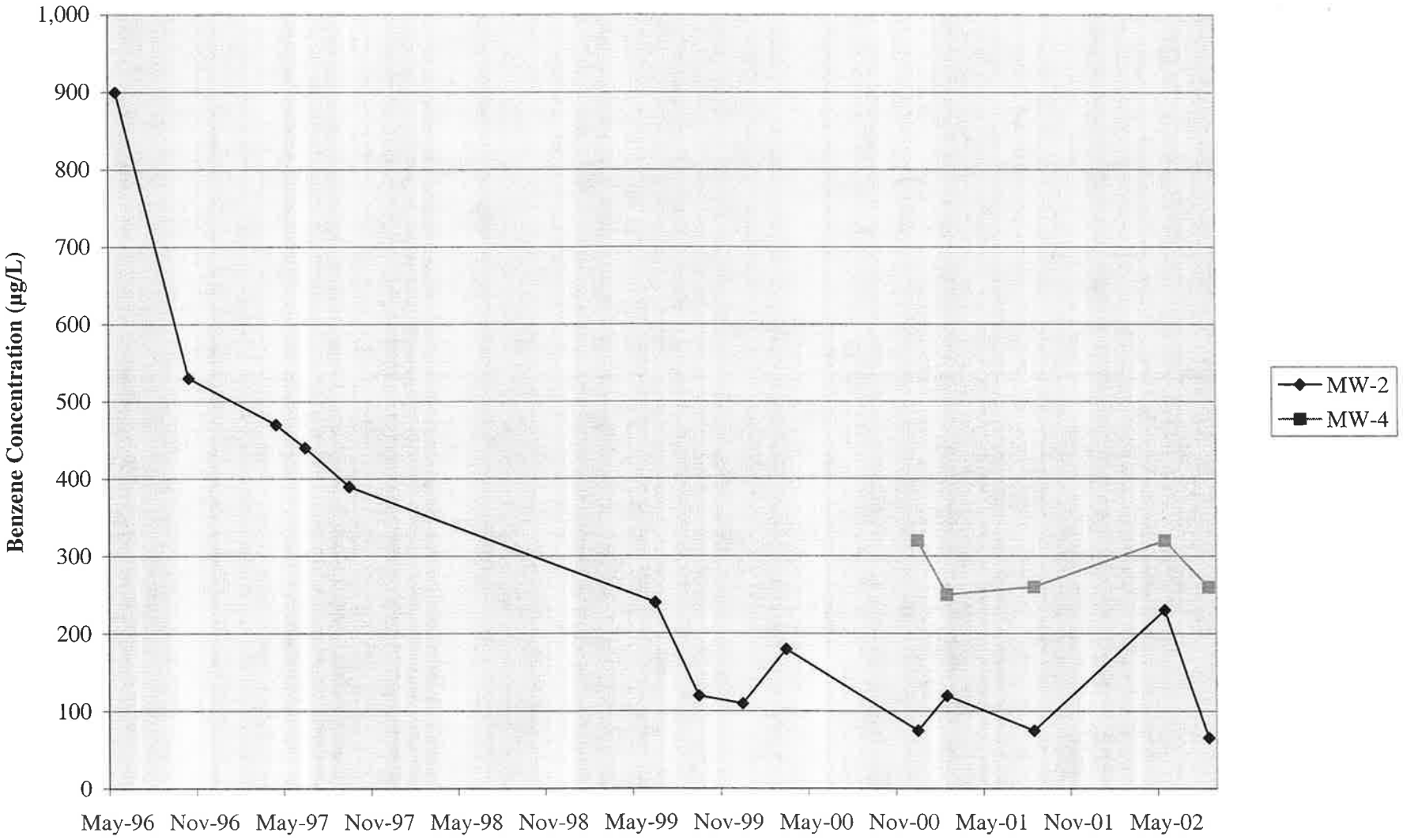


Figure 6 - Historical Concentrations of Benzene at MW-3

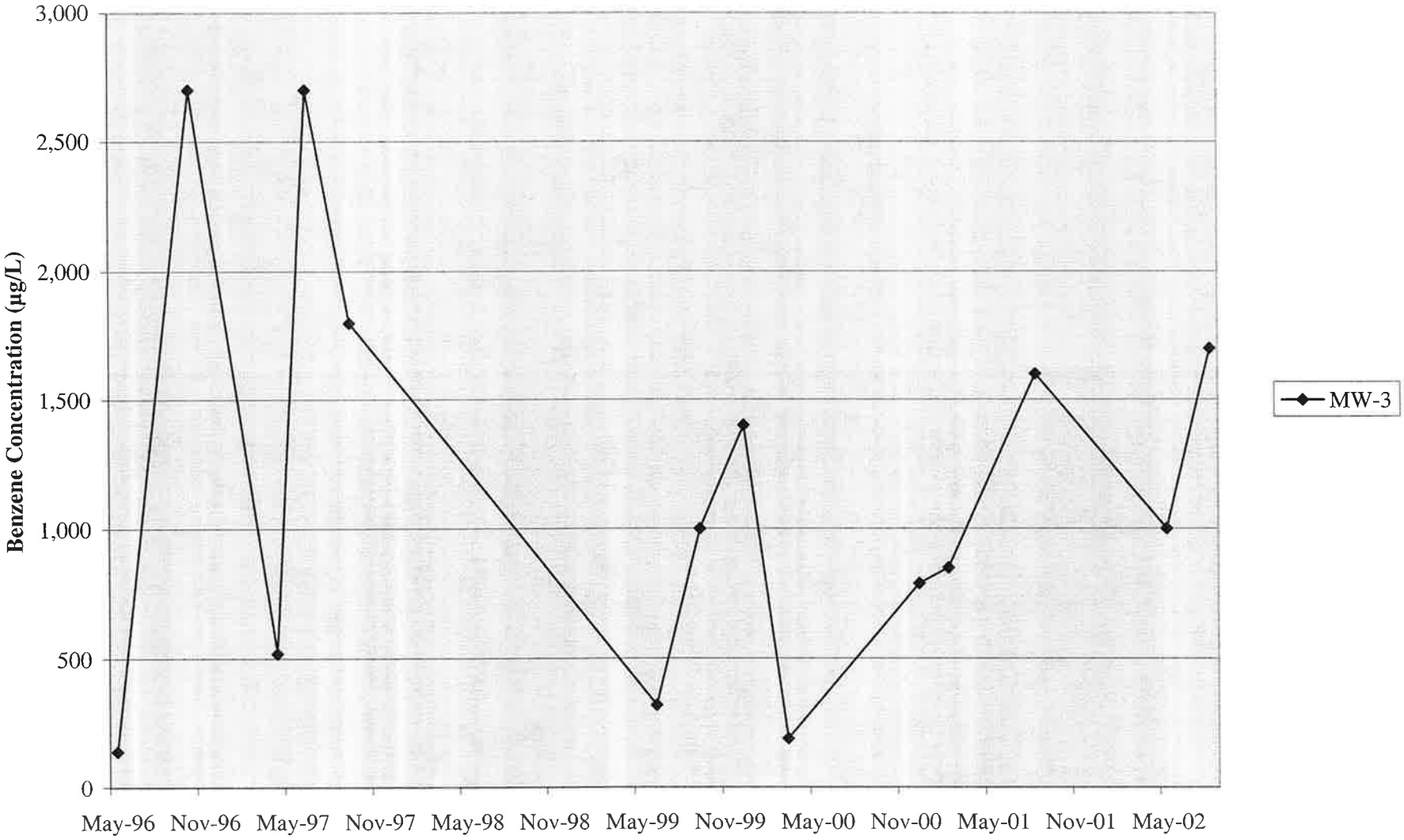


Figure 7 - Historical Concentrations of TPHg at MW-2 and MW-4

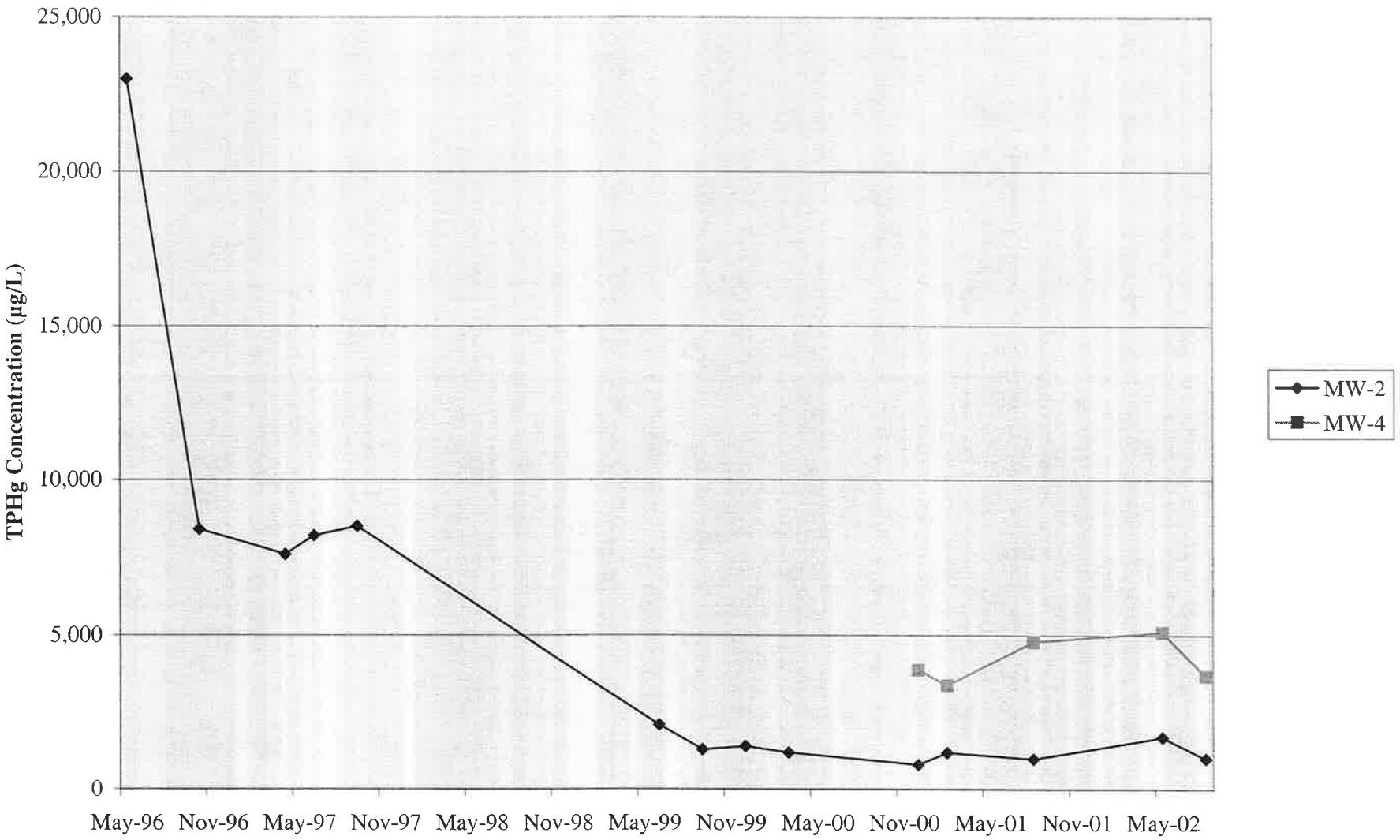
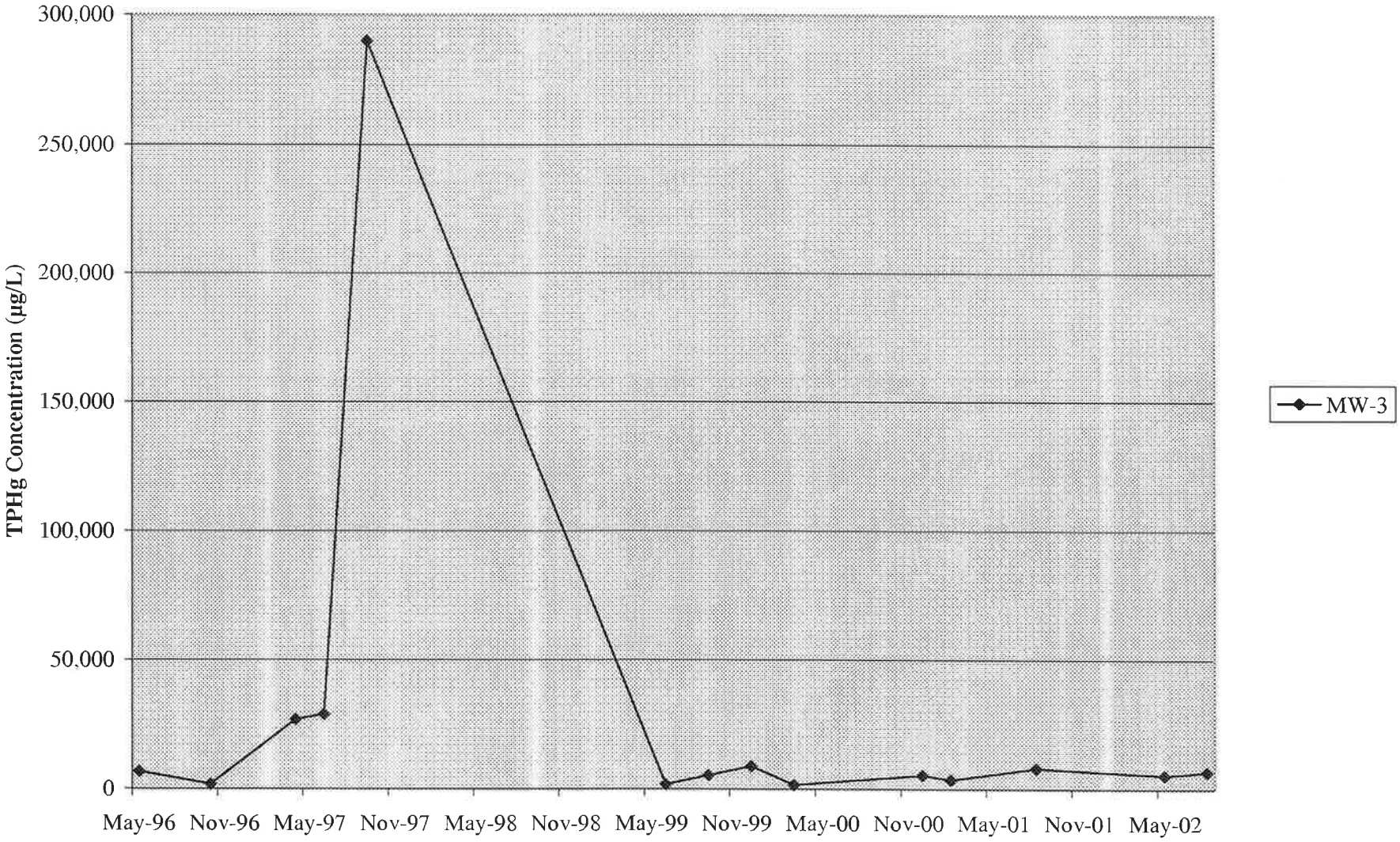


Figure 8 - Historical Concentrations of TPHg at MW-3



TABLES

Table 1
Historical Groundwater Elevation Data
575 Paseo Grande
San Lorenzo, California

Date	TOC (ft msl)	DTW (ft bTOC)	ELEV (ft msl)
MW-1			
17-May-96	27.11	5.65	21.46
8-Oct-96		7.47	19.64
1-Apr-97		6.27	20.84
12-Jun-97		6.90	20.21
10-Sep-97		7.48	19.63
8-Jun-99		6.44	20.67
13-Sep-99		7.56	19.55
21-Dec-99		7.41	19.70
17-Mar-00		5.35	21.76
5-Dec-00	26.98	6.99	19.99
28-Feb-01		5.71	21.27
22-Aug-01		7.39	19.59
22-May-02		6.25	20.73
29-Aug-02		7.23	19.75
MW-2			
17-May-96	26.73	5.56	21.17
8-Oct-96		7.15	19.58
1-Apr-97		6.61	20.12
12-Jun-97		6.76	19.97
10-Sep-97		7.19	19.54
8-Jun-99		6.45	20.28
13-Sep-99		7.46	19.27
21-Dec-99		7.26	19.47
17-Mar-00		5.56	21.17
5-Dec-00	26.73	7.01	19.72
28-Feb-01		5.81	20.92
22-Aug-01		7.42	19.31
22-May-02		6.40	20.33
29-Aug-02		7.26	19.47
MW-3			
17-May-96	26.15	4.39	21.76
8-Oct-96		6.82	19.33
1-Apr-97		5.53	20.62
12-Jun-97		6.18	19.97
10-Sep-97		6.81	19.34
8-Jun-99		5.74	20.41
13-Sep-99		6.88	19.27
21-Dec-99		6.66	19.49
17-Mar-00		4.51	21.64
5-Dec-00	26.55	6.84	19.71
28-Feb-01		5.44	21.11

Table 1
Historical Groundwater Elevation Data
575 Paseo Grande
San Lorenzo, California

Date	TOC (ft msl)	DTW (ft bTOC)	ELEV (ft msl)
22-Aug-01		7.29	19.26
22-May-02		6.22	20.33
29-Aug-02		7.26	19.29
MW-4			
5-Dec-00	25.87	6.28	19.59
28-Feb-01		4.99	20.88
22-Aug-01		6.73	19.14
22-May-02		5.50	20.37
29-Aug-02		6.55	19.32
MW-5			
5-Dec-00	25.77	6.25	19.52
28-Feb-01		4.95	20.82
22-Aug-01		6.69	19.08
22-May-02		5.50	20.27
29-Aug-02		6.54	19.23
MW-6			
5-Dec-00	24.89	5.68	19.21
28-Feb-01		4.35	20.54
22-Aug-01		6.15	18.74
22-May-02		4.91	19.98
29-Aug-02		5.96	18.93
MW-7			
5-Dec-00	25.43	6.43	19.00
28-Feb-01		4.76	20.67
22-Aug-01		6.95	18.48
22-May-02		5.55	19.88
29-Aug-02		NM	--

Notes:
TOC = Top of well casing
DTW = Depth to Water
ELEV = Water table elevation above MSL
ft msl = Feet above mean sea level
ft bTOC = Feet below top of casing
NM = Not Measured

Table 2
Historical Groundwater Analytical Results
575 Paseo Grande
San Lorenzo, California

	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	Chromium (ug/L)	Dissolved Inorganic Lead (ug/L)
MW-1								
17-May-96	**1,100**	ND (<0.5)	**8.7**	**7.4**	**17**	NA	ND (<10)	ND (<50)
8-Oct-96	**120**	ND (<0.5)	ND (<0.5)	**2.7**	ND (<0.5)	NA	NA	NA
1-Apr-97	**550**	ND (<0.5)	ND (<0.5)	**7.6**	**6.6**	NA	NA	NA
12-Jun-97	**160**	ND (<0.5)	ND (<0.5)	**2.9**	**1.7**	NA	NA	NA
10-Sep-97	**640**	**2.2**[P]	**3.8**[P]	**7.4**[P]	**16**[P]	NA	NA	NA
8-Jun-99	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<10)	ND (<10)	ND (<20)
21-Dec-99	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	**1.1**	NA	NA	ND (<5.0)
13-Sep-99	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
17-Mar-00	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	**0.79**	ND (<5)	NA	ND (<5.0)
5-Dec-00	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
28-Feb-01	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
22-Aug-01	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<5.0)	NA	ND (<5.0)
22-May-02	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
29-Aug-02	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
MW-2								
17-May-96	**23,000**	**900**	**330**	**650**	**1,500**	NA	ND (<10)	ND (<50)
8-Oct-96	**8,400**	**530**	ND (<50)	**400**	**360**	NA	NA	NA
1-Apr-97	**7,600**	**470**	**64**	**210**	**250**	NA	NA	NA
12-Jun-97	**8,200**	**440**	**52**	**190**	**190**	NA	NA	NA
10-Sep-97	**8,500**	**390**	**51**[P]	**220**	**240**	NA	NA	NA
8-Jun-99	**2,100**	**240**	**8**	**33**	**40**	ND (<10)	ND (<10)	**33**
13-Sep-99	**1,300**	**120**	ND (<5.0)	ND (<5.0)	**15**	NA	NA	NA
21-Dec-99	**1,400**	**110**	**5.6**	**11**	**17**	NA	NA	ND (<5.0)
17-Mar-00	**1,200**	**180**	**19**	**28**	**31**	ND (<50)	NA	ND (<5.0)
5-Dec-00	**800**	**75**	**1.8**	**11**	**14**	NA	NA	NA
28-Feb-01	**1,200**	**120**	**7.1**	**19**	**27**	NA	NA	NA
22-Aug-01	**990**	**75**	**3.5**	**8.9**	**8.1**	ND (<5.0)	NA	ND (<5.0)
22-May-02	**1,700**	**230**	**12**	**12**	**25**	NA	NA	NA
29-Aug-02	**1,000**	**66**	**2.6**	**12**	**12**	NA	NA	NA
MW-3								
17-May-96	**6,700**	**140**	**45**	**210**	**180**	NA	ND (<10)	ND (<50)
8-Oct-96	**1,800**	**2,700**	**240**	**910**	**970**	NA	NA	NA
1-Apr-97	**27,000**	**520**	**50**	**520**	**450**	NA	NA	NA
12-Jun-97	**29,000**	**2,700**	**160**	**940**	**500**	NA	NA	NA
10-Sep-97	**290,000**	**1,800**	**3,200**	**2800**[P]	**6900**[P]	NA	NA	NA
8-Jun-99	**1,700**	**320**	**6.4**	**15**	ND (<0.5)	ND (<10)	ND (<10)	**24**
13-Sep-99	**5,400**	**1,000**	ND (<20)	ND (<20)	ND (<20)	NA	NA	NA
21-Dec-99	**8,800**	**1,400**	**63**	**17**	**23**	NA	NA	ND (<5.0)
17-Mar-00	**1,500**	**190**	ND (<5)	**7.6**	ND (<5)	ND (<50)	NA	ND (<5.0)
5-Dec-00	**5,400**	**790**	**20**	**7.4**	**10**	NA	NA	NA
28-Feb-01	**3,600**	**850**	**15**	**25**	**10**	NA	NA	NA

Table 2
Historical Groundwater Analytical Results
575 Paseo Grande
San Lorenzo, California

	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	Chromium (ug/L)	Dissolved Inorganic Lead (ug/L)
22-Aug-01	**8,100**	**1,600**	**28**	**44**	**17**	ND (<50)	NA	ND (<5.0)
22-May-02	**5,400**	**1,000**	**32**	**13**	**21**	NA	NA	NA
29-Aug-02	**6,700**	**1,700**	**55**	**49**	**38**	NA	NA	NA
MW-4								
5-Dec-00	**3,900**	**320**	**13**	**41**	**31**	NA	NA	ND (<5.0)
28-Feb-01	**3,400**	**250**	**14**	**44**	**22**	NA	NA	ND (<5.0)
22-Aug-01	**4,800**	**260**	**12**	**27**	**9**	ND (<50)	NA	ND (<5.0)
22-May-02	**5,100**	**320**	**29**	**74**	**50**	NA	NA	NA
29-Aug-02	**3,700**	**260**	ND (<5.0)	**30**	**28**	NA	NA	NA
MW-5								
5-Dec-00	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	ND (<5.0)
28-Feb-01	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	ND (<5.0)
22-Aug-01	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<5.0)	NA	ND (<5.0)
22-May-02	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
29-Aug-02	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
MW-6								
5-Dec-00	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	ND (<5.0)
28-Feb-01	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	ND (<5.0)
22-Aug-01	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<5.0)	NA	ND (<5.0)
22-May-02	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
29-Aug-02	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
MW-7								
5-Dec-00	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	**1.5**	NA	NA	ND (<5.0)
28-Feb-01	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	**6.7**	NA	NA	ND (<5.0)
22-Aug-01	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<5.0)	NA	ND (<5.0)
22-May-02	ND (<50)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	NA	NA	NA
29-Aug-02	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
TPHg = Total petroleum hydrocarbons quantified as gasoline
ug/L = Micrograms per liter
ND = Below laboratory detection limits (detection limit indicated in parentheses)
[1] The laboratory noted that there was a greater than 25% difference in results between the two GC columns.
NA = Not analylzed
NS = Not Sampled

Table 3
Inorganic Chemical Results
575 Paseo Grande
San Lorenzo, California

	Dissolved Iron (mg/L)	Nitrate (mg/L)	Orthophosphate (mg/L)	Sulfate (mg/L)	Alkalinity (Total) (mg/L)
MW-1					
29-Aug-02	ND (<0.2)	**15**	ND (<1.0)	**65**	**660**
MW-2					
29-Aug-02	**1.5**	ND (<1.0)	ND (<1.0)	**13**	**820**
MW-3					
29-Aug-02	**8.3**	ND (<1.0)	ND (<1.0)	ND (<1.0)	**870**
MW-4					
29-Aug-02	**4.8**	ND (<1.0)	ND (<1.0)	**2.3**	**650**
MW-5					
29-Aug-02	ND (<0.2)	**38**	ND (<1.0)	**61**	**450**
MW-6					
29-Aug-02	NS	NS	NS	NS	NS
MW-7					
29-Aug-02	NS	NS	NS	NS	NS

Notes:
mg/L = Milligrams per liter
ND = Below laboratory detection limits (detection limit indicated in parentheses)
NS = Not Sampled

APPENDIX A
Field Data Sheets

SECOR International Incorporated

HYDROLOGIC DATA SHEET

Gauge Date: 8/29/08 **Project Name:** *575 Paseo Grande, San Lorenzo*

Field Technician: *Dylan Cardiff* **Project Number:** *05OT.50026.00, Phase 0004*

TOC = Top of Well Casing Elevation
DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

DIA = Well Casing Diameter
ELEV = Groundwater Elevation
DUP = Duplicate

WELL OR LOCATION	TIME	MEASUREMENT						PURGE & SAMPLE	SHEEN CONFIRMATION (w/bailer)	COMMENTS
		TOC	DTP	DTW	DTB	DIA	ELEV			
MW-1	9:30			7.23	14.40			x		
MW-2	12:40			7.26	14.70			x		
MW-3	14:10			7.26	13.00			x		
MW-4	13:25			6.55	15.15			x		
MW-5	11:15			6.54	14.35			x		
MW-6	10:34			5.96	14.55			x		
MW-7	—			—	14.70			x		Well Parked On

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT.50026.00 | PURGED BY: DC | WELL I.D.: MW-1

CLIENT NAME: Bohannon Development | SAMPLED BY: DC | SAMPLE I.D.: MW-1

LOCATION: 575 Paseo Grande, San Lorenzo, Caliofrnia | QA SAMPLES: —

DATE PURGED 8/29/02 | START (2400hr) 9:30 | END (2400hr) 9:45

DATE SAMPLED 8/29/02 | SAMPLE TIME (2400hr) 9:50

SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X (0.17) | 3" ____ (0.38) | 4" ____ (0.67) | 5" ____ (1.02) | 6" ____ (1.50) | 8" ____ (2.60) | Other ____ ( )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 14.40 | CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 7.23 | CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = 7.17 | ACTUAL PURGE (gal) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	DO ppm / %	ORP (mV)
8/29/02	9:37	0.1	22.69	1.41 ms/cm	6.78	6.61	256
	9:38	0.2	23.10	1.40	6.83	5.62	247
	9:39	0.3	23.15	1.40	6.86	5.33	245
	9:40	0.4	23.14	1.40	6.87	5.23	243
	9:41	0.5	23.13	1.39	6.88	5.12	240
	9:42	0.6	23.16	1.39	6.89	4.97	238
	9:43	0.7	23.18	1.39	6.90	4.84	234
	9:44	0.8	23.20	1.38	6.92	4.62	231
	9:45	0.9	23.21	1.38	6.91	4.61	230

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 7.20 | SAMPLE TURBIDITY: low

80% RECHARGE: X YES ___ NO | ANALYSES: see COC

ODOR: none | SAMPLE VESSEL / PRESERVATIVE: 3 HCl VOAs, 2 non 500ml poly, 1-250ml HNO3

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
___ Bailer (Teflon)
___ Bailer (___ PVC or ___ disposable)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

WELL INTEGRITY: good | LOCK#: dolphin

REMARKS: ____

SIGNATURE: Ryan Cordy

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT.50026.00 | PURGED BY: DC | WELL I.D.: MW-2

CLIENT NAME: Bohannon Development | SAMPLED BY: DC | SAMPLE I.D.: MW-2

LOCATION: 575 Paseo Grande, San Lorenzo, Caliofrnia | QA SAMPLES: —

DATE PURGED 8/29/02 | START (2400hr) 12:40 | END (2400hr) 12:52

DATE SAMPLED 8/29/02 | SAMPLE TIME (2400hr) 12:55

SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X | 3" ____ | 4" ____ | 5" ____ | 6" ____ | 8" ____ | Other ____ ( )

Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60)

DEPTH TO BOTTOM (feet) = 14.70 | CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 7.26 | CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = 7.44 | ACTUAL PURGE (gal) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	DO ppm / %	ORP (mV)
8/29/02	12:44	0.1	24.28	1.74 ms/cm	6.45	4.53	-132
	12:45	0.2	24.20	1.72	6.47	4.17	-132
	12:46	0.3	24.22	1.73	6.48	3.78	-133
	12:47	0.4	24.17	1.71	6.48	3.54	-134
	12:48	0.5	24.17	1.70	6.48	3.36	-135
	12:49	0.6	24.16	1.71	6.48	3.24	-135
	12:50	0.7	24.17	1.70	6.48	3.09	-136
	12:51	0.8	24.11	1.70	6.49	2.86	-136
	12:52	0.9	24.11	1.70	6.49	2.80	-137

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 7.29 | SAMPLE TURBIDITY: low

80% RECHARGE: X YES ___ NO | ANALYSES: see COC

ODOR: TPH | SAMPLE VESSEL / PRESERVATIVE: 3 HCL VOAs, 2 non 500ml poly, 1 250ml HNO_3

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
___ Bailer (Teflon)
___ Bailer (___ PVC or ___ disposable)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

WELL INTEGRITY: good | LOCK#(Combo)? pulled it off

REMARKS: some minor black specks & floaties

SIGNATURE: Dfa Cardiff

Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT.50026.00 | PURGED BY: DC | WELL I.D.: MW-3

CLIENT NAME: Bohannon Development | SAMPLED BY: DC | SAMPLE I.D.: MW-3

LOCATION: 575 Paseo Grande, San Lorenzo, Caliofrnia | QA SAMPLES: —

DATE PURGED: 8/29/02 | START (2400hr): 14:10 | END (2400hr): 14:19

DATE SAMPLED: 8/29/02 | SAMPLE TIME (2400hr): 14:25

SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X (0.17) | 3" ____ (0.38) | 4" ____ (0.67) | 5" ____ (1.02) | 6" ____ (1.50) | 8" ____ (2.60) | Other ____ ( )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 13.00

DEPTH TO WATER (feet) = 7.26

WATER COLUMN HEIGHT (feet) = ~~7.29~~

CASING VOLUME (gal) = ____

CALCULATED PURGE (gal) = ____

ACTUAL PURGE (gal) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	DO ppm / %	ORP (mV)
8/29/02	14:12	0.1	23.89	1.82 mS/cm	6.52	1.81	-163
	14:13	0.2	23.88	1.82	6.53	1.81	-164
	14:14	0.3	23.91	1.82	6.53	1.78	-163
	14:15	0.4	23.96	1.82	6.53	1.74	-164
	14:16	0.5	24.00	1.83	6.53	1.69	-164
	14:17	0.6	24.05	1.83	6.53	1.66	-164
	14:18	0.7	24.15	1.83	6.52	1.62	-165
	14:19	0.8	24.16	1.83	6.53	1.58	-165

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 7.29 | SAMPLE TURBIDITY: low

80% RECHARGE: X YES ___ NO | ANALYSES: see COC

ODOR: TPH | SAMPLE VESSEL / PRESERVATIVE: 3 HCL VOAs, 2 non 500ml poly, 1 250ml HNO3

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
___ Bailer (Teflon)
___ Bailer (___ PVC or ___ disposable)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

WELL INTEGRITY: good | LOCK#: 0909

REMARKS: some small black specks

SIGNATURE: Brian Cardiff

Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT.50026.00 | PURGED BY: DC | WELL I.D.: MW-4

CLIENT NAME: Bohannon Development | SAMPLED BY: DC | SAMPLE I.D.: MW-4

LOCATION: 575 Paseo Grande, San Lorenzo, Caliofrnia | QA SAMPLES: —

DATE PURGED 8/29/05 | START (2400hr) 13:25 | END (2400hr) 13:35

DATE SAMPLED 8/29/05 | SAMPLE TIME (2400hr) 13:40

SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X | 3" ____ | 4" ____ | 5" ____ | 6" ____ | 8" ____ | Other ____

Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60) | ( )

DEPTH TO BOTTOM (feet) = 15.15 | CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 6.55 | CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = ____ | ACTUAL PURGE (gal) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	DO ppm / %	ORP (mV)
8/29/05	13:29	0.1	22.58	0.921 ms/cm	6.47	2.40	-144
	13:30	0.2	22.18	0.914	6.47	2.24	-144
	13:31	0.3	21.86	0.918	6.47	2.10	-144
	13:32	0.4	21.68	0.919	6.48	2.00	-145
	13:33	0.5	21.60	0.916	6.49	1.93	-145
	13:34	0.6	21.48	0.918	6.49	1.90	-145
	13:35	0.7	21.47	0.920	6.48	1.86	-146

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 6.59 | SAMPLE TURBIDITY: low

80% RECHARGE: X YES ___ NO | ANALYSES: see COC

ODOR: TPH | SAMPLE VESSEL / PRESERVATIVE: 3 HCL VOAs, 2 non 500ml poly, 1 250ml HNO_3

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
___ Bailer (Teflon)
___ Bailer (___ PVC or ___ disposable)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

WELL INTEGRITY: good | LOCK#: 0909

REMARKS: ____

SIGNATURE: Rfa Cardiff | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT.50026.00 | PURGED BY: DC | WELL I.D.: MW-5

CLIENT NAME: Bohannon Development | SAMPLED BY: DC | SAMPLE I.D.: MW-5

LOCATION: 575 Paseo Grande, San Lorenzo, Caliofrnia | QA SAMPLES: –

DATE PURGED 8/29/08 | START (2400hr) 11:15 | END (2400hr) 11:54

DATE SAMPLED 8/29/08 | SAMPLE TIME (2400hr) 11:58

SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X (0.17) | 3" ____ (0.38) | 4" ____ (0.67) | 5" ____ (1.02) | 6" ____ (1.50) | 8" ____ (2.60) | Other ____ ( )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 14.35 | CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 6.54 | CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = ____ | ACTUAL PURGE (gal) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	DO ppm / %	ORP (mV)
8/29/08	11:21			0.709 mS/cm	7.60	9.96 ?	recalibrate
	11:48	0.2	23.11	0.801	6.86	2.62	172
	11:49	0.3	23.00	0.801	6.87	2.58	169
	11:50	0.4	22.84	0.801	6.88	2.37	163
	11:51	0.5	22.70	0.800	6.90	2.17	157
	11:52	0.6	22.69	0.799	6.90	2.02	150
	11:53	0.7	22.67	0.800	6.90	1.95	146
	11:54	0.8	22.66	0.799	6.90	1.89	142

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 6.56 | SAMPLE TURBIDITY: low

80% RECHARGE: + YES ___ NO | ANALYSES: see COC

ODOR: none | SAMPLE VESSEL / PRESERVATIVE: 3 HCL VOAs, 2 non 500ml poly, 1 250ml HNO3

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
+ Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
___ Bailer (Teflon)
___ Bailer (___ PVC or ___ disposable)
___ Bailer (Stainless Steel)
X Dedicated tubing

Other: ____

WELL INTEGRITY: good | LOCK#: dolphin

REMARKS: ____

SIGNATURE: Bja Cardiff

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT.50026.00 | PURGED BY: DC | WELL I.D.: MW-6

CLIENT NAME: Bohannon Development | SAMPLED BY: DC | SAMPLE I.D.: MW-6

LOCATION: 575 Paseo Grande, San Lorenzo, Caliofrnia | QA SAMPLES: —

DATE PURGED 8/29/02 | START (2400hr) 10:34 | END (2400hr) 10:44

DATE SAMPLED 8/29/02 | SAMPLE TIME (2400hr) 10:50

SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X | 3" ____ | 4" ____ | 5" ____ | 6" ____ | 8" ____ | Other ____

Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60) | ( )

DEPTH TO BOTTOM (feet) = 14.55 | CASING VOLUME (gal) = ____

DEPTH TO WATER (feet) = 5.96 | CALCULATED PURGE (gal) = ____

WATER COLUMN HEIGHT (feet) = ____ | ACTUAL PURGE (gal) = ____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	DO ppm / %	ORP (mV)
8/29/02	10:37	0.1	21.56	0.579 ms/cm	7.61	7.83	258
	10:38	0.2	21.58	0.573	7.49	6.35	257
	10:39	0.3	21.57	0.571	7.45	5.94	256
	10:40	0.4	21.65	0.569	7.41	5.57	254
	10:41	0.5	21.57	0.568	7.40	5.40	252
	10:42	0.6	21.57	0.567	7.39	5.24	251
	10:43	0.7	21.57	0.566	7.38	5.04	248
	10:44	0.8	21.60	0.564	7.37	4.92	247

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.98 | SAMPLE TURBIDITY: med

80% RECHARGE: X YES ___ NO | ANALYSES: see COC

ODOR: none | SAMPLE VESSEL / PRESERVATIVE: 3 HCl VOAs, ~~2 liter 500ml poly~~, 1 ~~250ml~~ HNO3

PURGING EQUIPMENT

___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
___ Submersible Pump | ___ Bailer (Stainless Steel)
X Peristalic Pump | X Dedicated tubing
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump | ___ Bailer (Stainless Steel)
X Peristalic Pump | X Dedicated tubing
Other: ____

WELL INTEGRITY: good | LOCK#: (0909)? cut

REMARKS: ____

SIGNATURE: Tyler Cordiff

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 05OT.50026.00 PURGED BY: DC WELL I.D.: MW-7

CLIENT NAME: Bohannon Development SAMPLED BY: DC SAMPLE I.D.: MW-7

LOCATION: 575 Paseo Grande, San Lorenzo, Caliofrnia QA SAMPLES: —

DATE PURGED 8/29/07 START (2400hr) _____ END (2400hr) _____

DATE SAMPLED 8/29/07 SAMPLE TIME (2400hr) _____

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X (0.17) 3" ____ (0.38) 4" ____ (0.67) 5" ____ (1.02) 6" ____ (1.50) 8" ____ (2.60) Other ____ ( )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 14.70 CASING VOLUME (gal) = _____

DEPTH TO WATER (feet) = Well Parked ON CALCULATED PURGE (gal) = _____

WATER COLUMN HEIGHT (feet) = _____ ACTUAL PURGE (gal) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	DO ppm / %	ORP (mV)

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: _____ SAMPLE TURBIDITY: _____

80% RECHARGE: ___ YES ___ NO ANALYSES: See COC

ODOR: _____ SAMPLE VESSEL / PRESERVATIVE: 3 HCl VOAs

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
Other: _____
Pump Depth: _____

___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
X Dedicated tubing

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
X Peristalic Pump
Other: _____

___ Bailer (Teflon)
___ Bailer (___ PVC or ___ disposable)
___ Bailer (Stainless Steel)
X Dedicated tubing

WELL INTEGRITY: _____ LOCK#: _____

REMARKS: _____

SIGNATURE: _____

APPENDIX B
Laboratory Analytical Reports

Submission#: 2002-08-0585

September 06, 2002

SEVERN TRENT LABORATORY

STL San Francisco
1220 Quarry Ln
Pleasanton CA 94566

Tel.: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP#:2496

SECOR- Lafayette
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Attn.: Neil Doran
Project#: 050T.50026.0004
Project: Bohannon Quarterly Monitoring - 3rd
Site: 575 Paseo Grande
San Lorenzo, CA

Attached is our report for your samples received on 08/29/2002 16:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 10/13/2002 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@chromalab.com

Sincerely,

Afsaneh Salimpour
Project Manager

Submission #: 2002-08-0585

Alkalinity (Total)

SECOR- Lafayette

Attn.: Neil Doran
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
San Lorenzo, CA

SEVERN TRENT LABORATORY

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1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	08/29/2002 09:50	Water	1
MW-2	08/29/2002 12:55	Water	2
MW-3	08/29/2002 14:25	Water	3
MW-4	08/29/2002 13:40	Water	4
MW-5	08/29/2002 11:58	Water	5

Submission #: 2002-08-0585

Alkalinity (Total)

SECOR- Lafayette

Attn.: Neil Doran
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

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Site: 575 Paseo Grande
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www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 310.1
Sample ID: **MW-1**
Sampled: 08/29/2002 09:50
Matrix: Water

Test(s): 310.1
Lab ID: 2002-08-0585 - 1
Extracted: 8/30/2002 00:00
QC Batch#: 2002/09/03-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity (Total)	660	5.0	mg/L	1.00	08/30/2002	

Submission #: 2002-08-0585

Alkalinity (Total)

SECOR- Lafayette

Attn.: Neil Doran
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

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Pleasanton, CA 94566

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www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 310.1
Sample ID: **MW-2**
Sampled: 08/29/2002 12:55
Matrix: Water

Test(s): 310.1
Lab ID: 2002-08-0585 - 2
Extracted: 8/30/2002 00:00
QC Batch#: 2002/09/03-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity (Total)	820	5.0	mg/L	1.00	08/30/2002	

Submission #: 2002-08-0585

Alkalinity (Total)

SECOR- Lafayette

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Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
San Lorenzo, CA

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www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 310.1
Sample ID: **MW-3**
Sampled: 08/29/2002 14:25
Matrix: Water

Test(s): 310.1
Lab ID: 2002-08-0585 - 3
Extracted: 8/30/2002 00:00
QC Batch#: 2002/09/03-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity (Total)	870	5.0	mg/L	1.00	08/30/2002	

Submission #: 2002-08-0585

Alkalinity (Total)

SECOR- Lafayette

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Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
San Lorenzo, CA

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www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 310.1
Sample ID: **MW-4**
Sampled: 08/29/2002 13:40
Matrix: Water

Test(s): 310.1
Lab ID: 2002-08-0585 - 4
Extracted: 8/30/2002 00:00
QC Batch#: 2002/09/03-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity (Total)	650	5.0	mg/L	1.00	08/30/2002	

Submission #: 2002-08-0585

Alkalinity (Total)

SECOR- Lafayette

Attn.: Neil Doran
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Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

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San Lorenzo, CA

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www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 310.1
Sample ID: **MW-5**
Sampled: 08/29/2002 11:58
Matrix: Water

Test(s): 310.1
Lab ID: 2002-08-0585 - 5
Extracted: 8/30/2002 00:00
QC Batch#: 2002/09/03-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity (Total)	450	5.0	mg/L	1.00	08/30/2002	

Submission #: 2002-08-0585

Alkalinity (Total)

SECOR- Lafayette

Attn.: Neil Doran
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
San Lorenzo, CA

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Fax: (925) 484-1096
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www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 310.1
Method Blank

Water

Test(s): 310.1
QC Batch # 2002/09/03-01.58

MB: 2002/09/03-01.58-001

Date Extracted: 08/30/2002 09:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Alkalinity (Total)	ND	5.0	mg/L	08/30/2002 09:00	

Submission #: 2002-08-0585

Alkalinity (Total)

SECOR- Lafayette

Attn.: Neil Doran
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Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
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www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 310.1

Test(s): 310.1

Laboratory Control Spike **Water** **QC Batch # 2002/09/03-01.58**

LCS 2002/09/03-01.58-002 Extracted: 08/30/2002 Analyzed: 08/30/2002 09:00
LCSD 2002/09/03-01.58-003 Extracted: 08/30/2002 Analyzed: 08/30/2002 09:00

Compound	Conc. mg/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Alkalinity (Total)	2340	2360	2500	93.6	94.4	0.9	80-120	20		

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

SECOR- Lafayette

Attn.: Neil Doran
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Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
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www.chromalab.com

CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	08/29/2002 09:50	Water	1
MW-2	08/29/2002 12:55	Water	2
MW-3	08/29/2002 14:25	Water	3
MW-4	08/29/2002 13:40	Water	4
MW-5	08/29/2002 11:58	Water	5
MW-6	08/29/2002 10:50	Water	6

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

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Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

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CA DHS ELAP# 2496

Prep(s): 5030
5030

Test(s): 8015M
8021B

Sample ID: **MW-1**

Lab ID: 2002-08-0585 - 1

Sampled: 08/29/2002 09:50

Extracted: 9/3/2002 12:44

Matrix: Water

QC Batch#: 2002/09/03-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/03/2002 12:44	
Benzene	ND	0.50	ug/L	1.00	09/03/2002 12:44	
Toluene	ND	0.50	ug/L	1.00	09/03/2002 12:44	
Ethyl benzene	ND	0.50	ug/L	1.00	09/03/2002 12:44	
Xylene(s)	ND	0.50	ug/L	1.00	09/03/2002 12:44	
Surrogates(s)						
Trifluorotoluene	99.5	58-124	%	1.00	09/03/2002 12:44	
4-Bromofluorobenzene-FID	84.7	50-150	%	1.00	09/03/2002 12:44	

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

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Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
San Lorenzo, CA

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Pleasanton, CA 94566

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www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 5030
5030

Test(s): 8015M
8021B

Sample ID: **MW-2**

Lab ID: 2002-08-0585 - 2

Sampled: 08/29/2002 12:55

Extracted: 9/4/2002 17:53

Matrix: Water

QC Batch#: 2002/09/04-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1000	50	ug/L	1.00	09/04/2002 17:53	g
Benzene	66	0.50	ug/L	1.00	09/04/2002 17:53	
Toluene	2.6	0.50	ug/L	1.00	09/04/2002 17:53	
Ethyl benzene	12	0.50	ug/L	1.00	09/04/2002 17:53	
Xylene(s)	12	0.50	ug/L	1.00	09/04/2002 17:53	
Surrogates(s)						
Trifluorotoluene	91.8	58-124	%	1.00	09/04/2002 17:53	
4-Bromofluorobenzene-FID	109.1	50-150	%	1.00	09/04/2002 17:53	

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

SECOR- Lafayette

Attn.: Neil Doran
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
San Lorenzo, CA

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Pleasanton, CA 94566

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Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 5030
5030

Test(s): 8015M
8021B

Sample ID: **MW-3**

Lab ID: 2002-08-0585 - 3

Sampled: 08/29/2002 14:25

Extracted: 9/4/2002 18:25

Matrix: Water

QC Batch#: 2002/09/04-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	6700	1000	ug/L	20.00	09/04/2002 18:25	g
Benzene	1700	10	ug/L	20.00	09/04/2002 18:25	
Toluene	55	10	ug/L	20.00	09/04/2002 18:25	
Ethyl benzene	49	10	ug/L	20.00	09/04/2002 18:25	
Xylene(s)	38	10	ug/L	20.00	09/04/2002 18:25	
Surrogates(s)						
Trifluorotoluene	107.4	58-124	%	20.00	09/04/2002 18:25	
4-Bromofluorobenzene-FID	88.2	50-150	%	20.00	09/04/2002 18:25	

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

SECOR- Lafayette

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www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 5030
5030

Test(s): 8015M
8021B

Sample ID: **MW-4**

Lab ID: 2002-08-0585 - 4

Sampled: 08/29/2002 13:40

Extracted: 9/3/2002 14:21

Matrix: Water

QC Batch#: 2002/09/03-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3700	500	ug/L	10.00	09/03/2002 14:21	g
Benzene	260	5.0	ug/L	10.00	09/03/2002 14:21	
Toluene	ND	5.0	ug/L	10.00	09/03/2002 14:21	
Ethyl benzene	30	5.0	ug/L	10.00	09/03/2002 14:21	
Xylene(s)	28	5.0	ug/L	10.00	09/03/2002 14:21	
Surrogates(s)						
Trifluorotoluene	90.7	58-124	%	10.00	09/03/2002 14:21	
4-Bromofluorobenzene-FID	79.7	50-150	%	10.00	09/03/2002 14:21	

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

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Received: 08/29/2002 16:00

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CA DHS ELAP# 2496

Prep(s): 5030
5030

Test(s): 8015M
8021B

Sample ID: **MW-5**

Lab ID: 2002-08-0585 - 5

Sampled: 08/29/2002 11:58

Extracted: 9/3/2002 14:53

Matrix: Water

QC Batch#: 2002/09/03-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/03/2002 14:53	
Benzene	ND	0.50	ug/L	1.00	09/03/2002 14:53	
Toluene	ND	0.50	ug/L	1.00	09/03/2002 14:53	
Ethyl benzene	ND	0.50	ug/L	1.00	09/03/2002 14:53	
Xylene(s)	ND	0.50	ug/L	1.00	09/03/2002 14:53	
Surrogates(s)						
Trifluorotoluene	93.3	58-124	%	1.00	09/03/2002 14:53	
4-Bromofluorobenzene-FID	82.0	50-150	%	1.00	09/03/2002 14:53	

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

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Project: 050T.50026.0004
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Received: 08/29/2002 16:00

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CA DHS ELAP# 2496

Prep(s): 5030
5030

Test(s): 8015M
8021B

Sample ID: **MW-6**

Lab ID: 2002-08-0585 - 6

Sampled: 08/29/2002 10:50

Extracted: 9/3/2002 15:26

Matrix: Water

QC Batch#: 2002/09/03-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/03/2002 15:26	
Benzene	ND	0.50	ug/L	1.00	09/03/2002 15:26	
Toluene	ND	0.50	ug/L	1.00	09/03/2002 15:26	
Ethyl benzene	ND	0.50	ug/L	1.00	09/03/2002 15:26	
Xylene(s)	ND	0.50	ug/L	1.00	09/03/2002 15:26	
Surrogates(s)						
Trifluorotoluene	96.9	58-124	%	1.00	09/03/2002 15:26	
4-Bromofluorobenzene-FID	82.8	50-150	%	1.00	09/03/2002 15:26	

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

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Project: 050T.50026.0004
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Received: 08/29/2002 16:00

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www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030
Method Blank

Water

Test(s): 8015M
QC Batch # 2002/09/03-01.05

MB: 2002/09/03-01.05-003

Date Extracted: 09/03/2002 08:08

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	09/03/2002 08:08	
Benzene	ND	0.5	ug/L	09/03/2002 08:08	
Toluene	ND	0.5	ug/L	09/03/2002 08:08	
Ethyl benzene	ND	0.5	ug/L	09/03/2002 08:08	
Xylene(s)	ND	0.5	ug/L	09/03/2002 08:08	
Surrogates(s)					
Trifluorotoluene	93.7	58-124	%	09/03/2002 08:08	
4-Bromofluorobenzene-FID	82.7	50-150	%	09/03/2002 08:08	

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

SECOR- Lafayette

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Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
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Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030
Method Blank

Water

Test(s): 8015M
QC Batch # 2002/09/04-01.05

MB: 2002/09/04-01.05-003

Date Extracted: 09/04/2002 08:18

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	09/04/2002 08:18	
Benzene	ND	0.5	ug/L	09/04/2002 08:18	
Toluene	ND	0.5	ug/L	09/04/2002 08:18	
Ethyl benzene	ND	0.5	ug/L	09/04/2002 08:18	
Xylene(s)	ND	0.5	ug/L	09/04/2002 08:18	
Surrogates(s)					
Trifluorotoluene	98.2	58-124	%	09/04/2002 08:18	
4-Bromofluorobenzene-FID	86.9	50-150	%	09/04/2002 08:18	

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

SECOR- Lafayette

Attn.: Neil Doran
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Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
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Fax: (925) 484-1096
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www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike **Water** **QC Batch # 2002/09/03-01.05**

LCS 2002/09/03-01.05-004 Extracted: 09/03/2002 Analyzed: 09/03/2002 08:40
LCSD 2002/09/03-01.05-005 Extracted: 09/03/2002 Analyzed: 09/03/2002 09:12

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	88.7	90.4	100.0	88.7	90.4	1.9	77-123	20		
Toluene	88.4	90.3	100.0	88.4	90.3	2.1	78-122	20		
Ethyl benzene	89.5	91.8	100.0	89.5	91.8	2.5	70-130	20		
Xylene(s)	261	267	300	87.0	89.0	2.3	75-125	20		
Surrogates(s)										
Trifluorotoluene	456	473	500	91.2	94.6		58-124			

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

SECOR- Lafayette

Attn.: Neil Doran
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
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Project: 050T.50026.0004
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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2002/09/03-01.05**

LCS 2002/09/03-01.05-006 Extracted: 09/03/2002 Analyzed: 09/03/2002 09:44
LCSD 2002/09/03-01.05-007 Extracted: 09/03/2002 Analyzed: 09/03/2002 10:16

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Gasoline	462	476	500	92.4	95.2	3.0	75-125	20		
Surrogates(s)										
4-Bromofluorobenzene-FID	431	427	500	86.2	85.4		50-150			

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike **Water** **QC Batch # 2002/09/04-01.05**

LCS 2002/09/04-01.05-004 Extracted: 09/04/2002 Analyzed: 09/04/2002 08:50
LCSD 2002/09/04-01.05-005 Extracted: 09/04/2002 Analyzed: 09/04/2002 09:22

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	93.6	93.6	100.0	93.6	93.6	0.0	77-123	20		
Toluene	93.6	94.8	100.0	93.6	94.8	1.3	78-122	20		
Ethyl benzene	93.9	97.0	100.0	93.9	97.0	3.2	70-130	20		
Xylene(s)	273	282	300	91.0	94.0	3.2	75-125	20		
Surrogates(s)										
Trifluorotoluene	477	485	500	95.4	97.0		58-124			

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2002/09/04-01.05

LCS 2002/09/04-01.05-006 Extracted: 09/04/2002 Analyzed: 09/04/2002 09:54

LCSD 2002/09/04-01.05-007 Extracted: 09/04/2002 Analyzed: 09/04/2002 10:26

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Gasoline	469	493	500	93.8	98.6	5.0	75-125	20		
Surrogates(s)										
4-Bromofluorobenzene-FID	446	453	500	89.2	90.6		50-150			

Submission #: 2002-08-0585

Gas/BTEX by 8015M/8021

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CA DHS ELAP# 2496

Legend and Notes

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Submission #: 2002-08-0585

Misc Anions by Ion Chromatograph

SECOR- Lafayette

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CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	08/29/2002 09:50	Water	1
MW-2	08/29/2002 12:55	Water	2
MW-3	08/29/2002 14:25	Water	3
MW-4	08/29/2002 13:40	Water	4
MW-5	08/29/2002 11:58	Water	5

Submission #: 2002-08-0585

Misc Anions by Ion Chromatograph

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Received: 08/29/2002 16:00

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CA DHS ELAP# 2496

Prep(s): 9056
Sample ID: **MW-1**
Sampled: 08/29/2002 09:50
Matrix: Water

Test(s): 9056
Lab ID: 2002-08-0585 - 1
Extracted: 8/30/2002 00:00
QC Batch#: 2002/08/30-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	15	1.0	mg/L	1.00	08/30/2002	
Orthophosphate	ND	1.0	mg/L	1.00	08/30/2002	
Sulfate	65	2.0	mg/L	2.00	08/30/2002	

Submission #: 2002-08-0585

Misc Anions by Ion Chromatograph

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CA DHS ELAP# 2496

Prep(s): 9056
Sample ID: **MW-2**
Sampled: 08/29/2002 12:55
Matrix: Water

Test(s): 9056
Lab ID: 2002-08-0585 - 2
Extracted: 8/30/2002 00:00
QC Batch#: 2002/08/30-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	ND	1.0	mg/L	1.00	08/30/2002	
Orthophosphate	ND	1.0	mg/L	1.00	08/30/2002	
Sulfate	13	1.0	mg/L	1.00	08/30/2002	

Submission #: 2002-08-0585

Misc Anions by Ion Chromatograph

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CA DHS ELAP# 2496

Prep(s): 9056
Sample ID: **MW-3**
Sampled: 08/29/2002 14:25
Matrix: Water

Test(s): 9056
Lab ID: 2002-08-0585 - 3
Extracted: 8/30/2002 00:00
QC Batch#: 2002/08/30-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	ND	1.0	mg/L	1.00	08/30/2002	
Orthophosphate	ND	1.0	mg/L	1.00	08/30/2002	
Sulfate	ND	1.0	mg/L	1.00	08/30/2002	

Submission #: 2002-08-0585

Misc Anions by Ion Chromatograph

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CA DHS ELAP# 2496

Prep(s): 9056
Sample ID: **MW-4**
Sampled: 08/29/2002 13:40
Matrix: Water

Test(s): 9056
Lab ID: 2002-08-0585 - 4
Extracted: 8/30/2002 00:00
QC Batch#: 2002/08/30-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	ND	1.0	mg/L	1.00	08/30/2002	
Orthophosphate	ND	1.0	mg/L	1.00	08/30/2002	
Sulfate	2.3	1.0	mg/L	1.00	08/30/2002	

Submission #: 2002-08-0585

Misc Anions by Ion Chromatograph

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CA DHS ELAP# 2496

Prep(s): 9056
Sample ID: **MW-5**
Sampled: 08/29/2002 11:58
Matrix: Water

Test(s): 9056
Lab ID: 2002-08-0585 - 5
Extracted: 8/30/2002 00:00
QC Batch#: 2002/08/30-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	38	1.0	mg/L	1.00	08/30/2002	
Orthophosphate	ND	1.0	mg/L	1.00	08/30/2002	
Sulfate	61	2.0	mg/L	2.00	08/30/2002	

Submission #: 2002-08-0585

Misc Anions by Ion Chromatograph

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57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 9056
Method Blank

MB: 2002/08/30-01.41-001

Water

Test(s): 9056
QC Batch # 2002/08/30-01.41
Date Extracted: 08/30/2002

Compound	Conc.	RL	Unit	Analyzed	Flag
Nitrate	ND	1.0	mg/L	08/30/2002	
Orthophosphate	ND	1.0	mg/L	08/30/2002	
Sulfate	ND	1.0	mg/L	08/30/2002	

Submission #: 2002-08-0585

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Misc Anions by Ion Chromatograph

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 9056

Test(s): 9056

Laboratory Control Spike **Water** **QC Batch # 2002/08/30-01.41**

LCS 2002/08/30-01.41-002 Extracted: 08/30/2002 Analyzed: 08/30/2002
LCSD 2002/08/30-01.41-003 Extracted: 08/30/2002 Analyzed: 08/30/2002

Compound	Conc. mg/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Nitrate	18.8	18.8	20.0	94.0	94.0	0.0	80-120	20		
Orthophosphate	19.2	19.1	20.0	96.0	95.5	0.5	80-120	20		
Sulfate	19.2	19.1	20.0	96.0	95.5	0.5	80-120	20		

Submission #: 2002-08-0585

Misc Anions by Ion Chromatograph

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 9056

Test(s): 9056

Matrix Spike (MS / MSD) **Water** **QC Batch # 2002/08/30-01.41**

MW-2 >> MS

Lab ID: 2002-08-0585 - 002

MS: 2002/08/30-01.41-004 Extracted: 08/30/2002 Analyzed: 08/30/2002

Dilution: 1.00

MSD: 2002/08/30-01.41-005 Extracted: 08/30/2002 Analyzed: 08/30/2002

Dilution: 1.00

Compound	Conc. mg/L			Spk.Level	Recovery			Limits %		Flags	
	MS	MSD	Sample	mg/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Nitrate	18.8	19.3	ND	20.0	94.0	96.5	2.6	80-120	20		
Orthophosphate	17.8	18.1	ND	20.0	89.0	90.5	1.7	80-120	20		
Sulfate	32.9	33.2	13.4	20.0	97.5	99.0	1.5	80-120	20		

Submission #: 2002-08-0585

Dissolved Metals

SECOR- Lafayette

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Project: 050T.50026.0004
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CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	08/29/2002 09:50	Water	1
MW-2	08/29/2002 12:55	Water	2
MW-3	08/29/2002 14:25	Water	3
MW-4	08/29/2002 13:40	Water	4
MW-5	08/29/2002 11:58	Water	5

Submission #: 2002-08-0585

Dissolved Metals

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CA DHS ELAP# 2496

Prep(s): 3005A
Sample ID: **MW-1**
Sampled: 08/29/2002 09:50
Matrix: Water

Test(s): 6010B
Lab ID: 2002-08-0585 - 1
Extracted: 8/30/2002 05:29
QC Batch#: 2002/08/30-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	ND	0.20	mg/L	1.00	08/30/2002 14:45	

Submission #: 2002-08-0585

Dissolved Metals

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CA DHS ELAP# 2496

Prep(s): 3005A
Sample ID: **MW-2**
Sampled: 08/29/2002 12:55
Matrix: Water

Test(s): 6010B
Lab ID: 2002-08-0585 - 2
Extracted: 8/30/2002 05:29
QC Batch#: 2002/08/30-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	1.5	0.20	mg/L	1.00	08/30/2002 14:50	

Submission #: 2002-08-0585

Dissolved Metals

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CA DHS ELAP# 2496

Prep(s): 3005A
Sample ID: **MW-3**
Sampled: 08/29/2002 14:25
Matrix: Water

Test(s): 6010B
Lab ID: 2002-08-0585 - 3
Extracted: 8/30/2002 05:29
QC Batch#: 2002/08/30-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	8.3	0.20	mg/L	1.00	08/30/2002 14:54	

Submission #: 2002-08-0585

Dissolved Metals

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CA DHS ELAP# 2496

Prep(s): 3005A
Test(s): 6010B

Sample ID: **MW-4**
Lab ID: 2002-08-0585 - 4

Sampled: 08/29/2002 13:40
Extracted: 8/30/2002 05:29

Matrix: Water
QC Batch#: 2002/08/30-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	4.8	0.20	mg/L	1.00	08/30/2002 14:58	

Submission #: 2002-08-0585

Dissolved Metals

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CA DHS ELAP# 2496

Prep(s): 3005A
Sample ID: **MW-5**
Sampled: 08/29/2002 11:58
Matrix: Water

Test(s): 6010B
Lab ID: 2002-08-0585 - 5
Extracted: 8/30/2002 05:29
QC Batch#: 2002/08/30-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	ND	0.20	mg/L	1.00	08/30/2002 15:03	

Submission #: 2002-08-0585

Dissolved Metals

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Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

Site: 575 Paseo Grande
San Lorenzo, CA

SEVERN TRENT LABORATORY

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 3005A
Method Blank

Water

Test(s): 6010B
QC Batch # 2002/08/30-05.15

MB: 2002/08/30-05.15-011

Date Extracted: 08/30/2002 05:29

Compound	Conc.	RL	Unit	Analyzed	Flag
Iron	ND	0.20	mg/L	08/30/2002 13:44	

Submission #: 2002-08-0585

Dissolved Metals

SECOR- Lafayette

Attn.: Neil Doran
57 Lafayette Circle, 2nd Floor
Lafayette, CA 94549-4321
Phone: (925) 299-9300 Fax: (925) 299-9302

Project: 050T.50026.0004
Bohannon Quarterly Monitoring - 3rd

Received: 08/29/2002 16:00

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CA DHS ELAP# 2496

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Laboratory Control Spike **Water** **QC Batch # 2002/08/30-05.15**

LCS 2002/08/30-05.15-012 Extracted: 08/30/2002 Analyzed: 08/30/2002 13:49
LCSD 2002/08/30-05.15-013 Extracted: 08/30/2002 Analyzed: 08/30/2002 13:53

Compound	Conc. mg/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Iron	5.13	5.16	5.00	102.6	103.2	0.6	80-120	20		

2002-08-0585 Chain-of Custody Number:

SECOR Chain-of Custody Record

68460

Field Office: 05- San Francisco
Address: 57 Lafayette Circle 2nd Floor
Lafayette CA 94549

☐ Additional documents are attached, and are a part of this Record.
Job Name: Bohannon Quarterly Monitoring - 3rd
Location: 575 Paseo Grande
San Lorenzo CA

Project # 05OT.50026 Task # 0004
Project Manager Neil Doran
Laboratory Chromalab
Turnaround Time Standard

Sampler's Name Dylan Cardiff
Sampler's Signature Dylan Cardiff

Analysis Request

Sample ID	Date	Time	Matrix	HCID	TPHg/BTEX/WTPH-G 8015 (modified)/8020	TPHd/WTPH-D 8015 (modified)	TPH 418.1/WTPH 418.1	Aromatic Volatiles 602/8020	Volatile Organics 624/8240 (GC/MS)	Halogenated Volatiles 601/8010	Semi-volatile Organics 625/8270 (GC/MS)	Pesticides/PCBs 608/8080	Total Lead 7421	Priority Pollutant Metals (13)	TCLP Metals	Nitrate Sulfate Phosphate	Alkalinity	Fe^{2+}	Comments/ Instructions	Number of Containers
MW-1	8/29	9:50	H2O		X											X	X	X		6
MW-2		12:55			X											X	X	X		6
MW-3		14:25			X											X	X	X		6
MW-4		13:40			X											X	X	X		6
MW-5		11:58			X											X	X	X		6
MW-6		10:50			X															3

Special Instructions/Comments:
Fe^{2+} was Field Filtered

3.2°C

Relinquished by:
Sign Dylan Cardiff
Print Dylan Cardiff
Company SECOR
Time 1600 Date 08/29/02

Received by:
Sign
Print
Company
Time Date

Relinquished by:
Sign
Print
Company
Time Date

Received by:
Sign Rowley
Print Rowley
Company STL
Time 1600 Date 08/29/02

Sample Receipt
Total no. of containers:
Chain of custody seals:
Rec'd in good condition/cold:
Conforms to record:

Client: Rowley
Client Contact: Rowley
Client Phone:

SECOR CUSTREC Rev. 2/99

Date: 8/29/02 Page 1 of 1

SEVERN TRENT SERVICES

STL San Francisco

Sample Receipt Checklist

Submission #: 2002- 08 - 0585

Checklist completed by: (initials) DSH Date: 08 / 29 /02

Courier name: ☐ STL San Francisco ☒ Client _____

Custody seals intact on shipping container/samples	Yes____ No____	Not Present ✓
Chain of custody present?	Yes ✓ No____	
Chain of custody signed when relinquished and received?	Yes ✓ No____	
Chain of custody agrees with sample labels?	Yes ✓ No____	
Samples in proper container/bottle?	Yes ✓ No____	
Sample containers intact?	Yes ✓ No____	
Sufficient sample volume for indicated test?	Yes ✓ No____	
All samples received within holding time?	Yes ✓ No____	
Container/Temp Blank temperature in compliance (4^{o} C ± 2)?	Temp: 3.2 °C Yes ✓ No____	
Water - VOA vials have zero headspace?	No VOA vials submitted____ Yes ✓ No____	

(if bubble is present, refer to approximate bubble size and itemize in comments as **S** (small ~O), **M** (medium ~ O) or **L** (large ~ O)

Water - **pH acceptable upon receipt?** ☒ Yes ☐ No

☐ **pH adjusted**– Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: _____/_____/02

Client contacted: ☐ Yes ☐ No

Summary of discussion: _____

Corrective Action (per PM/Client): _____