GROUNDWATER MONITORING AND ADDITIONAL INVESTIGATION REPORT FOURTH QUARTER 2005

More for Less Store #21
940 Petrified Forest Road
Calistoga, California

Submitted to:

Napa County Department of Environmental Management
Napa, California

On behalf of:

Convenience Acquisition Company LLC
Sacramento, California

Prepared by:

ENVIRON International Corporation
Emeryville, California

February 3, 2006
Project No. 03-10605O

ENVIRON

February 3, 2006

Mr. Bob Matthews
Convenience Acquisition Company LLC
3336 Bradshaw Road, Suite 260
Sacramento, California 95827

Re: Groundwater Monitoring and Additional Investigation Report, Fourth Quarter 2005
More For Less Store #21; Calistoga, California
ENVIRON Project No. 03-10605O

Dear Mr. Matthews:

ENVIRON International Corporation ("ENVIRON") is pleased to present this report summarizing the results of groundwater monitoring and additional investigation conducted at Convenience Acquisition Company's More for Less Store #21 located at 940 Petrified Forest Road in Calistoga, California (Figure 1). The report has been prepared in response to a request from the Napa County Department of Environmental Management (DEM) as specified in a letter dated July 26, 2005 addressed to both More for Less and The Customer Company, the previous owner of the site.

The approximately one-acre site consists of a convenience store building, three fuel islands, and associated underground storage tanks, as shown on Figure 2. Convenience Acquisition Company, the current site owner, has operated the More for Less Gas Station and Convenience Store at the site since July 1998. There are five active underground storage tanks (USTs) located in the central portion of the site, including three 12,000-gallon gasoline USTs, one 8,000-gallon diesel UST, and one 520-gallon waste oil UST. Two former USTs for storage of fuels and an associated fuel island were located in the northern corner of the site and removed in 1988 by the previous owner.

This report presents a summary of the site history, subsurface conditions, groundwater monitoring results for November 2005 and the results of the additional groundwater investigation conducted in January 2006. A summary of monitoring well construction details is presented in Table 1. The locations of groundwater monitoring wells discussed in this report are shown on Figure 3. Laboratory analytical results for groundwater samples collected during the quarterly monitoring event in November 2005 are in Appendices B and C. Laboratory

analytical results for the additional groundwater investigation conducted in January 2006 are in Appendix D

As required by California Underground Storage Tank regulations (CCR Title 23, Section 2729), a site plan, an electronic copy of this report, and data collected since September 1, 2001, including analytical data, monitoring well survey data, and groundwater level data, have been submitted in Electronic Deliverable Format (EDF) to the California State Water Resources Control Board (SWRQB) Geotracker database.

Background

Prior to purchase by Convenience Acquisition Company, the site was operated as Food and Liquor #168 by The Customer Company. Two former 12,000-gallon USTs located in the northern corner of the site were removed in February 1988 (Kleinfelder 1988). Based on the detection of fuel hydrocarbons in a water sample collected during the tank removal, the Napa County DEM requested that additional site investigation be conducted. In December 1989, three groundwater monitoring wells (MW-1, MW-2 and MW-3) were installed in the vicinity of the former tanks (Dames & Moore 1990). The three wells were sampled in December 1989, and downgradient well MW-3 was sampled again in January 1991. The groundwater samples were tested for total petroleum hydrocarbons (TPH) as gasoline and benzene, toluene, ethylbenzene, and xylenes (BTEX). None of these compounds were detected. Based on these results, the Napa County DEM recommended that the case be closed, and the San Francisco Regional Water Quality Control Board issued a case closure letter dated March 5, 1991.

In July 1998, Convenience Acquisition Company purchased the site from The Customer Company, and the store was renamed More for Less #21. The fuel dispensers and underground fuel delivery lines to the four existing USTs at the site were upgraded during February 2000. During the upgrade activities, Geocon Consultants Inc. (Geocon) of Rancho Cordova, California collected soil samples from the delivery line trench and dispenser island excavations in accordance with a request from the Napa County DEM. TPH-diesel was detected in all ten soil samples collected and the gasoline oxygenate methyl-tert-butyl ether (MTBE) was detected in nine of the ten soil samples collected. TPH-gasoline and BTEX compounds were detected in two or three of the shallow soil samples (Geocon Consultants, Inc. 2000).

Following submittal of Geocon's report dated March 27, 2000, the Napa County DEM issued a letter to Convenience Acquisition Company dated March 29, 2000 requesting that a soil and groundwater investigation be conducted to address the possible release of MTBE at the site. A workplan for a soil and groundwater investigation was prepared by Parker Environmental Services of Pittsburg, California on June 21, 2000 and submitted to the Napa County DEM. Following approval of the workplan by the Napa County DEM in a letter dated October 10, 2000, the plan was implemented in November 2001 by H_2O Geol of Livermore, California.

The investigation at the site in November 2001 included the installation and development of three new shallow monitoring wells (MW-4, MW-5, and MW-6) and collection of two soil samples from each well boring for chemical analysis. Groundwater levels were measured in all six onsite monitoring wells, and groundwater samples were collected for chemical analysis. Soil and groundwater samples were analyzed for TPH as gasoline and diesel, BTEX compounds, MTBE, and other fuel oxygenates. Additional quarterly groundwater monitoring events for all six wells were conducted in March 2002 by H_2O Geol and on a quarterly basis since August 2002 by ENVIRON. Results of these previous investigations were summarized in the *Site Investigation and Groundwater Monitoring Report* (ENVIRON 2002a) and subsequent groundwater monitoring reports (ENVIRON 2002 through 2005).

Site Subsurface Conditions

In general, the site is underlain by fill over natural alluvial soils. Where present, the fill material is described as pea gravel or engineered fill containing concrete, brick, and wire fragments to a depth ranging from approximately 9 to 10.5 feet below ground surface (bgs). Fill was not reported along the northern side of the site at locations MW-1 and MW-3, where the first soil encountered consisted of silty clay to depths of 6-7 feet bgs. The fill material is underlain by relatively fine-grained deposits consisting of clayey to gravelly silt and silty to gravelly clay extending to depths ranging from approximately 13 to 18 feet bgs. These deposits are underlain by relatively coarse-grained alluvial deposits consisting of sand and gravel. Groundwater elevations fluctuate seasonally. The direction of groundwater flow is toward the east/southeast, and the depth to water typically ranges between about 7 to 21 feet below ground surface.

Well Survey Results

All six monitoring wells at the site were surveyed on February 21, 2002 by Renner Surveying and Engineering of Burlingame, California. This survey was conducted relative to a benchmark established at the site with an assumed elevation of 390.00 feet. Wells MW-1, MW-2 and MW-3 were also surveyed following their installation in 1989 by Earl L. Gray of Pleasant Hill, California using a Napa County benchmark identified as BM No. 325 referenced to Mean Sea Level (MSL) datum. The difference between the two surveys is shown below:

Well	Feet, MSL Datum	Feet, 2002 Site Datum	Difference in feet
MW-1	391.90	388.59	3.31
MW-2	392.28	388.99	3.29
MW-3	391.71	388.46	3.25

The average difference between the site datum elevations measured in 2002 and the MSL datum elevations measured in 1989 for these three wells is 3.28 feet. These data indicate that a

correction factor of +3.3 feet could be used to convert the elevations based on the site benchmark to approximate MSL datum elevations, if necessary. However, the 2002 elevations measured relative to the site benchmark are consistent relative to one another and can be used to assess groundwater flow directions and gradient at the site.

During the sampling event on May 15, 2003, it was observed that a concrete sidewalk had been added surrounding the MW-3 well box, the top of which is flush with the new sidewalk. Upon inspection of the well by ENVIRON, the casing appeared to have been newly cut, presumably so that the well box lid could be placed flush with the sidewalk. Renner Surveying and Engineering surveyed the elevation of MW-3 on October 17, 2003. This survey was conducted relative to a benchmark established at the site with an assumed elevation of 390.00 feet. The new elevation for MW-3 was measured at 388.29 feet, site datum.

Groundwater Occurrence

Static groundwater levels were measured on November 29, 2005 using an electronic water level probe. The groundwater level measurements are presented along with historic data in Table 2. In general, measured water levels were found to be between depths of 15.1 and 16.2 feet. Water levels were on average approximately 2.5 feet higher in November 2005 than those recorded in August 2005. The groundwater levels measured in November 2005 are shown on the groundwater table contour map presented as Figure 4a. Consistent with previous quarters, the measured water levels indicate an overall groundwater flow direction toward the east/southeast. Cyrus Creek, which is located about 50 feet south of the site, is dry for much of the year, indicating that groundwater is deeper than the creek bed, and that the creek acts as a discharging stream when it flows during the rainy season. As a result, the potential for groundwater discharge into the creek is very low.

Chemical Testing Results

To characterize current groundwater conditions at the site, ENVIRON collected groundwater samples as part of a quarterly monitoring event conducted in November 2005. Groundwater samples were collected from monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6. The groundwater samples were analyzed for TPH as gasoline, TPH as diesel (reported as diesel range organics), BTEX compounds, and fuel oxygenates. The groundwater analytical results are summarized in Table 3, and MTBE concentrations in groundwater are shown on Figure 5. Field parameter measurements are presented in Appendix A, and the analytical laboratory reports are attached in Appendix B.

In November 2005, MTBE was detected in only one well, MW-6, at a concentration of 1.5 μg/l. Toluene was detected in MW-5 at a concentration of 0.65 μg/l, just above the reporting limit of 0.50 μg/l. BTEX compounds were not detected in samples from any of the other wells at the site. Diesel range organics were reported at a concentration of 110 μg/l in the duplicate groundwater sample from MW-2; however, since the primary sample did not contain

detectable diesel range organics, this result is considered suspect. Diesel range organics were also detected at a concentration of 97 μg/l in the sample from MW-6. In a telephone conversation with ENVIRON, the laboratory staff noted that the sample chromatogram peaks from these detections did not match the diesel standard. No other fuel constituents were detected in any of the other groundwater samples collected in November 2005.

As part of the quality control program, an equipment rinseate blank sample was collected and analyzed to evaluate potential bias introduced to the sample during decontamination procedures, sample collection, and analysis. The equipment blank sample was analyzed for the same constituents as the groundwater samples. None of the constituents were detected in the equipment blank sample.

Comparison with Historical Results

Groundwater analytical results have been compared to available federal and California criteria for the chemicals detected. Available water quality criteria include health based Maximum Contaminant Levels (MCLs) for drinking water, and Secondary MCLs based on aesthetic factors such as color, taste, and odor. Although groundwater at the site is not used for drinking water, drinking water criteria are identified as water quality objectives for groundwater by the California Regional Water Quality Control Board.

Groundwater monitoring results since November 2001 are shown in Table 3, and MTBE results are presented on Figure 5. The historical data indicate that MTBE concentrations at the site were highly variable during the period from November 2001 through November 2002. The highest concentrations were detected in the two November rounds of sampling (up to 26,400 μg/l), and the lowest concentrations were detected in March 2002 ($<$0.50 to 2.7 μg/l).

As of January 9, 2003, the gasoline delivered to facility contains ethanol rather than MTBE. Since then, MTBE has not been detected in wells MW-1, MW-2, and MW-3 located in the northern portion of the site. Wells MW-4, MW-5, and MW-6 are located in the southern portion of the site. In wells MW-4 and MW-5, MTBE results have been either not detected or below MCLs except in the November 2003 round of sampling. The same pattern is observed in well MW-6, with one exception (in May 2004, MTBE was detected at 15.9 μg/l). In November 2003, MTBE was detected above MCLs in wells MW-4, MW-5, and MW-6, but the concentrations were one to two orders of magnitude lower than in November 2001 and November 2002. Other fuel constituents, including TPH-gasoline, benzene, TBA, and TAME, were also detected in one or more wells during November 2003. By November 2004, MTBE and other fuel constituent detections were below MCLs. Ethanol has never been detected in any of the site wells.

The pattern of higher MTBE and other fuel constituent detections in the November rounds of sampling from 2001 to 2003 appears to be related to rising water levels after the start of the rainy season. During the dry season, the groundwater table is about 20 feet deep and occurs in

an alluvial sand and gravel layer. This coarse-grained soil unit is overlain by fine-grained silt and clay. Following rain events in the fall, the water table rises high enough to contact the base of the fine-grained soil unit at a depth of about 14 to 15 feet bgs in the southern portion of the site. The detections of MTBE and other fuel constituents in the previous November rounds of sampling suggest that there may have been residual fuel constituents in soil pore space at the base of the fine-grained layer. Based on the sixteen rounds of sampling since November 2001, the residual MTBE concentrations appear to be decreasing over time and have been below the primary MCL for MTBE of 13 μg/l since August 2004. Although MTBE was reported below the primary MCL in three wells in November 2004, MTBE was not detected at the site during the subsequent February 2005, May 2005, and August 2005 rounds of sampling. In November 2005, MTBE was detected in only one well, MW-6, at a concentration of 1.5 μg/l, which is below both the primary and secondary MCLs.

Offsite Irrigation Well

At the request of the Napa County DEM, a groundwater sample was collected from the offsite irrigation well located on the Rancho de Calistoga property across Highway 128 southeast of the site. The approximate well location is shown on Figure 3. According to Mr. Jerry Sturr, the former manager of the property, the well is approximately 276 feet deep and is used solely for landscape irrigation.

A groundwater sample was collected from a tap on the well outlet line on November 29, 2005. The sample was analyzed for TPH as gasoline, diesel range organics, BTEX compounds, and fuel oxygenates. None of the analyzed constituents were detected in the sample. The analytical laboratory report is presented in Appendix C.

The offsite irrigation well was sampled previously in conjunction with eleven other monitoring events (August 2002 and each quarterly monitoring event since August 2003) and tested for the same fuel constituents. Fuel constituents were not detected in samples collected in August 2002 and August 2003. In November 2003, MTBE was detected at a concentration of 6 μg/l; no other compounds were detected. The primary MCL for MTBE is 13 μg/l and the secondary MCL (based on taste and odor factors) is 5 μg/l. To confirm this result, the well was resampled in December 2003. MTBE was again detected, but only at 1.1 μg/l, well below both the primary and secondary MCLs.

Fuel constituents were not detected in samples collected in February and May 2004. In August 2004, TPH-gasoline was reported at a concentration of 74 μg/l, and total xylenes were reported at 1.3 μg/l. In order to confirm the August 2004 results, the well was sampled again on September 19, 2004 and analyzed for TPH-gasoline and BTEX. An atmospheric blank sample was also collected and analyzed for the same parameters. TPH-gasoline and BTEX were not detected in the sample from the well or in the atmospheric blank sample. Therefore, the reported detections in the August sample are considered suspect. Fuel constituents have

not been detected in any of the subsequent samples collected in November 2004, February 2005, May 2005, August 2005, and November 2005.

Additional Groundwater Investigation

In response to a request from the Napa County DEM in a letter received in January 2005, ENVIRON conducted additional investigation to evaluate whether fuel constituents and fuel oxygenates including MTBE are present in groundwater downgradient of onsite monitoring wells and upgradient of the irrigation well at the Rancho de Calistoga property. A work plan for this investigation was submitted on March 11, 2005 (ENVIRON 2005c).

Prior to initiating the field work, ENVIRON obtained a soil boring permit from the Napa County DEM and an encroachment permit from the California Department of Transportation, prepared a task-specific health and safety plan, conducted utility clearing with its subcontractor, Subtronic, Inc., and contacted Underground Services Alert.

On January 6, 2006, ENVIRON and Vironex Environmental Services advanced soil borings and collected one-time groundwater samples from two temporary wells, TW-1 and TW-2, located adjacent to the shoulder for the southbound lanes of Highway 128. The wells were located such that they would be downgradient of two onsite monitoring wells, MW-3 and MW-4, and upgradient of the Rancho de Calistoga irrigation well (see Figure 3). Prior to drilling, ENVIRON measured the depth to groundwater in the onsite monitoring wells to determine the approximate depth to groundwater at the drilling locations. The drilling depth was chosen so that the sampling screen could be placed at a depth to sample the first encountered groundwater. Borings were advanced using a direct-push, track-mounted Geoprobe rig. When the drilling rig reached the target sampling depth (22 feet bgs for TW-1 and 25 feet bgs for TW-2), the sampler was opened to expose five feet of screen and allowed to reach a static water level. The horizontal and vertical locations of the ground surface at each boring location were surveyed by Renner Surveying and Engineering relative to the benchmark established at the site with an assumed elevation of 390.00 feet.

The groundwater level measurements for TW-1 and TW-2 are presented in Table 2 along with historic data from the onsite wells. Measured depths to water were 8.80 and 10.84 feet bgs for TW-1 and TW-2, respectively. The groundwater elevations of both the temporary wells and the onsite monitoring wells measured in January 2006 are shown on the groundwater table contour map presented on Figure 4b. Consistent with previous quarters, the measured water levels indicate an overall groundwater flow direction toward the east/southeast. Cyrus Creek, which is dry for much of the year, was flowing in January due to recent heavy rains in the area.

Groundwater samples for laboratory analysis were collected using dedicated disposable bailers in glass volatile organic analyzer (VOA) bottles and one-liter amber glass bottles from each boring. A duplicate sample was collected from TW-2. Field pH, temperature, and

conductivity measurements were collected from the groundwater in each boring using a hand-held meter. After drilling and sampling were completed, the borings were backfilled using neat cement grout.

Consistent with prior groundwater monitoring events, the groundwater samples were analyzed at STL-San Francisco of Pleasanton, California for TPH as gasoline, diesel range organics, BTEX compounds, and fuel oxygenates. The groundwater analytical results are summarized in Table 3, and MTBE concentrations in groundwater are shown on Figure 5. Analytical laboratory reports are attached in Appendix D.

MTBE was not detected in either of the temporary wells. Toluene was detected in TW-1 and the primary sample from TW-2 at low concentrations of 1.2 and 0.68 μg/l, respectively. These concentrations are well below the primary MCL of 150 μg/l for toluene, and toluene was not detected in the duplicate sample from TW-2. Diesel range organics were detected just above the reporting limit of 50 μg/l in TW-1 and TW-2 at concentrations of 56 and 54 μg/l, respectively. However, the chromatogram peaks from these samples did not match the diesel standard, and diesel range organics were not detected in the duplicate sample from TW-2. No other fuel constituents were detected in the primary groundwater samples collected from TW-1 and TW-2 or in the duplicate groundwater sample from TW-2.

Field parameter readings for the wells include pH measurements of 5.91 for TW-1 and 5.93 for TW-2, temperatures of 15.7 ^{o}C for TW-1 and 15.5 ^{o}C for TW-2, and conductivity measurements of 201 μS for TW-1 and 190 μS for TW-2. As part of the quality control program, an equipment rinseate blank sample was collected and analyzed to evaluate potential bias introduced to the sample during decontamination procedures, sample collection, and analysis. The equipment blank sample was analyzed for the same constituents as the groundwater samples. Gasoline range organics were detected slightly above the reporting limit of 50 μg/l at a concentration of 70 μg/l. Gasoline range organics were not detected in samples from TW-1, TW-2, or in the duplicate groundwater sample from TW-2. No other constituents were detected in the equipment blank sample.

Summary

Quarterly groundwater monitoring for MTBE and other fuel constituents has been conducted at the site from November 2001 through November 2005. MTBE has not been detected at the site above the primary MCL (13 μg/l) for the past six quarters of monitoring, and it has not been detected above the lower secondary MCL (5 μg/l) for the past four quarters of monitoring. Except for sporadic trace level detections, other fuel constituents have not been detected for the past eight quarters of monitoring.

Any potential onsite sources of MTBE were eliminated in January 2003. Since that time, the gasoline delivered to the facility has been formulated with ethanol rather than MTBE. In accordance with its permit, the facility fuel system integrity was tested in 2002, 2003, 2004,

and 2005, and all fuel system components passed. The most recent testing included pressure decay testing of the gasoline USTs, air to liquid ratio performance of the dispenser nozzles, and testing of the product lines conducted by Tank-Tek on May 5, 2005, with a follow up test on July 11, 2005 after a faulty sensor was replaced. Ethanol has never been detected in any of the site wells.

Except for trace levels of toluene and diesel range organics, MTBE and other fuel constituents were not detected in the two temporary wells installed downgradient of the site in January 2006. The very low reported concentrations of diesel range organics had chromatogram peaks that did not match the diesel standard. MTBE and other fuel constituents have not been detected in the offsite irrigation well during the past five quarters of monitoring.

Based on these results, no additional groundwater monitoring is warranted, and ENVIRON recommends that the site be closed. Please contact us at (510) 655-7400 if you have any questions about this report.

Very truly yours,

John Pekala, P.G. No. 7248
Manager

Jessica E. Donovan, P.G. No. 3791
Principal

cc: Mr. John Johnson, The Customer Company
Mr. Gary Lowe, H2O Geol

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TABLES

TABLE 1. SUMMARY OF MONITORING WELL CONSTRUCTION DATA
Convenience Acquisition Company, More For Less Store #21
940 Petrified Forest Road; Calistoga, California

Well Number	Date Installed	Measuring Point Elevation (ft msl)	Depth of Well Elevation (ft sd)	Depth of Well (ft bgs)	Screened Elevation (ft sd)	Screened Interval (ft bgs)	Well Casing			Filter Pack Elevation (ft sd)	Filter Pack Interval (ft bgs)
							Diameter (inches)	Casing Material	Screen Slot Size		
MW-1	12/18/1989	388.59	368.6	20.0	383.6 to 368.6	5 to 20	4	Sch. 40 PVC	0.02"	385.6 to 368.6	3 to 20.0
MW-2	12/18/1989	388.99	364.0	25.0	379.0 to 364.0	10 to 25	4	Sch. 40 PVC	0.02"	381.0 to 364.0	8 to 25.0
MW-3	12/18/1989	388.29	368.5	20.0	383.5 to 368.5	5 to 20	4	Sch. 40 PVC	0.02"	385.5 to 368.5	3 to 20.0
MW-4	11/13/2001	388.54	364.1	24.4	374.5 to 364.5	14 to 24	2	Sch. 40 PVC	0.02"	375.5 to 364.1	13 to 24.4
MW-5	11/13/2001	388.10	364.1	24.0	374.1 to 364.1	14 to 24	2	Sch. 40 PVC	0.02"	375.1 to 364.1	13 to 24.0
MW-6	11/13/2001	387.96	363.7	24.3	374.0 to 364.0	14 to 24	2	Sch. 40 PVC	0.02"	375.0 to 363.7	13 to 24.3
TW-1 [(a)]	1/6/2006	388.34	366.3	22.0	371.3 to 366.3	17 to 22	0.75	Sch. 40 PVC	0.02"	--	--
TW-2 [(a)]	1/6/2006	389.04	364.0	25.0	369.0 to 364.0	20 to 25	0.75	Sch. 40 PVC	0.02"	--	--

NOTES:

ft bgs = feet below ground surface

ft sd = feet, 2002 site datum (see Table 2 for explanation)

PVC = polyvinyl chloride

(a) TW-1 and TW-2 are temporary wells for the purpose of one-time groundwater sampling. The temporary wells were constructed without a filter pack.

Site Datum: Well elevations are based on surveys by Renner Surveying & Engineering conducted in February 2002, November 2003, and January 2006. These surveys were conducted relative to a temporary benchmark point at the site with an assumed elevation of 390.00 feet. Based on a 1989 survey of wells MW-1 through MW-3 by Earl L. Gray of Pleasant Hill, California using Napa County benchmark No. 325, a correction factor of +3.3 feet should be used to convert the elevations based on the 2002 site benchmark to elevation based on Mean Sea Level datum.

TABLE 2. SUMMARY OF GROUNDWATER ELEVATIONS
Convenience Acquisition Company, More for Less Store #21
940 Petrified Forest Road; Calistoga, California

Well ID	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		TW-1		TW-2	
TOC	388.59		388.99		388.29 [(a)]		388.54		388.10		387.96		388.34 [(b)]		389.04 [(b)]	
Date	Depth (ft)	Elevation (ft sd)	Depth (ft)	Elevation (ft sd)	Depth (ft)	Elevation (ft sd)	Depth (ft)	Elevation (ft sd)	Depth (ft)	Elevation (ft sd)	Depth (ft)	Elevation (ft sd)	Depth (ft bgs)	Elevation (ft sd)	Depth (ft bgs)	Elevation (ft sd)
12/29/1999	13.33	375.26	13.54	375.45	13.38	375.08	--	--	--	--	--	--	--	--	--	--
11/19/2001	11.80	376.79	11.90	377.09	11.95	376.51	11.77	376.77	11.16	376.94	10.90	377.06	--	--	--	--
3/28/2002	9.35	379.24	8.75	380.24	9.25	379.21	8.75	379.79	8.15	379.95	7.80	380.16	--	--	--	--
8/15/2002	Dry	--	20.94	368.05	Dry	--	20.55	367.99	20.12	367.98	19.94	368.02	--	--	--	--
11/12/2002	11.78	376.81	11.79	377.20	11.92	376.54	11.68	376.86	11.11	376.99	10.79	377.17	--	--	--	--
2/24/2003	9.06	379.53	8.11	380.88	8.81	379.65	8.25	380.29	7.63	380.47	7.18	380.78	--	--	--	--
5/15/2003	9.13	379.46	8.38	380.61	8.88	379.41	8.54	380.00	7.93	380.17	7.44	380.52	--	--	--	--
8/20/2003	Dry	--	20.67	368.32	Dry	--	20.27	368.27	19.84	368.26	19.65	368.31	--	--	--	--
11/21/2003	15.56	373.03	15.82	373.17	15.46	372.83	15.60	372.94	15.05	373.05	14.85	373.11	--	--	--	--
2/24/2004	8.63	379.96	7.75	381.24	8.32	379.97	8.09	380.45	7.48	380.62	6.91	381.05	--	--	--	--
5/27/2004	13.65	374.94	13.89	375.10	13.67	374.62	13.74	374.80	13.23	374.87	12.92	375.04	--	--	--	--
8/24/2004	Dry	--	21.15	367.84	Dry	--	20.8	367.74	20.38	367.72	20.17	367.79	--	--	--	--
11/19/2004	14.96	373.63	15.18	373.81	14.88	373.41	14.97	373.57	14.50	373.60	14.20	373.76	--	--	--	--
2/25/2005	8.84	379.75	8.05	380.94	8.55	379.74	8.29	380.25	7.70	380.40	7.12	380.84	--	--	--	--
5/26/2005	9.19	379.40	8.48	380.51	9.04	379.25	8.72	379.82	8.08	380.02	7.55	380.41	--	--	--	--
8/25/2005	18.37	370.22	18.71	370.28	18.18	370.11	18.4	370.14	17.96	370.14	17.75	370.21	--	--	--	--
11/29/2005	15.90	372.69	16.15	372.84	15.74	372.55	15.88	372.66	15.42	372.68	15.15	372.81	--	--	--	--
1/6/2006	8.08	380.51	7.46	381.53	8.09	380.20	8.00	380.54	7.41	380.69	6.71	381.25	8.80	379.54	10.84	378.20
Change*		+7.82		+8.69		+7.65		+7.88		+8.01		+8.44		--		--

NOTES:

TOC indicates top of casing elevation in feet, 2002 site datum.

Depth to groundwater is in feet below top of casing for permanent wells and feet below ground surface (bgs) for temporary wells (TW-1 and TW-2).

Groundwater elevation is in feet above 2002 site datum (ft sd).

* Difference between two most recent elevations.

(a) The well casing for MW-3 was cut between the February and May 2003 sampling events. Prior to this, groundwater elevations were calculated using the prior surveyed TOC elevation of 388.46 feet, 2002 site datum. Beginning in May 2003, the new surveyed elevation of 388.29 feet, 2002 site datum was used.

(b) Elevation of temporary wells is the ground surface elevaton

Site Datum: See Table 1 for explanation.

TABLE 3. SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - Fuel Constituents
Convenience Acquisition Company, More For Less Store #21
940 Petrified Forest Road; Calistoga, California

Well Name	Screened Interval (ft bgs)	Sample Name	Date	MTBE (µg/L)	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)
Wells Installed near Former Tank Location (December 1989)																	
MW-1	5 - 20	14/168/MW-1	11/19/01	**79**	<50	<50	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	na
		21/168/MW-1	03/28/02	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	na
		Dry	08/15/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		011112-21-MW-1-P	11/12/02	**89**	<50	<50	0.8	<0.5	<0.5	<1.0	<50	<1	<1	3	<1	<1	<100
		030224-21-MW-1-P	02/24/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030515-21-MW-1-P	05/15/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		Dry	08/21/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		031121-21-MW-1-P	11/21/03	<0.5	142	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1.0	<1.0	<1	<0.5	<100
		040224-21-MW-1-P	02/24/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<100
		040527-21-MW-1-P	05/27/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		Dry	08/24/04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		041119-21-MW-1-P	11/19/04	<0.5	<50	<50	<0.5	0.6	0.6	2.2	<10	<0.5	<1	<1	<1	<0.5	<50
		050225-21-MW-1-P	02/25/05	<0.5	69	<50	<0.5	<0.5	<0.5	3	<10	<0.5	<1	<1	<1	<0.5	<50
		050526-21-MW-1-P	05/26/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050825-21-MW-1-P	08/25/05	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<25
		051129-21-MW-1-P	11/29/05	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100
MW-2	10 - 25	14/168/MW-2	11/19/01	**24**	<50	<50	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	na
		21/168/MW-2	03/28/02	2.7	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	na
		020815-21-MW-2-P	08/15/02	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		011112-21-MW-2-P	11/12/02	**421**	<50	<50	**5.7**	<0.5	<0.5	<1.0	129	<1	<1	17	<1	<1	<100
		030224-21-MW-2-P	02/24/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030515-21-MW-2-P	05/15/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030821-21-MW-2-P	08/21/03	<1	55	<50	<0.5	0.7	<0.5	3 U	<50	<1	<1	<1	<1	<1	<100
		031121-21-MW-2-P	11/21/03	<0.5	92	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1.0	<1.0	<1	<0.5	<100
		040224-21-MW-2-P	02/24/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	0.5	<1	<1	<1	<0.5	<100
		040527-21-MW-2-P	05/27/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		040824-21-MW-2-P	08/24/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		041119-21-MW-2-P	11/19/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050225-21-MW-2-P	02/25/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050526-21-MW-2-P	05/26/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050825-21-MW-2-P	08/25/05	<0.50	<50	96 *	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<25
		051129-21-MW-2-P	11/29/05	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100
		051129-21-MW-2-D	11/29/05-Dup	<0.50	<50	110 *	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100

TABLE 3. SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - Fuel Constituents
Convenience Acquisition Company, More For Less Store #21
940 Petrified Forest Road; Calistoga, California

Well Name	Screened Interval (ft bgs)	Sample Name	Date	MTBE (µg/L)	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)
MW-3	5 - 20	14/168/MW-3	11/19/01	**22**	<50	<50	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	na
		21/168/MW-3	03/28/02	1.0	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	na
		Dry	08/15/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		011112-21-MW-3-P	11/12/02	**14**	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030224-21-MW-3-P	02/24/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030515-21-MW-3-P	05/15/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		Dry	08/21/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		031121-21-MW-3-P	11/21/03	<0.5	72	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1.0	<1.0	<1	<0.5	<100
		040224-21-MW-3-P	02/24/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<100
		040527-21-MW-3-P	05/27/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		Dry	08/24/04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		041119-21-MW-3-P	11/19/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050225-21-MW-3-P	02/25/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050526-21-MW-3-P	05/26/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050825-21-MW-3-P	08/25/05	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<25
		051129-21-MW-3-P	11/29/05	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100

TABLE 3. SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - Fuel Constituents
Convenience Acquisition Company, More For Less Store #21
940 Petrified Forest Road; Calistoga, California

Well Name	Screened Interval (ft bgs)	Sample Name	Date	MTBE (µg/L)	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)
Wells Installed near Current Tank Location (October 2001)																	
MW-4	14 - 24	14/168/MW-4	11/19/01	**8,900**	<5,000	<50	<100	<100	<100	<100	<500	<100	<100	<100	<100	<100	na
		21/168/MW-4	03/28/02	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	na
		020815-21-MW-4-P	08/15/02	**196**	82	<50	**2.1**	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		021112-21-MW-4-P	11/12/02	**22,690**	934	<50	**175**	<0.5	<0.5	1.6	3,140	<1	<1	870	<1	<1	<100
		021112-21-MW-4-D	11/12/02-Dup	**26,400**	967	<50	**178**	<0.5	<0.5	1.7	3,010	<1	<1	859	<1	<1	<100
		030224-21-MW-4-P	02/24/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030515-21-MW-4-P	05/15/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030821-21-MW-4-P	08/21/03	<1	62	<50	0.6	<0.5	<0.5	1.5 U	<50	<1	<1	<1	<1	<1	<100
		031121-21-MW-4-P	11/21/03	**1,970**	181	<50	**33.9**	<0.5	<0.5	<1.0	325	<0.5	<1.0	11	<1	<0.5	<100
		040224-21-MW-4-P	02/24/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<100
		040224-21-MW-4-D	02/24/04-Dup	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	0.9	<1	<1	<1	<0.5	<100
		040527-21-MW-4-P	05/27/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		040527-21-MW-4-D	5/27/04-Dup	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		040824-21-MW-4-P	08/24/04	1.6	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		041119-21-MW-4-P	11/19/04	10.7	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		041119-21-MW-4-D	11/19/04-Dup	11.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050225-21-MW-4-P	02/25/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050225-21-MW-4-D	2/25/05-Dup	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050526-21-MW-4-P	5/26/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050526-21-MW-4-D	5/26/05-Dup	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050825-21-MW-4-P	08/25/05	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<25
		051129-21-MW-4-P	11/29/05	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100

TABLE 3. SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - Fuel Constituents
Convenience Acquisition Company, More For Less Store #21
940 Petrified Forest Road; Calistoga, California

Well Name	Screened Interval (ft bgs)	Sample Name	Date	MTBE (µg/L)	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)
MW-5	14 - 24	14/168/MW-5	11/19/01	**300**	<250	<50	**7.5**	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	na
		21/168/MW-5	03/28/02	0.51	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	na
		020815-21-MW-5-P	08/15/02	<1	80	<50	**2.3**	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		020815-21-MW-5-D	8/15/02-Dup	<1	114	<50	**2.4**	1.9	1.2	6.4	<50	<1	<1	<1	<1	<1	<100
		021112-21-MW-5-P	11/12/02	**243**	62	<50	**14**	<0.5	<0.5	<1.0	74	<1	<1	7	<1	<1	<100
		030224-21-MW-5-P	02/24/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030515-21-MW-5-P	05/15/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030821-21-MW-5-P	08/21/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		031121-21-MW-5-P	11/21/03	**72**	100	<50	**9.8**	<0.5	<0.5	<1.0	<10	<0.5	<1.0	<1.0	<1	<0.5	<100
		040224-21-MW-5-P	02/24/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<100
		040527-21-MW-5-P	05/27/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		040824-21-MW-5-P	08/24/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		041119-21-MW-5-P	11/19/04	2	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050225-21-MW-5-P	02/25/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050526-21-MW-5-P	05/26/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050825-21-MW-5-P	08/25/05	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<25
		050825-21-MW-5-D	8/25/05-Dup	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<25
		051129-21-MW-5-P	11/29/05	<0.50	<50	<50	<0.50	0.65	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100

TABLE 3. SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - Fuel Constituents
Convenience Acquisition Company, More For Less Store #21
940 Petrified Forest Road; Calistoga, California

Well Name	Screened Interval (ft bgs)	Sample Name	Date	MTBE (µg/L)	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)
MW-6	14 - 24	14/168/MW-6	11/19/01	**1,900**	<2,500	54 *	<50	<50	<50	<50	<250	<50	<50	<50	<50	<50	na
		21/168/MW-6	03/28/02	0.67	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	na
		020815-21-MW-6-P	08/15/02	**233**	143	<50	**5.4**	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		021112-21-MW-6-P	11/12/02	**13,600**	219	<50	**52.4**	<0.5	<0.5	<1.0	5,840	<1	<1	208	<1	<1	<100
		030224-21-MW-6-P	02/24/03	4	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030224-21-MW-6-D	2/24/03-Dup	3	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030515-21-MW-6-P	05/15/03	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030515-21-MW-6-D	5/15/03-Dup	<1	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030821-21-MW-6-P	08/21/03	4	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		030821-21-MW-6-D	8/21/03-Dup	4	<50	<50	<0.5	<0.5	<0.5	<1.0	<50	<1	<1	<1	<1	<1	<100
		031121-21-MW-6-P	11/21/03	**250**	73	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1.0	2.9	<1	<0.5	<100
		031121-21-MW-6-D	11/21/03-Dup	**268**	78	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1.0	3.2	<1	<0.5	<100
		040224-21-MW-6-P	02/24/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<100
		040527-21-MW-6-P	05/27/04	**15.9**	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	0.6	<1	<1	<1	<0.5	<50
		040824-21-MW-6-P	08/24/04	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		040824-21-MW-6-D	8/24/04-Dup	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		041119-21-MW-6-P	11/19/04	1.3	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050225-21-MW-6-P	02/25/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050526-21-MW-6-P	05/26/05	<0.5	<50	<50	<0.5	<0.5	<0.5	<1.0	<10	<0.5	<1	<1	<1	<0.5	<50
		050825-21-MW-6-P	08/25/05	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<25
		051129-21-MW-6-P	11/29/05	1.5	<50	97 *	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100

TABLE 3. SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - Fuel Constituents
Convenience Acquisition Company, More For Less Store #21
940 Petrified Forest Road; Calistoga, California

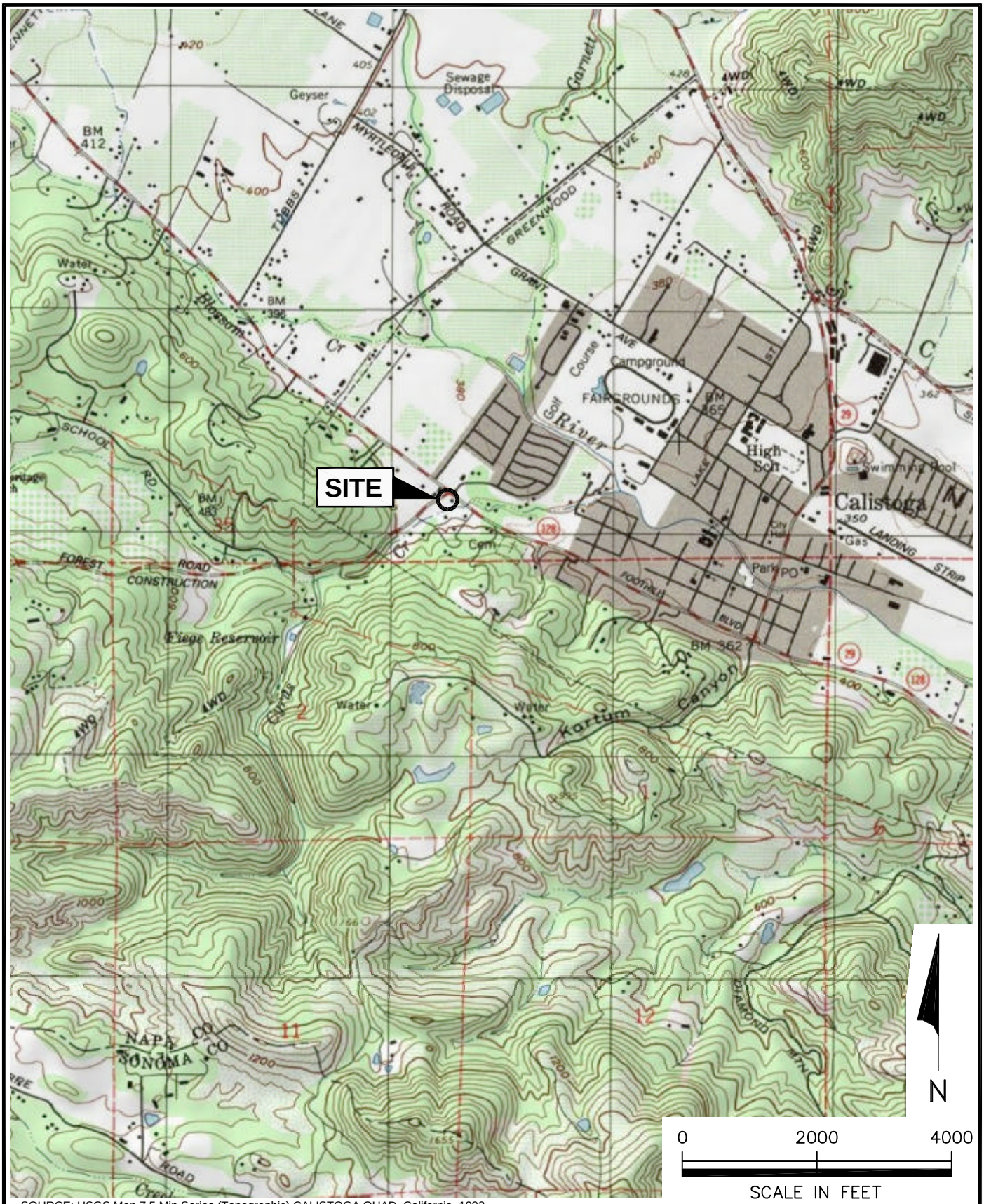
Well Name	Screened Interval (ft bgs)	Sample Name	Date	MTBE (µg/L)	TPH-Gasoline (µg/L)	TPH-Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)
Offsite One-Time Sampling Locations																	
TW-1	17-22	060106-21-TW-1-P	01/06/06	<0.50	<50	56 *	<0.50	1.2	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100
TW-2	20-25	060106-21-TW-2-P	01/06/06	<0.50	<50	54 *	<0.50	0.68	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100
		060106-21-TW-2-D	1/6/06-Dup	<0.50	<50	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.50	<100

NOTES:

MTBE = Methyl-tert-butyl ether
TPH = Total petroleum hydrocarbons, analyzed using EPA Method 8015M.
Total Xylenes = o-xylene, m-xylene and p-xylene
(ft bgs) = feet below ground surface
(µg/L) = micrograms per liter, or parts per billion
<xx = Analyte not detected above the indicated value
na = not analyzed
TBA = Tert-butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl-tert-butyl ether
TAME = Tert-amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide

* = For this result, the laboratory indicated that the hydrocarbon reported did not match the pattern of their diesel standard.
"--" indicates data not available because wells MW-1 and MW-3 were dry on August 15, 2002, August 21, 2003 and August 24, 2004 and therefore could not be sampled.
"U" indicates data are qualified due to a detection in an associated equipment blank (1.5U means <1.5 µg/L).
Groundwater samples were collected on 11/19/01 and 3/28/02 by H2O Geol of Livermore, California. Chemical testing was conducted by STL Chromalab of Pleasanton, California.
Groundwater samples from 8/15/02 through 8/25/05 were collected by ENVIRON, and chemical testing was conducted by North State Environmental Laboratory of South San Francisco, California.
Groundwater samples were collected on 11/29/05 and 1/6/06 by ENVIRON. Chemical testing was conducted by STL-San Francisco of Pleasanton, California. Beginning with the August 2005 sampling event, TPH-diesel results are reported as "diesel range organics" by the laboratory.
Results above California and federal Maximum Contaminant Levels (MCLs) for drinking water are shown in bold.

FIGURES



SOURCE: USGS Map 7.5 Min Series (Topographic) CALISTOGA QUAD, California, 1993.

03106050-VICMAP.DWG

ENVIRON

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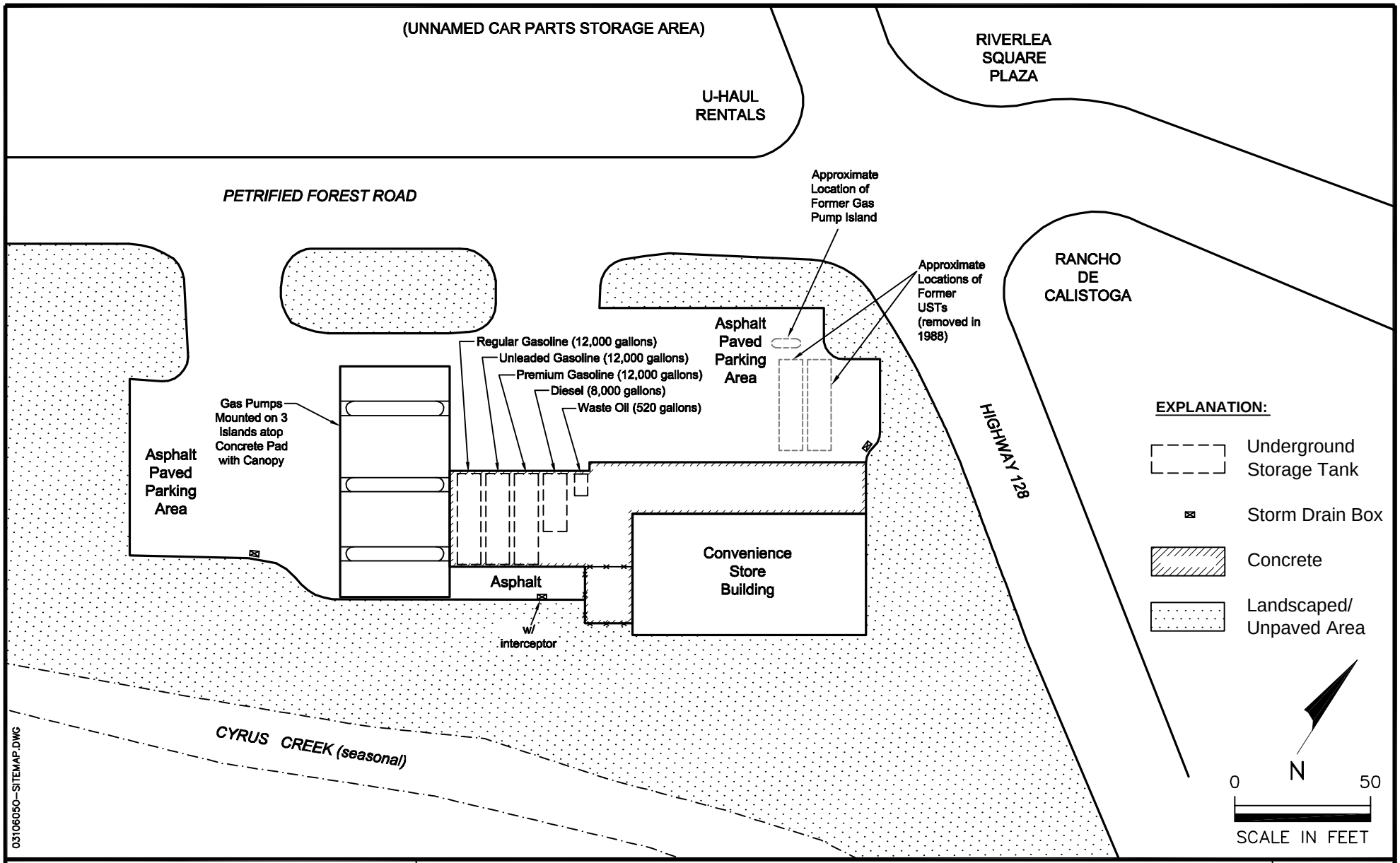
Site Location Map

940 Petrified Forest Road; Calistoga, California

Figure

1

Drafter: RS | Date: 1/30/06 | Contract Number: 03-106050 | Approved: | Revised:



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Site Map

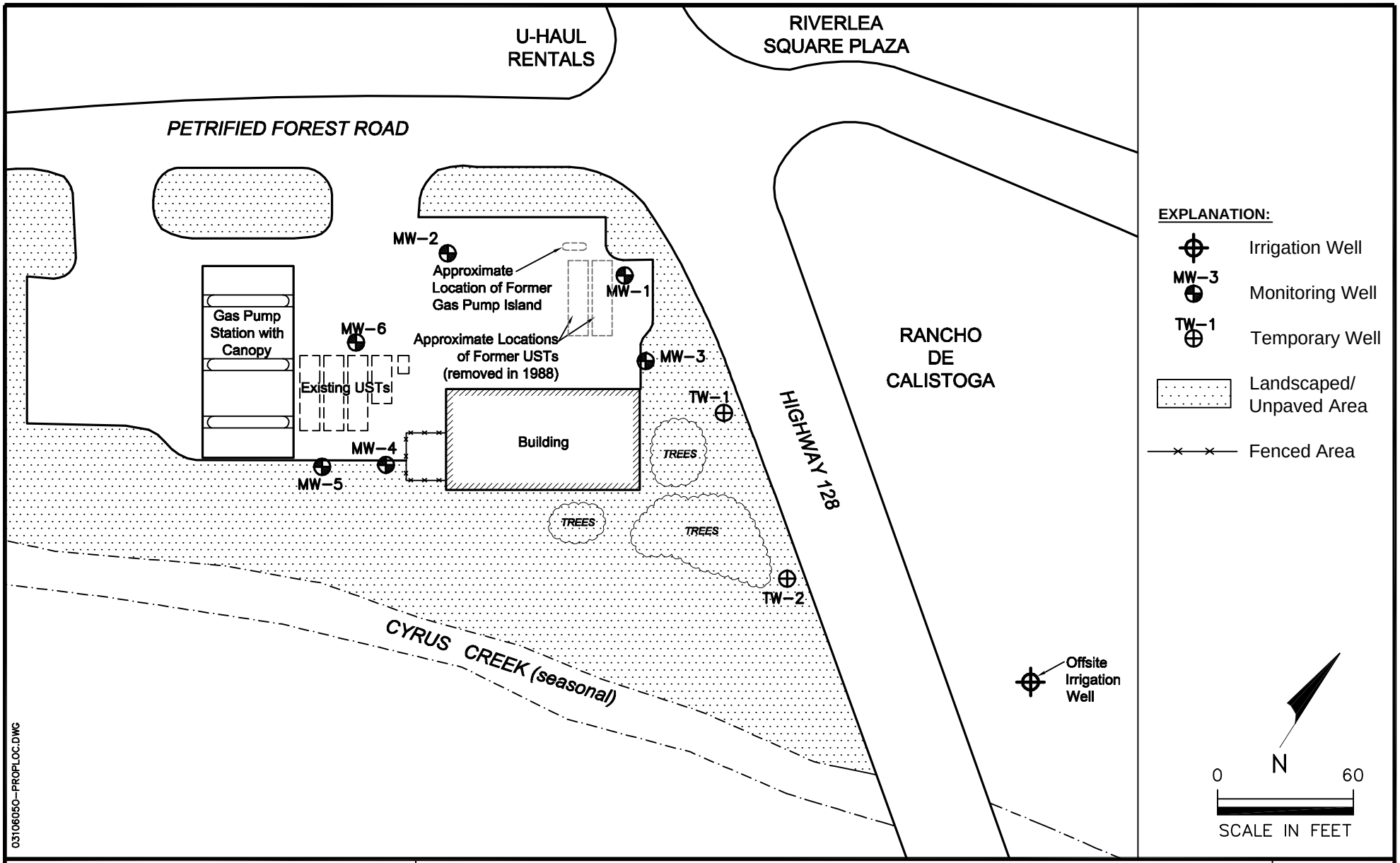
Convenience Acquisition Company, More for Less Store #21

940 Petrified Forest Road; Calistoga, California

Figure

2

Drafter: RS | Date: 1/30/06 | Contract Number: 03–106050 | Approved: | Revised:



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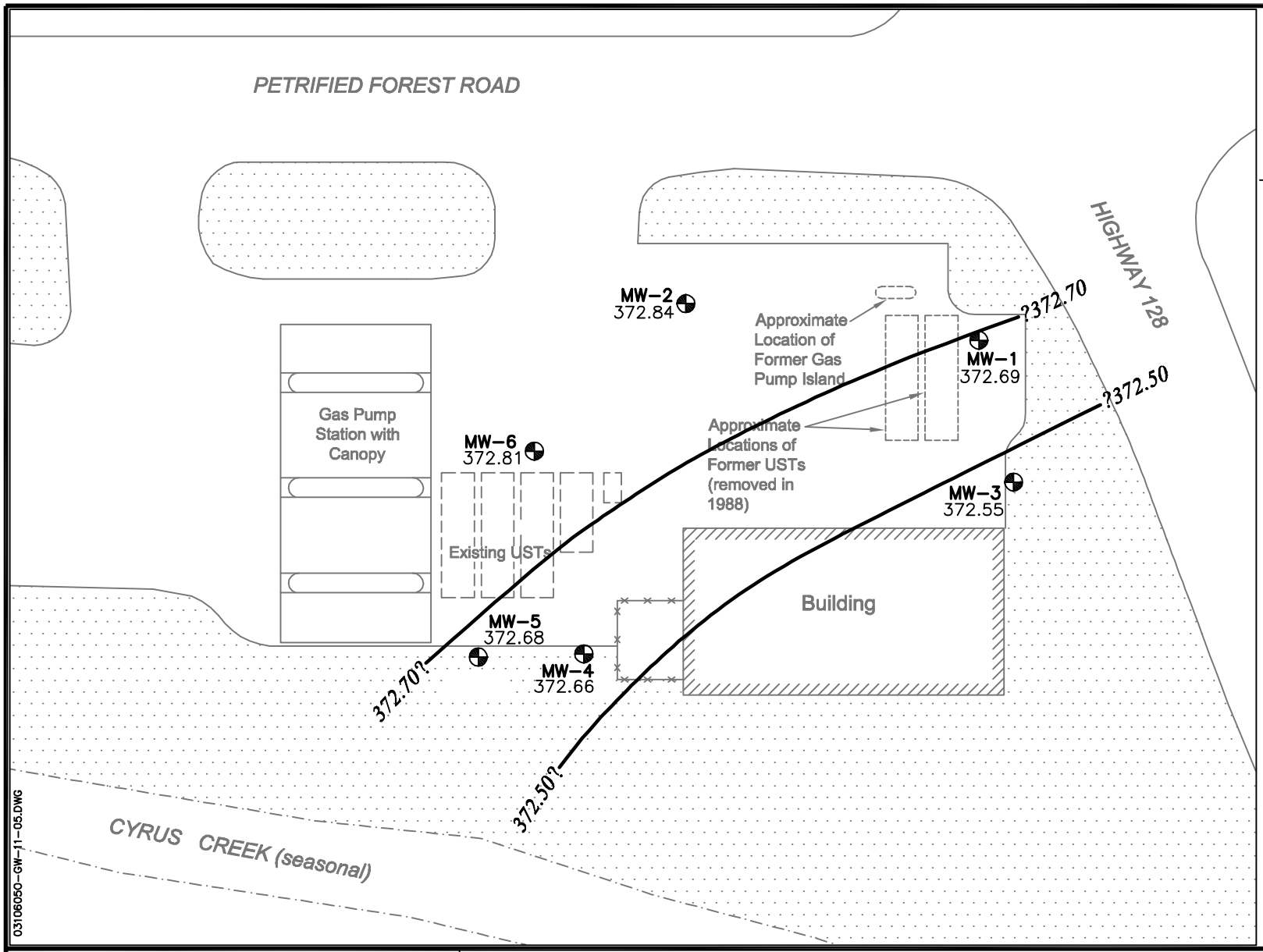
Well Location Map

Convenience Acquisition Company, More for Less Store #21
940 Petrified Forest Road; Calistoga, California

Figure **3**

Drafter: RS | Date: 1/30/06 | Contract Number: 03-106050 | Approved: | Revised:



EXPLANATION:

Landscaped/ Unpaved Area

Fenced Area

Monitoring Well

367.84 Groundwater elevation in feet, referenced to a site datum.

NOTE:

Elevation 390.0 feet, site datum is approximately elevation 393.3 feet, Mean Sea Level datum.

N

0 40

SCALE IN FEET

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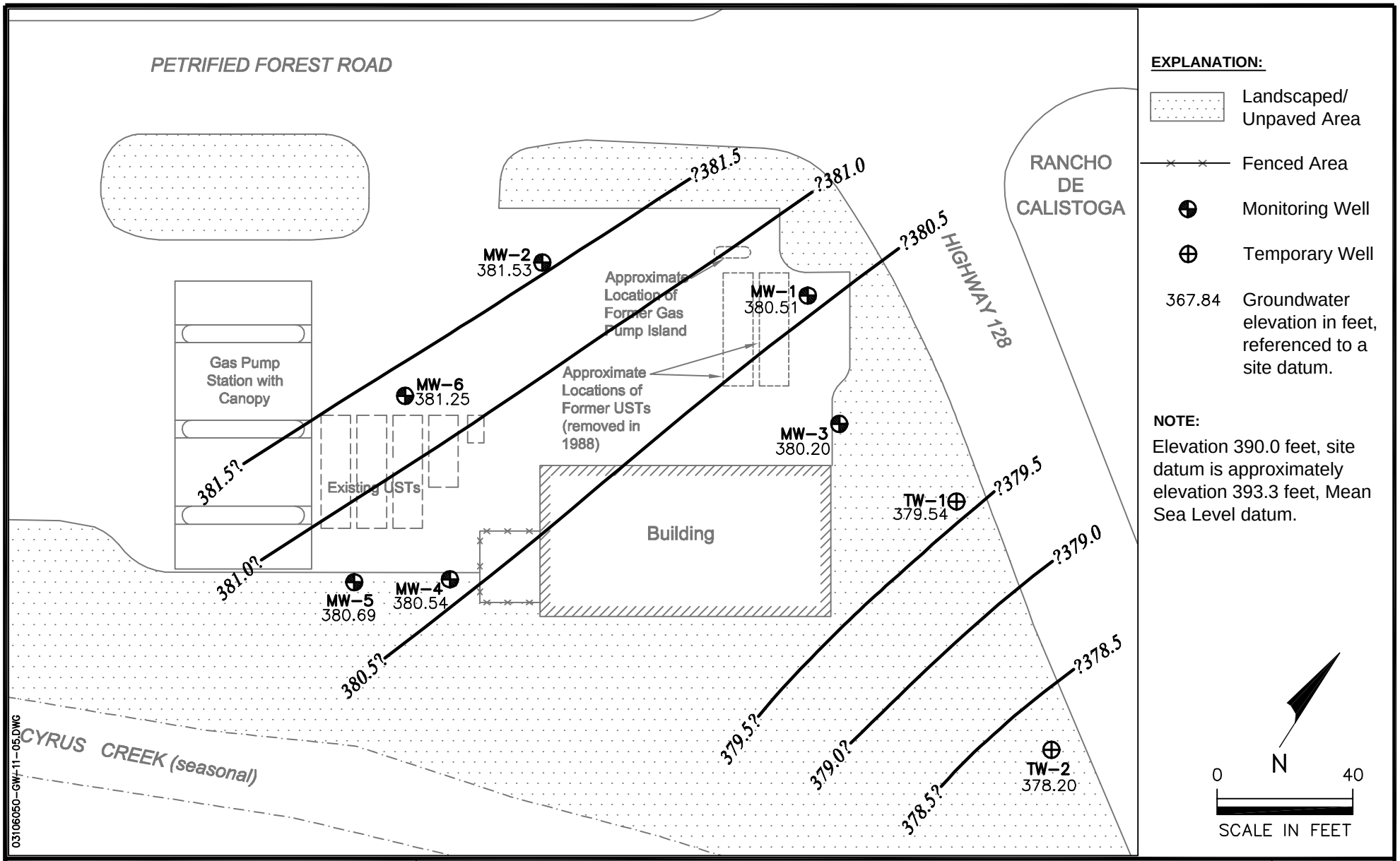
Groundwater Table Contour Map - November 29, 2005

Convenience Acquisition Company, More for Less Store #21

940 Petrified Forest Road; Calistoga, California

Figure **4a**

Drafter: RS Date: 1/30/06 Contract Number: 03-106050 Approved: Revised:



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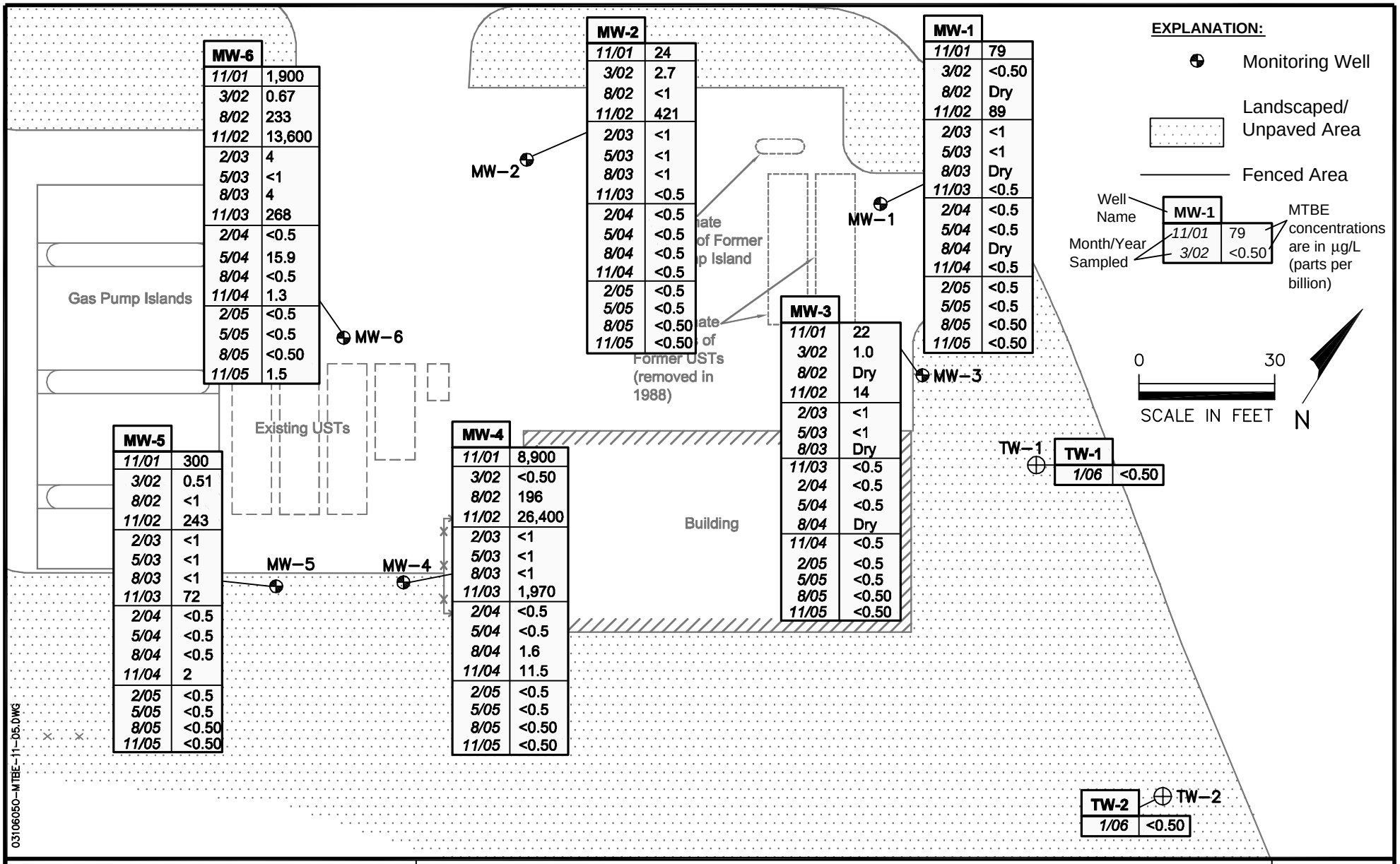
Groundwater Table Contour Map - January 6, 2006

Convenience Acquisition Company, More for Less Store #21

940 Petrified Forest Road; Calistoga, California

Figure **4b**

Drafter: RS Date: 1/30/06 Contract Number: 03-106050 Approved: Revised:



MW-6	
11/01	1,900
3/02	0.67
8/02	233
11/02	13,600
2/03	4
5/03	<1
8/03	4
11/03	268
2/04	<0.5
5/04	15.9
8/04	<0.5
11/04	1.3
2/05	<0.5
5/05	<0.5
8/05	<0.50
11/05	1.5

MW-2	
11/01	24
3/02	2.7
8/02	<1
11/02	421
2/03	<1
5/03	<1
8/03	<1
11/03	<0.5
2/04	<0.5
5/04	<0.5
8/04	<0.5
11/04	<0.5
2/05	<0.5
5/05	<0.5
8/05	<0.50
11/05	<0.50

MW-1	
11/01	79
3/02	<0.50
8/02	Dry
11/02	89
2/03	<1
5/03	<1
8/03	Dry
11/03	<0.5
2/04	<0.5
5/04	<0.5
8/04	Dry
11/04	<0.5
2/05	<0.5
5/05	<0.5
8/05	<0.50
11/05	<0.50

MW-3	
11/01	22
3/02	1.0
8/02	Dry
11/02	14
2/03	<1
5/03	<1
8/03	Dry
11/03	<0.5
2/04	<0.5
5/04	<0.5
8/04	Dry
11/04	<0.5
2/05	<0.5
5/05	<0.5
8/05	<0.50
11/05	<0.50

MW-4	
11/01	8,900
3/02	<0.50
8/02	196
11/02	26,400
2/03	<1
5/03	<1
8/03	<1
11/03	1,970
2/04	<0.5
5/04	<0.5
8/04	1.6
11/04	11.5
2/05	<0.5
5/05	<0.5
8/05	<0.50
11/05	<0.50

MW-5	
11/01	300
3/02	0.51
8/02	<1
11/02	243
2/03	<1
5/03	<1
8/03	<1
11/03	72
2/04	<0.5
5/04	<0.5
8/04	<0.5
11/04	2
2/05	<0.5
5/05	<0.5
8/05	<0.50
11/05	<0.50

TW-1	
1/06	<0.50

TW-2	
1/06	<0.50

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MTBE Concentrations in Groundwater

Convenience Acquisition Company, More for Less Store #21

940 Petrified Forest Road; Calistoga, California

Figure **5**

Drafter: RS Date: 1/30/06 Contract Number: 03-106050 Approved: Revised:

APPENDIX A

Field Documentation
Water Purging and Sampling Logs

ENVIRO
Counsel in Health and Environmental Science
5820 Shellmound St., Suite 700
Emeryville, California 94608

PRELIMINARY FIELD DRAFT
REVIEW PENDING

WATER PURGING AND SAMPLING LOG

PROJECT NAME: CAC-More4 Less
CONTRACT NUMBER: 03106050
WELL NO: MW-1
SAMPLING DATE: 11/29/05
P.M./SAMPLER(S): B. Myers

EQUIPMENT MODEL/TYPE	SERIAL NO.	DATE CALIBRATED	TEMP (°C)	STANDARD/ACTUAL
See MW-3				

PURGING/SAMPLING METHOD
EQUIPMENT CLEANING METHOD(S): Pressure washer
PURGE WATER DISPOSAL METHOD: Drum

WELL NUMBER OR SAMPLING LOCATION: MW-1
WELL CASING RADIUS (CR) (in): 4
TOTAL DEPTH (TD) OF WELL (ft): 20.64
DEPTH TO WATER (DTW) (ft): 15.90
CASING VOLUME (gal) = (TD-DTW) $(CR)^2$ (.163) = 3 → 9
80% = 16.85

PURGING DATA

PURGING START TIME: 1057
PURGING RATE (gpm): Hand bailed

TIME/GALLONS SINCE START	TEMP (C°)	pH	CONDUCTIVITY (µmhos/cm)	TURBIDITY (NTU)	OTHER
1059/3	17.5	6.3	199	>1000	
1101/6	17.2	6.1	187	>1000	
well dewatered @ 7.5 gallons					
	DTW = 15.80	>80%			
1300	17.4	6.4	194	17	

PURGING STOP TIME: 1103
CASING VOLUMES PURGED: 2
GALLONS PURGED: 7.5
SAMPLING TIME: 1300
OBSERVATIONS/COMMENTS:

LABORATORY NAME: STL
SAMPLE I.D.: 051129-21-MW-1-D

ENVIRO

Counsel in Health and Environmental Science
5820 Shellmound St., Suite 700
Emeryville, California 94608

PRELIMINARY FIELD DRAFT
REVIEW PENDING

WATER PURGING AND SAMPLING LOG

WELL NO: MW-2
PROJECT NAME: CAC-More 4 Less
SAMPLING DATE: 11/29/05
CONTRACT NUMBER: 03104050
P.M./SAMPLER(S): B. Myers

EQUIPMENT MODEL/TYPE	SERIAL NO.	DATE CALIBRATED	TEMP (°C)	STANDARD/ACTUAL
See MW-3				

PURGING/SAMPLING METHOD: Bailer
EQUIPMENT CLEANING METHOD(S): Pressure washer
PURGE WATER DISPOSAL METHOD: Drum

WELL NUMBER OR SAMPLING LOCATION: MW-2
WELL CASING RADIUS (CR) (in): 4
TOTAL DEPTH (TD) OF WELL (ft): 24.08
DEPTH TO WATER (DTW) (ft): 16.15
CASING VOLUME (gal) = (TD-DTW) $(CR)^2$ (.163) = 5 → 15
80% = 17.74

PURGING DATA

PURGING START TIME: 1118
PURGING RATE (gpm): Hand bailed

TIME/GALLONS SINCE START	TEMP (C°)	pH	CONDUCTIVITY (µmhos/cm)	TURBIDITY (NTU)	OTHER
1120/5	16.3	6.4	171	28	
1123/10	16.5	6.0	170	64	
1127/15	16.3	6.0	169	66	

PURGING STOP TIME: 1127
CASING VOLUMES PURGED: 3
GALLONS PURGED: 15
SAMPLING TIME: 1145

OBSERVATIONS/COMMENTS:

LABORATORY NAME: STL

SAMPLE I.D.: 051129-21-MW-2-D 1145
051129-21-MW-2-E 1110
051129-21-MW-2-D 1150

ENVIRO

Counsel In Health and Environmental Science
5820 Shellmound St., Suite 700
Emeryville, California 94608

PRELIMINARY FIELD DRAFT
REVIEW PENDING

WATER PURGING AND SAMPLING LOG

WELL NO: MW-3
PROJECT NAME: CAC-More4Less
SAMPLING DATE: 11/29/05
CONTRACT NUMBER: 03106050
P.M./SAMPLER(S): B. Myers

EQUIPMENT MODEL/TYPE	SERIAL NO.	DATE CALIBRATED	TEMP (°C)	STANDARD/ACTUAL
Ultrameter		11/29/05		pH 4,7,10
				4.0, 7.01, 10.0
				BOND 3900 µS
				3900
Turbidimeter HACH				5, 100, 500 → 4, 101, 50

PURGING/SAMPLING METHOD: Bailer
EQUIPMENT CLEANING METHOD(S): Pressure Washer
PURGE WATER DISPOSAL METHOD: Drum

WELL NUMBER OR SAMPLING LOCATION: MW-3
WELL CASING RADIUS (CR) (in): 4
TOTAL DEPTH (TD) OF WELL (ft): 20.00
DEPTH TO WATER (DTW) (ft): 15.74
CASING VOLUME (gal) = (TD-DTW) $(CR)^2$ (.163) = 2.8 → 8.4
80% = 16.59

PURGING DATA

PURGING START TIME: 1041
PURGING RATE (gpm): Hand bailed

TIME/GALLONS SINCE START	TEMP (C°)	pH	CONDUCTIVITY (µmhos/cm)	TURBIDITY (NTU)	OTHER
1043 / 3	15.8	7.3	184	13	
1045 / 6	16.7	6.5	180	34	
1049 / 9	16.8	6.0	181	37	
well dewatered @ 9 gallons - not @ 80% - return to sample					
	DTW = 15.71	> 80%			
1250 —	16.5	6.5	183	8	

PURGING STOP TIME: 1050
GALLONS PURGED: 9
CASING VOLUMES PURGED: 3
SAMPLING TIME: 1250
OBSERVATIONS/COMMENTS:

LABORATORY NAME: STL
SAMPLE I.D.: 051129-21-MW-3-P

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Counsel in Health and Environmental Science
5820 Shellmound St., Suite 700
Emeryville, California 94608

PRELIMINARY FIELD DRAFT
REVIEW PENDING

WATER PURGING AND SAMPLING LOG

WELL NO: MW-4
PROJECT NAME CAC-More 4 Less
SAMPLING DATE 11/29/05
CONTRACT NUMBER 03106050
P.M./SAMPLER(S) B. Myers

EQUIPMENT MODEL/TYPE	SERIAL NO.	DATE CALIBRATED	TEMP (°C)	STANDARD/ACTUAL
See MW-3				

PURGING/SAMPLING METHOD Bailer
EQUIPMENT CLEANING METHOD(S) Pressure washer
PURGE WATER DISPOSAL METHOD Drum

WELL NUMBER OR SAMPLING LOCATION MW-4
WELL CASING RADIUS (CR) (in) 2
TOTAL DEPTH (TD) OF WELL (ft) 24.25
DEPTH TO WATER (DTW) (ft) 15.88
CASING VOLUME (gal) = (TD-DTW) $(CR)^2$ (.163) = 1.3 → 3.9
80% = 17.55

PURGING DATA

PURGING START TIME 1217
PURGING RATE (gpm) Hand bailed

TIME/GALLONS SINCE START	TEMP (C°)	pH	CONDUCTIVITY (µmhos/cm)	TURBIDITY (NTU)	OTHER
1219 / 1.3	15.9	6.5	192	>1000	
1221 / 2.6	16.1	6.0	193	>1000	
1223 / 3.9	16.1	6.0	194	>1000	

PURGING STOP TIME 1223
CASING VOLUMES PURGED 3
GALLONS PURGED 4
SAMPLING TIME 1225
OBSERVATIONS/COMMENTS

LABORATORY NAME STL
SAMPLE I.D. 051129-21-MW-4-D

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Counsel in Health and Environmental Science
5820 Shellmound St., Suite 700
Emeryville, California 94608

PRELIMINARY FIELD DRAFT
REVIEW PENDING

WATER PURGING AND SAMPLING LOG

WELL NO: MW-5
PROJECT NAME: CAC More 4 Less
SAMPLING DATE: 11/29/05
CONTRACT NUMBER: 031060050
P.M./SAMPLER(S): B. Myers

EQUIPMENT MODEL/TYPE	SERIAL NO.	DATE CALIBRATED	TEMP (°C)	STANDARD/ACTUAL
See MW-3				

PURGING/SAMPLING METHOD: Bailer
EQUIPMENT CLEANING METHOD(S): Pressure Washer
PURGE WATER DISPOSAL METHOD: Drum

WELL NUMBER OR SAMPLING LOCATION: MW-5
WELL CASING RADIUS (CR) (in): 2
TOTAL DEPTH (TD) OF WELL (ft): 23.92
DEPTH TO WATER (DTW) (ft): 15.42
CASING VOLUME (gal) = (TD-DTW) $(CR)^2$ (.163) = 1.4 → 4.2
80% = 17.12

PURGING DATA

PURGING START TIME: 1157
PURGING RATE (gpm): Hand bailed

TIME/GALLONS SINCE START	TEMP (C°)	pH	CONDUCTIVITY (µmhos/cm)	TURBIDITY (NTU)	OTHER
1200/ 1.4	15.2	6.6	198	>1000	
1202/ 2.8	15.5	6.1	199	>1000	
1204/ 4.2	15.5	6.1	199	>1000	

PURGING STOP TIME: 1205
CASING VOLUMES PURGED: 3
GALLONS PURGED: 4.5
SAMPLING TIME: 1210
OBSERVATIONS/COMMENTS:

LABORATORY NAME: STL
SAMPLE I.D.: 051129-21-MW-5-D

ENVIRO
Counsel In Health and Environmental Science
5820 Shellmound St., Suite 700
Emeryville, California 94608

PRELIMINARY FIELD DRAFT
REVIEW PENDING

WATER PURGING AND SAMPLING LOG

WELL NO: MW-6
PROJECT NAME: CAC - More 4 Less
SAMPLING DATE: 11/29/05
CONTRACT NUMBER: 03106050
P.M./SAMPLER(S): B. Myers

EQUIPMENT MODEL/TYPE	SERIAL NO.	DATE CALIBRATED	TEMP (°C)	STANDARD/ACTUAL
See MW-3				

PURGING/SAMPLING METHOD: Bailer
EQUIPMENT CLEANING METHOD(S): Pressure Washer
PURGE WATER DISPOSAL METHOD: Drum

WELL NUMBER OR SAMPLING LOCATION: MW-6
WELL CASING RADIUS (CR) (in): 2
TOTAL DEPTH (TD) OF WELL (ft): 24.16
DEPTH TO WATER (DTW) (ft): 15.15
CASING VOLUME (gal) = (TD-DTW) $(CR)^2$ (.163) = 1.4 → 4.2
80% = 16.95

PURGING DATA

PURGING START TIME: 1227
PURGING RATE (gpm): Hand bailed

TIME/GALLONS SINCE START	TEMP (C°)	pH	CONDUCTIVITY (µmhos/cm)	TURBIDITY (NTU)	OTHER
1229 / 1.4	16.7	6.5	237	>1000	
1232 / 2.8	16.8	6.1	216	>1000	
1234 / 4.2	16.9	6.1	211	>1000	

PURGING STOP TIME: 1235
CASING VOLUMES PURGED: 3
GALLONS PURGED: 4.5
SAMPLING TIME: 1240
OBSERVATIONS/COMMENTS:

LABORATORY NAME: STL
SAMPLE I.D.: 051129-21-MW-6-D

APPENDIX B

Analytical Laboratory Report for Onsite Monitoring Wells

ANALYTICAL REPORT

Job Number: 720-712-1

Job Description: CAL MORE 4 LESS

For:

ENVIRON International Corp.
6001 Shellmound Street
Suite 700
Emeryville, CA 94608

Attention: Mr. Chris Ritchie

Surinder Sidhu

Surinder Sidhu
Project Manager I
ssidhu@stl-inc.com
12/08/2005

METHOD SUMMARY

Client: ENVIRON International Corp. Job Number: 720-712-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: ENVIRON International Corp. Job Number: 720-712-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-712-1	051129-21-MW-1-P	Water	11/29/2005 1300	11/30/2005 1222
720-712-2	051129-21-MW-2-P	Water	11/29/2005 1145	11/30/2005 1222
720-712-3	051129-21-MW-2-D	Water	11/29/2005 1150	11/30/2005 1222
720-712-4	051129-21-MW-2-E	Water	11/29/2005 1110	11/30/2005 1222
720-712-5	051129-21-MW-3-P	Water	11/29/2005 1250	11/30/2005 1222
720-712-6	051129-21-MW-4-P	Water	11/29/2005 1225	11/30/2005 1222
720-712-7	051129-21-MW-5-P	Water	11/29/2005 1210	11/30/2005 1222
720-712-8	051129-21-MW-6-P	Water	11/29/2005 1240	11/30/2005 1222

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-1-P

Lab Sample ID: 720-712-1 Date Sampled: 11/29/2005 1300
Client Matrix: Water Date Received: 11/30/2005 1222

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-2536 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200512\12
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 12/02/2005 2013 Final Weight/Volume: 10 mL
Date Prepared: 12/02/2005 2013

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	102	77 - 121
1,2-Dichloroethane-d4	82	73 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-2-P

Lab Sample ID: 720-712-2 Date Sampled: 11/29/2005 1145
Client Matrix: Water Date Received: 11/30/2005 1222

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-2536 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200512\12
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 12/02/2005 1908 Final Weight/Volume: 10 mL
Date Prepared: 12/02/2005 1908

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	79	73 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-2-D

Lab Sample ID: 720-712-3 Date Sampled: 11/29/2005 1150
Client Matrix: Water Date Received: 11/30/2005 1222

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-2536 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200512\12
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 12/02/2005 2035 Final Weight/Volume: 10 mL
Date Prepared: 12/02/2005 2035

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	103	77 - 121
1,2-Dichloroethane-d4	86	73 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-2-E

Lab Sample ID: 720-712-4 Date Sampled: 11/29/2005 1110
Client Matrix: Water Date Received: 11/30/2005 1222

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-2536 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200512\12
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 12/02/2005 2056 Final Weight/Volume: 10 mL
Date Prepared: 12/02/2005 2056

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	103	77 - 121
1,2-Dichloroethane-d4	85	73 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-3-P

Lab Sample ID: 720-712-5 Date Sampled: 11/29/2005 1250
Client Matrix: Water Date Received: 11/30/2005 1222

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-2536 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200512\12
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 12/02/2005 2118 Final Weight/Volume: 10 mL
Date Prepared: 12/02/2005 2118

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	100	77 - 121
1,2-Dichloroethane-d4	88	73 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-4-P

Lab Sample ID: 720-712-6 Date Sampled: 11/29/2005 1225
Client Matrix: Water Date Received: 11/30/2005 1222

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-2536 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200512\12
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 12/02/2005 2139 Final Weight/Volume: 10 mL
Date Prepared: 12/02/2005 2139

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	102	77 - 121
1,2-Dichloroethane-d4	85	73 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-5-P

Lab Sample ID: 720-712-7 Date Sampled: 11/29/2005 1210
Client Matrix: Water Date Received: 11/30/2005 1222

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-2536 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200512\12
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 12/02/2005 2201 Final Weight/Volume: 10 mL
Date Prepared: 12/02/2005 2201

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	0.65		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	103	77 - 121
1,2-Dichloroethane-d4	91	73 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-6-P

Lab Sample ID: 720-712-8 Date Sampled: 11/29/2005 1240
Client Matrix: Water Date Received: 11/30/2005 1222

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-2536 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200512\12
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 12/02/2005 2223 Final Weight/Volume: 10 mL
Date Prepared: 12/02/2005 2223

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	1.5		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	102	77 - 121
1,2-Dichloroethane-d4	84	73 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-1-P

Lab Sample ID: 720-712-1 Date Sampled: 11/29/2005 1300
Client Matrix: Water Date Received: 11/30/2005 1222

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/05/2005 1141
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	76	60 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-2-P

Lab Sample ID: 720-712-2 Date Sampled: 11/29/2005 1145
Client Matrix: Water Date Received: 11/30/2005 1222

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/03/2005 1222
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	65	60 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-2-D

Lab Sample ID: 720-712-3 Date Sampled: 11/29/2005 1150
Client Matrix: Water Date Received: 11/30/2005 1222

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/03/2005 1341
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	110		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	63	60 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-2-E

Lab Sample ID: 720-712-4 Date Sampled: 11/29/2005 1110
Client Matrix: Water Date Received: 11/30/2005 1222

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/03/2005 1407
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	84	60 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-3-P

Lab Sample ID: 720-712-5 Date Sampled: 11/29/2005 1250
Client Matrix: Water Date Received: 11/30/2005 1222

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/03/2005 1434
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	78	60 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-4-P

Lab Sample ID: 720-712-6 Date Sampled: 11/29/2005 1225
Client Matrix: Water Date Received: 11/30/2005 1222

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/03/2005 1500
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	83	60 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-5-P

Lab Sample ID: 720-712-7 Date Sampled: 11/29/2005 1210
Client Matrix: Water Date Received: 11/30/2005 1222

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/03/2005 1645
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	81	60 - 130

Client: ENVIRON International Corp. Job Number: 720-712-1

Client Sample ID: 051129-21-MW-6-P

Lab Sample ID: 720-712-8 Date Sampled: 11/29/2005 1240
Client Matrix: Water Date Received: 11/30/2005 1222

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/03/2005 1711
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	97		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	80	60 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ENVIRON International Corp. Job Number: 720-712-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-2536				
LCS 720-2536/13	Lab Control Spike	Water	8260B	
LCSD 720-2536/12	Lab Control Spike Duplicate	Water	8260B	
MB 720-2536/14	Method Blank	Water	8260B	
720-712-1	051129-21-MW-1-P	Water	8260B	
720-712-2	051129-21-MW-2-P	Water	8260B	
720-712-2MS	Matrix Spike	Water	8260B	
720-712-2MSD	Matrix Spike Duplicate	Water	8260B	
720-712-3	051129-21-MW-2-D	Water	8260B	
720-712-4	051129-21-MW-2-E	Water	8260B	
720-712-5	051129-21-MW-3-P	Water	8260B	
720-712-6	051129-21-MW-4-P	Water	8260B	
720-712-7	051129-21-MW-5-P	Water	8260B	
720-712-8	051129-21-MW-6-P	Water	8260B	
GC Semi VOA				
Prep Batch: 720-2490				
LCS 720-2490/2-A	Lab Control Spike	Water	3510C	
LCSD 720-2490/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-2490/1-A	Method Blank	Water	3510C	
720-712-1	051129-21-MW-1-P	Water	3510C	
720-712-2	051129-21-MW-2-P	Water	3510C	
720-712-2MS	Matrix Spike	Water	3510C	
720-712-2MSD	Matrix Spike Duplicate	Water	3510C	
720-712-3	051129-21-MW-2-D	Water	3510C	
720-712-4	051129-21-MW-2-E	Water	3510C	
720-712-5	051129-21-MW-3-P	Water	3510C	
720-712-6	051129-21-MW-4-P	Water	3510C	
720-712-7	051129-21-MW-5-P	Water	3510C	
720-712-8	051129-21-MW-6-P	Water	3510C	
Analysis Batch:720-2580				
LCS 720-2490/2-A	Lab Control Spike	Water	8015B	720-2490
LCSD 720-2490/3-A	Lab Control Spike Duplicate	Water	8015B	720-2490
MB 720-2490/1-A	Method Blank	Water	8015B	720-2490
720-712-1	051129-21-MW-1-P	Water	8015B	720-2490
720-712-2	051129-21-MW-2-P	Water	8015B	720-2490
720-712-2MS	Matrix Spike	Water	8015B	720-2490
720-712-2MSD	Matrix Spike Duplicate	Water	8015B	720-2490
720-712-3	051129-21-MW-2-D	Water	8015B	720-2490
720-712-4	051129-21-MW-2-E	Water	8015B	720-2490
720-712-5	051129-21-MW-3-P	Water	8015B	720-2490
720-712-6	051129-21-MW-4-P	Water	8015B	720-2490
720-712-7	051129-21-MW-5-P	Water	8015B	720-2490
720-712-8	051129-21-MW-6-P	Water	8015B	720-2490

Client: ENVIRON International Corp.

Job Number: 720-712-1

Method Blank - Batch: 720-2536

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-2536/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/02/2005 1831
Date Prepared: 12/02/2005 1831

Analysis Batch: 720-2536
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200512\12
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	85	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp. Job Number: 720-712-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2536

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-2536/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/02/2005 1748
Date Prepared: 12/02/2005 1748

Analysis Batch: 720-2536
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200512\1
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-2536/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/02/2005 1809
Date Prepared: 12/02/2005 1809

Analysis Batch: 720-2536
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200512\12
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	99	101	69 - 129	2	25		
MTBE	108	102	65 - 165	6	25		
Toluene	101	102	70 - 130	2	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	104	103	77 - 121
1,2-Dichloroethane-d4	84	79	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp. Job Number: 720-712-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-2536

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-712-2	Analysis Batch:	720-2536	Instrument ID:	Varian 3900A
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c:\saturnws\data\200512\
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	12/02/2005 1930			Final Weight/Volume:	10 mL
Date Prepared:	12/02/2005 1930				

MSD Lab Sample ID:	720-712-2	Analysis Batch:	720-2536	Instrument ID:	Varian 3900A
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c:\saturnws\data\200512\12
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	12/02/2005 1951			Final Weight/Volume:	10 mL
Date Prepared:	12/02/2005 1951				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	104	91	69 - 129	13	20		
MTBE	100	92	65 - 165	8	20		
Toluene	104	93	70 - 130	11	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	105	104	77 - 121
1,2-Dichloroethane-d4	78	79	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp. Job Number: 720-712-1

Method Blank - Batch: 720-2490

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-2490/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2005 2352
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	73	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2490

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-2490/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2005 1802
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-2490/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2005 1829
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	71	65	60 - 130	10	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	80	76	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp. Job Number: 720-712-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-2490

Method: 8015B
Preparation: 3510C

MS Lab Sample ID:	720-712-2	Analysis Batch: 720-2580	Instrument ID: HP DRO3
Client Matrix:	Water	Prep Batch: 720-2490	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 250 mL
Date Analyzed:	12/03/2005 1248		Final Weight/Volume: 1 mL
Date Prepared:	12/02/2005 0956		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	720-712-2	Analysis Batch: 720-2580	Instrument ID: HP DRO3
Client Matrix:	Water	Prep Batch: 720-2490	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 250 mL
Date Analyzed:	12/03/2005 1315		Final Weight/Volume: 1 mL
Date Prepared:	12/02/2005 0956		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	66	71	60 - 130	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	82	86	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

720-722

ENVIRON

Counsel in Health and Environmental Science

CHAIN-of-CUSTODY FORM

89928

Sheet 1 Of 1
5820 Shellmound St., Suite 700
Emeryville, California 94608
(510) 655-7400

PROJECT NAME: CAC MORE4LESS #21

CASE NO.: 03-106050

ENVIRON SAMPLE ID.	COLLECTION DATE 2005	COLLECTED BY (initials)	MATRIX	TOTAL NO. OF CONTAINERS	SAMPLE TIME	TPH-GAS, BTEX, FUEL OXYGENATES* by 8260B	TPH DIESEL (8015M)	USE FOR MS/MSD				FIELD PT. I.D.					COMMENTS
051129-21-MW-1-P	11/29	CJR	WATER	5	1300	X	X					MW-1					PLEASE EMAIL RESULTS TO CHRIS RITCHIE:
051129-21-MW-2-P	11/29	CJR	WATER	6	1145	X	X	X				MW-2					critchie@environcorp.com
051129-21-MW-2-D	11/29	CJR	WATER	5	1150	X	X					MW-2					
051129-21-MW-2-E	11/29	CJR	WATER	5	1110	X	X					QCEB-2					GEOTRACKER GLOBAL ID T0605500132
051129-21-MW-3-P	11/29	CJR	WATER	5	1250	X	X					MW-3					
051129-21-MW-4-P	11/29	CJR	WATER	5	1225	X	X					MW-4					*FUEL OXYGENATES
051129-21-MW-5-P	11/29	CJR	WATER	5	1210	X	X					MW-5					TO INCLUDE MTBE; TBA; ETBE; TAME;
051129-21-MW-6-P	11/29	CJR	WATER	5	1240	X	X					MW-6					DIPE; 1,2-DCA, EDB;
								CJR									ETHANOL
TOTAL	X	X	X	41		8	8										

Relinquished by:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature]	11/30/05	9:30	[signature]	STLSF	11/30/05	0930
[signature]	11/30/05	1030	John Mullen	STLSF	11-30-05	1030

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ENVIRON International Corp. Job Number: 720-712-1

Login Number: 712

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

APPENDIX C

Analytical Laboratory Report for Offsite Irrigation Well Located at 2412 Foothill Boulevard, Calistoga, CA

ANALYTICAL REPORT

Job Number: 720-714-1

Job Description: CAL MORE 4 LESS

For:

ENVIRON International Corp.
6001 Shellmound Street
Suite 700
Emeryville, CA 94608

Attention: Mr. Chris Ritchie

Surinder Sidhu

Surinder Sidhu
Project Manager I
ssidhu@stl-inc.com
01/30/2006

METHOD SUMMARY

Client: ENVIRON International Corp. Job Number: 720-714-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Analytical Data

Client: ENVIRON International Corp.

Job Number: 720-714-1

Client Sample ID: 051129-21-WSW-1-P

Lab Sample ID: 720-714-1
Client Matrix: Water

Date Sampled: 11/29/2005 1130
Date Received: 11/30/2005 1340

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2005 1421
Date Prepared: 12/03/2005 1421

Analysis Batch: 720-2562

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200512\12
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	100	77 - 121
1,2-Dichloroethane-d4	87	73 - 130

Client: ENVIRON International Corp. Job Number: 720-714-1

Client Sample ID: 051129-21-WSW-1-P

Lab Sample ID: 720-714-1 Date Sampled: 11/29/2005 1130
Client Matrix: Water Date Received: 11/30/2005 1340

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 12/03/2005 0825
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	75	60 - 130

DATA REPORTING QUALIFIERS

Client: ENVIRON International Corp. Job Number: 720-714-1

Lab Section	Qualifier	Description
GC Semi VOA		
	N	MS, MSD: Spike recovery exceeds upper or lower control limits.

QUALITY CONTROL RESULTS

Client: ENVIRON International Corp. Job Number: 720-714-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-2562				
720-714-1	051129-21-WSW-1-P	Water	8260B	
720-714-1MS	Matrix Spike	Water	8260B	
720-714-1MSD	Matrix Spike Duplicate	Water	8260B	
GC Semi VOA				
Prep Batch: 720-2490				
LCS 720-2490/2-A	Lab Control Spike	Water	3510C	
LCSD 720-2490/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-2490/1-A	Method Blank	Water	3510C	
720-714-1	051129-21-WSW-1-P	Water	3510C	
720-714-1MS	Matrix Spike	Water	3510C	
720-714-1MSD	Matrix Spike Duplicate	Water	3510C	
Analysis Batch:720-2580				
LCS 720-2490/2-A	Lab Control Spike	Water	8015B	720-2490
LCSD 720-2490/3-A	Lab Control Spike Duplicate	Water	8015B	720-2490
MB 720-2490/1-A	Method Blank	Water	8015B	720-2490
720-714-1	051129-21-WSW-1-P	Water	8015B	720-2490
720-714-1MS	Matrix Spike	Water	8015B	720-2490
720-714-1MSD	Matrix Spike Duplicate	Water	8015B	720-2490

Client: ENVIRON International Corp. Job Number: 720-714-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-2562

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-714-1	Analysis Batch:	720-2562	Instrument ID:	Varian 3900A
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c:\saturnws\data\200512\
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	12/03/2005 1338			Final Weight/Volume:	10 mL
Date Prepared:	12/03/2005 1338				

MSD Lab Sample ID:	720-714-1	Analysis Batch:	720-2562	Instrument ID:	Varian 3900A
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c:\saturnws\data\200512\12
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	12/03/2005 1400			Final Weight/Volume:	10 mL
Date Prepared:	12/03/2005 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	82	87	69 - 129	6	20		
MTBE	85	94	65 - 165	10	20		
Toluene	84	87	70 - 130	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	106	103	77 - 121
1,2-Dichloroethane-d4	82	81	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp.

Job Number: 720-714-1

Method Blank - Batch: 720-2490

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-2490/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2005 2352
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	73	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-2490

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-2490/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2005 1802
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-2490/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2005 1829
Date Prepared: 12/02/2005 0956

Analysis Batch: 720-2580
Prep Batch: 720-2490
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	71	65	60 - 130	10	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	80	76	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp.

Job Number: 720-714-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-2490

Method: 8015B
Preparation: 3510C

MS Lab Sample ID:	720-714-1	Analysis Batch: 720-2580	Instrument ID: HP DRO3
Client Matrix:	Water	Prep Batch: 720-2490	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 250 mL
Date Analyzed:	12/03/2005 0852		Final Weight/Volume: 1 mL
Date Prepared:	12/02/2005 0956		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	720-714-1	Analysis Batch: 720-2580	Instrument ID: HP DRO3
Client Matrix:	Water	Prep Batch: 720-2490	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 250 mL
Date Analyzed:	12/05/2005 0918		Final Weight/Volume: 1 mL
Date Prepared:	12/02/2005 0956		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	63	52	60 - 130	19	30		N

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	77	64	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ENVIRON International Corp. Job Number: 720-714-1

Login Number: 714

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

APPENDIX D

Analytical Laboratory Report for Offsite Temporary Monitoring Wells

ANALYTICAL REPORT

Job Number: 720-1367-1

Job Description: CAL MORE 4 LESS

For:

ENVIRON International Corp.
6001 Shellmound Street
Suite 700
Emeryville, CA 94608

Attention: Mr. Chris Ritchie

Surinder Sidhu

Surinder Sidhu
Project Manager I
ssidhu@stl-inc.com
01/26/2006

Non Conformance Summary for job: 720-J1367-1

Client: ENVIRON International Corp.
Date: 01/26/2006

Semi Volatiles GC Analysis

Other Deficiency

Sample reported in DRO Range does not match with Diesel Standard.

Affected Items

720-1367

METHOD SUMMARY

Client: ENVIRON International Corp. Job Number: 720-1367-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: ENVIRON International Corp. Job Number: 720-1367-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-1367-1	060106-21-TW-2-E	Water	01/06/2006 0955	01/09/2006 1730
720-1367-2	060106-21-TW-2-P	Water	01/06/2006 1035	01/09/2006 1730
720-1367-3	060106-21-TW-2-D	Water	01/06/2006 1040	01/09/2006 1730
720-1367-4	060106-21-TW-1-P	Water	01/06/2006 1215	01/09/2006 1730

Client: ENVIRON International Corp. Job Number: 720-1367-1

Client Sample ID: 060106-21-TW-2-E

Lab Sample ID: 720-1367-1 Date Sampled: 01/06/2006 0955
Client Matrix: Water Date Received: 01/09/2006 1730

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-4557 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200601\01
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/19/2006 1442 Final Weight/Volume: 10 mL
Date Prepared: 01/19/2006 1442

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	70		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	89	77 - 121
1,2-Dichloroethane-d4	88	73 - 130

Method: 8260B Analysis Batch: 720-4669 Instrument ID: Saturn 3900B
Preparation: 5030B Lab File ID: c:\saturnws\data\200601\01
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/23/2006 1220 Final Weight/Volume: 10 mL
Date Prepared: 01/23/2006 1220

Analyte	Result (ug/L)	Qualifier	RL
MTBE	ND		0.50

Method: 8260B Analysis Batch: 720-4669 Instrument ID: Saturn 3900B
Preparation: 5030B Lab File ID: c:\saturnws\data\200601\01
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/23/2006 1220 Final Weight/Volume: 10 mL
Date Prepared: 01/23/2006 1220

Surrogate	%Rec	Acceptance Limits
Toluene-d8	91	77 - 121
1,2-Dichloroethane-d4	88	73 - 130

Client: ENVIRON International Corp. Job Number: 720-1367-1

Client Sample ID: 060106-21-TW-2-P

Lab Sample ID: 720-1367-2 Date Sampled: 01/06/2006 1035
Client Matrix: Water Date Received: 01/09/2006 1730

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-4557 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200601\01
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/19/2006 1504 Final Weight/Volume: 10 mL
Date Prepared: 01/19/2006 1504

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
TAME	ND		0.50
Toluene	0.68		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	89	77 - 121
1,2-Dichloroethane-d4	91	73 - 130

Method: 8260B Analysis Batch: 720-4669 Instrument ID: Saturn 3900B
Preparation: 5030B Lab File ID: c:\saturnws\data\200601\01
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/23/2006 1246 Final Weight/Volume: 10 mL
Date Prepared: 01/23/2006 1246

Analyte	Result (ug/L)	Qualifier	RL
MTBE	ND		0.50

Method: 8260B Analysis Batch: 720-4669 Instrument ID: Saturn 3900B
Preparation: 5030B Lab File ID: c:\saturnws\data\200601\01
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/23/2006 1246 Final Weight/Volume: 10 mL
Date Prepared: 01/23/2006 1246

Surrogate	%Rec	Acceptance Limits
Toluene-d8	94	77 - 121
1,2-Dichloroethane-d4	88	73 - 130

Client: ENVIRON International Corp. Job Number: 720-1367-1

Client Sample ID: 060106-21-TW-2-D

Lab Sample ID: 720-1367-3 Date Sampled: 01/06/2006 1040
Client Matrix: Water Date Received: 01/09/2006 1730

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-4557 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200601\01
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/19/2006 1525 Final Weight/Volume: 10 mL
Date Prepared: 01/19/2006 1525

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	91	77 - 121
1,2-Dichloroethane-d4	89	73 - 130

Client: ENVIRON International Corp. Job Number: 720-1367-1

Client Sample ID: 060106-21-TW-1-P

Lab Sample ID: 720-1367-4 Date Sampled: 01/06/2006 1215
Client Matrix: Water Date Received: 01/09/2006 1730

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-4557 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: c:\saturnws\data\200601\01
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/19/2006 1630 Final Weight/Volume: 10 mL
Date Prepared: 01/19/2006 1630

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	1.2		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	90	77 - 121
1,2-Dichloroethane-d4	90	73 - 130

Client: ENVIRON International Corp. Job Number: 720-1367-1

Client Sample ID: 060106-21-TW-2-E

Lab Sample ID: 720-1367-1 Date Sampled: 01/06/2006 0955
Client Matrix: Water Date Received: 01/09/2006 1730

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/11/2006 1742
Date Prepared: 01/11/2006 0527

Analysis Batch: 720-4255
Prep Batch: 720-4154

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	82	60 - 130

Client: ENVIRON International Corp. Job Number: 720-1367-1

Client Sample ID: 060106-21-TW-2-P

Lab Sample ID: 720-1367-2 Date Sampled: 01/06/2006 1035
Client Matrix: Water Date Received: 01/09/2006 1730

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/23/2006 1622
Date Prepared: 01/11/2006 0527

Analysis Batch: 720-4255
Prep Batch: 720-4154

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	54		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	99	60 - 130

Client: ENVIRON International Corp. Job Number: 720-1367-1

Client Sample ID: 060106-21-TW-2-D

Lab Sample ID: 720-1367-3 Date Sampled: 01/06/2006 1040
Client Matrix: Water Date Received: 01/09/2006 1730

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/11/2006 1837
Date Prepared: 01/11/2006 0527

Analysis Batch: 720-4255
Prep Batch: 720-4154

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	87	60 - 130

Client: ENVIRON International Corp. Job Number: 720-1367-1

Client Sample ID: 060106-21-TW-1-P

Lab Sample ID: 720-1367-4 Date Sampled: 01/06/2006 1215
Client Matrix: Water Date Received: 01/09/2006 1730

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/11/2006 1905
Date Prepared: 01/11/2006 0527

Analysis Batch: 720-4255
Prep Batch: 720-4154

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	56		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	91	60 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: ENVIRON International Corp. Job Number: 720-1367-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-4557				
LCS 720-4557/8	Lab Control Spike	Water	8260B	
LCSD 720-4557/7	Lab Control Spike Duplicate	Water	8260B	
MB 720-4557/9	Method Blank	Water	8260B	
720-1367-1	060106-21-TW-2-E	Water	8260B	
720-1367-2	060106-21-TW-2-P	Water	8260B	
720-1367-3	060106-21-TW-2-D	Water	8260B	
720-1367-3MS	Matrix Spike	Water	8260B	
720-1367-3MSD	Matrix Spike Duplicate	Water	8260B	
720-1367-4	060106-21-TW-1-P	Water	8260B	
Analysis Batch:720-4669				
LCS 720-4669/4	Lab Control Spike	Water	8260B	
LCSD 720-4669/3	Lab Control Spike Duplicate	Water	8260B	
MB 720-4669/5	Method Blank	Water	8260B	
720-1367-1	060106-21-TW-2-E	Water	8260B	
720-1367-2	060106-21-TW-2-P	Water	8260B	
GC Semi VOA				
Prep Batch: 720-4154				
LCS 720-4154/2-A	Lab Control Spike	Water	3510C	
LCSD 720-4154/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-4154/1-A	Method Blank	Water	3510C	
720-1367-1	060106-21-TW-2-E	Water	3510C	
720-1367-2	060106-21-TW-2-P	Water	3510C	
720-1367-3	060106-21-TW-2-D	Water	3510C	
720-1367-4	060106-21-TW-1-P	Water	3510C	
Analysis Batch:720-4255				
LCS 720-4154/2-A	Lab Control Spike	Water	8015B	720-4154
LCSD 720-4154/3-A	Lab Control Spike Duplicate	Water	8015B	720-4154
MB 720-4154/1-A	Method Blank	Water	8015B	720-4154
720-1367-1	060106-21-TW-2-E	Water	8015B	720-4154
720-1367-2	060106-21-TW-2-P	Water	8015B	720-4154
720-1367-3	060106-21-TW-2-D	Water	8015B	720-4154
720-1367-4	060106-21-TW-1-P	Water	8015B	720-4154

Client: ENVIRON International Corp.

Job Number: 720-1367-1

Method Blank - Batch: 720-4557

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-4557/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/19/2006 0944
Date Prepared: 01/19/2006 0944

Analysis Batch: 720-4557
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	90	77 - 121
1,2-Dichloroethane-d4	86	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp. Job Number: 720-1367-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-4557

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-4557/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/19/2006 1009
Date Prepared: 01/19/2006 1009

Analysis Batch: 720-4557
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200601\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-4557/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/19/2006 0923
Date Prepared: 01/19/2006 0923

Analysis Batch: 720-4557
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200601\011
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	102	111	69 - 129	8	25		
MTBE	110	107	65 - 165	3	25		
Toluene	111	127	70 - 130	14	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	90	90	77 - 121
1,2-Dichloroethane-d4	84	83	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp. Job Number: 720-1367-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-4557

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-1367-3	Analysis Batch:	720-4557	Instrument ID:	Varian 3900A
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c:\saturnws\data\200601\(
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	01/19/2006 1547			Final Weight/Volume:	10 mL
Date Prepared:	01/19/2006 1547				

MSD Lab Sample ID:	720-1367-3	Analysis Batch:	720-4557	Instrument ID:	Varian 3900A
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c:\saturnws\data\200601\01
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	01/19/2006 1608			Final Weight/Volume:	10 mL
Date Prepared:	01/19/2006 1608				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	106	102	69 - 129	3	20		
MTBE	107	102	65 - 165	5	20		
Toluene	116	109	70 - 130	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	89	89	77 - 121
1,2-Dichloroethane-d4	86	86	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp.

Job Number: 720-1367-1

Method Blank - Batch: 720-4669

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-4669/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/23/2006 0937
Date Prepared: 01/23/2006 0937

Analysis Batch: 720-4669
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	90	77 - 121
1,2-Dichloroethane-d4	90	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp. Job Number: 720-1367-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-4669

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-4669/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/23/2006 0845
Date Prepared: 01/23/2006 0845

Analysis Batch: 720-4669
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200601\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-4669/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/23/2006 0911
Date Prepared: 01/23/2006 0911

Analysis Batch: 720-4669
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200601\012
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	99	97	69 - 129	3	25		
MTBE	102	112	65 - 165	9	25		
Toluene	99	94	70 - 130	5	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	91	88	77 - 121
1,2-Dichloroethane-d4	81	86	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: ENVIRON International Corp.

Job Number: 720-1367-1

Method Blank - Batch: 720-4154

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-4154/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2006 1401
Date Prepared: 01/11/2006 0527

Analysis Batch: 720-4255
Prep Batch: 720-4154
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	77	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-4154

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-4154/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2006 1647
Date Prepared: 01/11/2006 0527

Analysis Batch: 720-4255
Prep Batch: 720-4154
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-4154/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/11/2006 1714
Date Prepared: 01/11/2006 0527

Analysis Batch: 720-4255
Prep Batch: 720-4154
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	79	79	60 - 130	0	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	88	88	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

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Sheet 1 Of 1

ENVIRON

Counsel in Health and Environmental Science

720-1367

CHAIN-of-CUSTODY FORM

5820 Shellmound St., Suite 700
Emeryville, California 94608
(510) 655-7400

PROJECT NAME: CAL MORE GLASS

CASE NO.: 03-146-450

ENVIRON SAMPLE ID.	COLLECTION DATE 06	COLLECTED BY (initials)	MATRIX	TOTAL NO. OF CONTAINERS	ANALYSES: SAMPLE TIME	TPH-GAS, BTEX, FUEL OXYGENATES* by 8260B	TPH-DIESEL by 8015M					FIELD PT. ID.					COMMENTS
060106-21-TW-2-E	1/06	cpm	WATER	5	0955	X	X					QCEB					PLEASE EMAIL RESULTS
060106-21-TW-2-P	1/06	cpm	WATER	5	1035	X	X					TW-2					TO CHRIS RITCHIE
060106-21-TW-2-D	1/06	cpm	WATER	5	1040	X	X					TW-2					
060106-21-TW-1-P	1/06	cpm	WATER	5	1215	X	X					TW-1					CHAIN TRACKER ID TC60550132
																	*FUEL OXYGENATES
																	TO INCLUDE MTBE,
																	TBA, ETBE, TAME,
																	DIPE, 1,2-DCA, EDB,
																	ETHANOL
TOTAL	X	X	X	20	X	4	4										

5-DAY TAT

Relinquished by:	Date:	Time:	Received by:	Company:	Date:	Time:
[signature]	1/9/06	1155	[signature]	STL-SF	1/9/06	1155
[signature]	1/9/06	1730	[signature]	STL-SF	01/09/06	1730

2

LOGIN SAMPLE RECEIPT CHECK LIST

Client: ENVIRON International Corp. Job Number: 720-1367-1

Login Number: 1367

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	