Mr. Jerry Wickham
Hazardous Materials Specialist
Alameda County Health Care Services Agency
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

RE: Eagle Gas Station
4301 San Leandro Street
Oakland, California 94601
LOP StID# 2118
Fuel Leak Case No. RO0000096
USTCF Claim No. 014551
Clearwater Group Project # ZP046I

Dear Mr. Wickham,

As the legally authorized representative of the above-referenced project location, I have reviewed the *Quarterly Groundwater Monitoring Report – First Quarter 2008* prepared by my consultant of record, Clearwater Group. I declare, under penalty of perjury, that the information and/or recommendations contained in this report are true and correct to the best of my knowledge.

Sincerely,

Muhammad Jamil

Mr. Muhammad Jamil

Date: 4-2-08

CLEARWATER
GROUP
Environmental Services

March 25, 2008

Mr. Jerry Wickham, P.G.
Hazardous Materials Specialist
Alameda County Environmental Health Services
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: ***Quarterly Groundwater Monitoring Report – First Quarter 2008***
Eagle Gas Station
4301 San Leandro Street
Oakland, California 94601
LOP Site ID# 2118
USTCF Claim No. 014551
Clearwater Project No. ZP046M

Dear Mr. Wickham:

Clearwater Group (Clearwater) has prepared this *Quarterly Groundwater Monitoring Report - First Quarter 2008*, for the Eagle Gas Station site. This report presents the groundwater monitoring activities and associated results for the groundwater monitoring performed on February 19, 20, and 21, 2008.

SITE DESCRIPTION

The site is located in the southern portion of the City of Oakland, Alameda County, California, at the southern corner of the intersection of San Leandro Street and High Street. The site is located approximately 1,100 feet northeast of Interstate Highway 880 (**Figure 1**). The site is bounded by commercial property to the southeast and southwest, by High Street to the northwest, and by San Leandro Street to the northeast (**Figure 2**). The site is operated as a gas station and convenience store.

BACKGROUND

On April 21 and 22, 1999, Clearwater (formerly Artesian Environmental) oversaw the removal of five underground storage tanks (USTs) consisting of two 6,000-gallon gasoline tanks, two 4,000-gallon diesel tanks, and one 300-gallon used-oil tank from the site. Strong petroleum hydrocarbon odors were reportedly observed emanating from the excavation pit of the USTs. Five soil samples and three groundwater samples were collected from the UST excavation for confirmation sampling after completion of the UST excavation. Field observations and laboratory analysis indicated that an unauthorized release of petroleum hydrocarbons had occurred. The former UST excavation is shown in **Figure 2** and was defined by driven steel shoring installed to protect the on-site and off-site buildings prior to the field activities.

In a letter dated May 10, 1999, Alameda County Environmental Health Services (ACEH) staff recommended that the soil at the site be remediated by over-excavation and that "as much groundwater as possible" be pumped from the excavation. Approximately 800 tons of petroleum hydrocarbon-impacted soil were excavated and disposed of as Class II non-hazardous waste, and approximately 1,000 gallons of petroleum hydrocarbon-impacted groundwater were pumped and removed from the site. Groundwater did not recharge quickly after the initial pumping. Existing on-site and off-site structures and associated shoring limited the amount of soil that could be safely excavated. Soil samples collected from the excavation walls and product-piping trenches indicated that residual concentrations of petroleum hydrocarbons and methyl-tert-butyl-ether (MTBE) remained.

On August 4 and 5, 1999, approximately 100 linear feet of product piping were removed. Vent piping from between the former USTs and the southern corner of the on-site building was also removed. All piping was cut up and disposed of as scrap metal. On August 5, 1999, six confirmation soil samples were collected along the piping trench approximately 3 feet below ground surface (bgs). In addition, one soil sample was collected from each of the four former fuel dispensers. Laboratory analytical results indicated that petroleum hydrocarbon impacts remained along the piping trenches.

On September 26, 2000, West Hazmat of Rancho Cordova, California, used a CME 75 drill rig to advance three borings to approximately 25 feet bgs and collect soil samples. The three borings were completed as groundwater-monitoring wells (**Figure 2**) using clean, flush-threaded, 2-inch diameter polyvinyl chloride (PVC) for the well casing. The construction data for these three wells are presented in **Table 1**.

On October 3 and 10, 2000, Clearwater surveyed the top-of-the-casing (TOC) elevation of each of the wells relative to an arbitrary datum and developed the wells for monitoring purposes. Initial groundwater samples collected from these wells contained 83,000 micrograms per liter (µg/L) to 250,000 µg/L total petroleum hydrocarbon as gasoline (TPH-g) and 33,000 µg/L to 400,000 µg/L MTBE.

On August 3, 2001, Clearwater submitted its *Groundwater Monitoring Report—Second Quarter 2001* and *Sensitive Receptor Survey and Workplan for Continuing Investigation.* It was determined, at that time, that there were no major ecological receptors, permanent surface waters, or domestic-use wells within a 2,000-foot radius of the site. The proposed scope of the workplan included the installation of eight groundwater-monitoring wells around the site to delineate the MTBE plume in groundwater. In response to Clearwater's workplan, ACEH staff, in correspondence dated October 18, 2001, recommended postponing the installation of the additional off-site wells. Instead, ACEH staff requested that further characterization of subsurface soils and groundwater on the subject site be completed prior to the installation of any off-site wells.

Quarterly monitoring was suspended after the Third Quarter 2001 event on August 3, 2001. Quarterly monitoring resumed in July 2003 and has since continued. The historical groundwater elevation and analytical results are listed in **Table 2.**

On January 9, 2004, after completing the review of the *Third Quarter 2003 Groundwater Monitoring Report*, ACEH staff requested a workplan that included additional on-site and off-site subsurface investigations to address the extent of groundwater impacts on the site. Clearwater submitted its *Interim Remedial Action Plan* (IRAP), as requested by ACEH staff, on January 14, 2004.

ACEH staff provided review comments for the IRAP and the *First Quarter 2005 Groundwater Monitoring Report* in a letter dated May 26, 2005. Pursuant to the ACEH request described in this letter, Clearwater submitted a *Soil and Groundwater Investigation Workplan* on August 10, 2005. In review letters dated September 21, 2005, and November 1, 2005, ACEH approved the implementation of a modified IRAP proposed in Clearwater's June 13, 2005, letter entitled *Recommendations for Interim Remedial Actions* and the August 10, 2005, *Soil and Groundwater Investigation Workplan.* On the basis of the recommendations made in the above-mentioned documents and correspondences, Clearwater installed 15 additional on-site wells between December 15 and December 20, 2005, and conducted Geoprobe® soil sampling from December 6 to December 9, 2005, and from March 29 to April 2, 2006. In order to monitor the extent of groundwater impacts and the magnitude of vertical migration of contaminants in deeper groundwater, two deep-zone monitoring wells (MW-4D and MW-5D) were installed. These wells were screened between 35 and 45 feet bgs. The construction data for these new wells are presented in **Table 1**. All the wells were surveyed by Clearwater using a global positioning system (GPS) and laser level on March 16 and 28, 2006.

On the basis of apparent on-site groundwater mounding and unusually steep on-site groundwater gradients, ACEH staff requested a check of the groundwater elevation data. Each well's horizontal position was originally determined using a GPS survey in 2005. Clearwater field-checked the well locations of all the groundwater monitoring wells on August 18, 2006, using a 100-foot-long cloth tape. The horizontal distances between wells were measured, and the well positions were triangulated from these measurements. Several well locations were adjusted

slightly on the base map; the revised base map with the resurveyed well locations is shown on **Figure 2** and has been used throughout reports generated since that time.

The TOC elevations of all the wells were remeasured on September 12, 2006, using a survey level and survey staff, accurate to within 1/100th of a foot. The TOC elevation for well MW-1 (northwest corner of site) was the starting datum, and the TOC elevation for all the other wells was calculated as the relative difference from MW-1's TOC elevation. The surveyed TOC elevations were compared with the previously used TOC elevations, which were determined using a laser level. The relative difference in TOC elevation for each well was determined. The maximum vertical difference was found to be 0.12 foot for well IS-3. **Table 2** presents the original elevation values up to May 9, 2005, followed by the resurveyed TOC elevations after that date. The overall groundwater gradient pattern did not significantly change after completion of the monitoring well resurvey.

Sampling analysis for *Escherichia coli* (*E. coli*), total coliform, and water treatment byproducts as residual chlorine was performed in November 2006 on groundwater samples obtained from wells IS-5, MW-8, and MW-7 in an attempt to identify whether on-site groundwater mounding could be caused by water and/or sewer line leaks; both *E. coli* and total coliform were present in IS-5 and MW-8, and water treatment byproducts were present in IS-5, MW-8, and MW-7. Leak testing was performed, and both a crack and an off-set in the sewer line were identified to exist near well IS-1. The sampling results for the *E. coli*, total coliform, and water treatment byproducts were reported in the *Quarterly Groundwater Monitoring Report - Fourth Quarter 2006*, and the sewer line leak test results were reported in the *Quarterly Groundwater Monitoring Report - First Quarter 2007.*

On May 30, 2006, Clearwater submitted its *Soil and Groundwater Investigation Report* to the ACEH, which included an updated Site Conceptual Model for the site. In response to the report, ACEH requested a Workplan to present proposed additional on- and off-site investigations. ACEH staff also provided Technical Comments to be addressed in the Workplan. Clearwater's *Response to Comments* was sent to ACEH on July 7, 2006. ACEH responded with an August 11, 2006, letter with revised Technical Comments to be incorporated into the Workplan. Clearwater submitted its *Revised Workplan* to the ACEH on December 19, 2006. ACEH responded in a letter dated January 4, 2007, with Technical Comments, which were to be addressed and incorporated during the field investigation; submittal of an additional revised Workplan was not requested by ACEH staff.

A *Bioremediation Feasibility Study Report* (Feasibility Report) was submitted July 9, 2007. The Feasibility Report concluded that the bioremediation parameters suggest an environment that is generally anaerobic and reducing. It appears that the general lack of sufficient oxygen and essential nutrients is limiting the degradation of the petroleum hydrocarbons.

On August 2, 2007, Clearwater submitted the *Quarterly Groundwater Monitoring Report - Second Quarter 2007.* On October 12, 2007, Clearwater submitted the *Quarterly Groundwater Monitoring Report - Third Quarter 2007.*

Results of 2007 Soil and Groundwater Investigation and Quarterly Groundwater Monitoring Report – Fourth Quarter 2007

Clearwater submitted its *2007 Soil and Groundwater Investigation Report* (2007 Report) to the ACEH on December 5, 2007. The scope of work presented in the 2007 Report included an inspection of the on-site sanitary sewer lateral, driving and sampling of 15 off-site soil borings, driving of 2 cone-penetrometer test (CPT) borings, installation of additional on-site "deep-zone" groundwater monitoring wells MW-1D and MW-7D, installation and sampling of 6 shallow soil vapor wells, surveying of 8 well and 15 boring locations using a GPS, and collection of soil samples for a persulfate bench test.

The 2007 Report included a revised Site Conceptual Model (SCM). In the new SCM, the depth of the contact between the clayey gravel layer and the underlying soil has been revised. The site lithology can be conceptually divided into an upper, shallow-zone and a lower, deep-zone. The shallow-zone is generally more clay-rich and the deep-zone is generally coarser grained. The separation between the two zones varies from 25 to 30 feet bgs. The groundwater within the shallow-zone is highly contaminated, whereas the groundwater within the deep-zone is relatively less contaminated. Grab groundwater samples collected from off-site borings indicate that the groundwater contamination within both zones extends offsite and that the extent of contamination has not been defined in either zone.

Clearwater generated the groundwater elevation contour diagrams for the 2007 Report using the same depth-to-water data used for this Fourth Quarter 2007 Groundwater Monitoring Event. With this data set the groundwater elevation contour diagram for the shallow-zone was consistent with previously reported quarterly groundwater elevation contour diagrams. The groundwater elevation contour diagrams for the deep-zone were generated using data from wells MW-1D, MW-4D, MW-5D, and MW-7D, on November 13, 2007, with a second measurement of these wells' depth to groundwater on November 27, 2007, to confirm the depth-to-groundwater measurements (since the upper-zone groundwater contour pattern did not conform with the shallow-zone groundwater contour pattern), indicated a partial groundwater depression, with a flow direction toward the north.

FIRST QUARTER 2008 GROUNDWATER MONITORING EVENT

The First Quarter 2008 groundwater monitoring event was performed on February 19, 20, and 21, 2008. The monitoring event included measuring the depths to groundwater, well purging and sampling, and laboratory analysis of groundwater samples.

Groundwater Gauging, Purging, and Sampling

On February 19, 2008, the depth to static groundwater in all 20 wells was measured (**Table 1**). An electronic water-level indicator accurate to within 1/100 foot was used to measure the depth to groundwater from the top of each well casing. All the wells were visually checked for the presence of light non-aqueous phase liquid (LNAPL) during well purging.

Prior to groundwater sampling, all the wells were purged of approximately three well volumes using a disposable polyethylene bailer until the temperature, conductivity, and pH measurements of the purge water stabilized, in accordance with Clearwater's Groundwater Monitoring and Sampling Field Procedures (**Attachment A**). Depth-to-water and well purging data were recorded on Well Gauging/Purge Calculations and Purging Data Sheets (**Attachment B**). Following recovery of the water levels to at least 80% of their static levels, groundwater samples were collected from the wells. A new disposable polyethylene bailer was used for each well. The samples were labeled, documented on a chain-of-custody form, and placed on ice in a chilled cooler for transport to the laboratory. The purge water and rinseate were pumped into an internal tank in the sampling van and removed from the site for disposal at InStrat, Rio Vista, California, a licensed treatment, storage, and disposal facility.

Laboratory Analysis

Groundwater samples were analyzed by Kiff Analytical LLC (Kiff), of Davis, California. Kiff is a California Department of Health Services-certified laboratory. The samples were analyzed by Environmental Protection Agency (EPA) Method 8260B for TPH-g; benzene, toluene, ethylbenzene, and total xylenes (BTEX); and five oxygenates including MTBE, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tert-butanol (TBA). The samples were also analyzed for total petroleum hydrocarbon as diesel (TPH-d) by EPA Method 8015.

The groundwater samples from wells MW-4 and MW-4D were also analyzed for the full EPA Method 8260B Suite, in order to match the analysis of a water sample recently collected from within a UST that was discovered on the adjacent property to the south of the site.

The laboratory analytical report (#61194), including the chain-of-custody form, is included in **Attachment C**.

GROUNDWATER MONITORING RESULTS

Observations During Groundwater Sampling

During well purging, apparent petroleum odors were detected emanating from monitoring wells MW-1 through MW-6, MW-8, MW-1D, MW-7D, IS-1 through IS-6, and extraction wells EW-1 and EW-2. Sheens were observed in the groundwater samples collected from monitoring wells MW-1, MW-2, MW-4 through MW-6, MW-8, IS-1, IS-2, IS-4 through IS-6, EW-1, EW-2, MW-1D, and MW-7D. Strong odor and free product were noted on the groundwater samples collected from wells MW-8 and IS-5. No sheen was identified in the groundwater samples collected from monitoring wells MW-7, MW-7D, MW-3, and IS-3.

Groundwater purged from wells MW-1D, MW-2, MW-3, MW-4, MW-5D, MW-7D, IS-5, and EW-1 had high turbidity; groundwater in the remaining wells had moderate to low turbidity. The water color ranged from brown to gray to tan.

Groundwater Elevation and Flow Direction

On February 19, 2008, the shallow-zone groundwater elevations ranged from a low of 7.96 feet above mean sea level (msl) in well MW-2 to a high of 14.86 feet above msl in well IS-3 (**Table 2**). The groundwater elevations in the deep-zone monitoring wells (MW-1D, MW-4D, MW-5D, and MW-7D) ranged from a low of 5.58 feet above msl (MW-7D) to a high of 6.17 feet above msl (MW-1D). At each pair of shallow-zone and deep-zone wells (MW-1/MW-1D, MW-4/MW-4D, MW-5/MW-5D, MW-7/MW-7D) the groundwater elevation was higher in the shallow-zone well. The differences ranged from 6.05 feet (wells MW-7/MW-7D) to 7.99 feet (wells MW-4/MW-4D. The shallow-zone wells are all screened from 10 feet to 25 feet bgs, and the deep-zone wells are screened from 35 feet to 45 feet bgs.

The shallow-zone groundwater elevation contour map (**Figure 3**) shows highly variable groundwater flow directions and gradients (i) and an apparent groundwater mound. The steepest gradient is near the north corner of this site. Three representative flow directions and gradients are shown on **Figure 3**. Near the south corner of the site, the gradient is toward the northeast at i = 0.200; along the southwest side of the site, the gradient is 0.106 toward the southwest; and along the north side, the gradient is 0.800 toward the northwest.

The apparent groundwater flow direction and gradient in the deep-zone for February 19, 2008 (**Figure 4**), is markedly different from the groundwater flow direction and gradient in the shallow-zone for the same date. The groundwater flow direction and gradient for the deep-zone was determined from the four deep zone wells (MW-1D, MW-4D, MW-5D, and MW-7D). **Figure 4** shows two representative gradients: toward the north at 0.018 and toward the west at 0.028. The deep-zone well top-of-casing elevations and depth-to-water measurements are presented in **Table 2**. With the installation of additional groundwater monitoring wells in the deep-zone, a history based on subsequent quarterly groundwater monitoring event data can be built. With additional data the groundwater flow direction and gradient determinations could change significantly.

Groundwater Sample Analytical Results: Shallow-Zone Wells

Consistent with historical data, the primary constituents of concern (COCs) at the site are TPH-g, TPH-d, benzene, MTBE, and TBA. The groundwater sample analytical results are summarized in **Table 3**. TPH-g concentrations were reported above the laboratory method-reporting limit (MRL) in samples collected from shallow-zone monitoring wells MW-1 (240 µg/L), MW-2 (1,400 µg/L), MW-6 (2,000 µg/L), IS-1 (410 µg/L), IS-2 (5,300 µg/L), IS-3 (2,700 µg/L), IS-4 (980 µg/L), IS-5 (73,000 µg/L), IS-6 (3,500 µg/L) and EW-2 (11,100 µg/L). However, the MRLs for the samples with non-detectable concentrations ranged from a low of 500 µg/L (MW-7) to a high of 70,000 µg/L (MW-4). **Figure 5** presents the TPH-g concentration in groundwater for the shallow-zone.

The detected concentrations for diesel-range hydrocarbons (TPH-d) in the shallow-zone wells ranged from a low of 190 µg/L (MW-7) to a high of 120,000 µg/L (MW-8). TPH-d was not reported above the laboratory MRLs in shallow-zone monitoring wells MW-3, IS-2, IS-5, and EW-2. The MRLs for TPH-d ranged from a low of 300 µg/L (MW-3) to a high of 18,000 µg/L (IS-5) in the shallow-zone monitoring wells.

Benzene concentrations reported above the laboratory MRLs ranged from a low of 2.0 µg/L (IS-1) to a high of 5,200 µg/L (IS-5). Benzene concentrations were not reported above the laboratory MRLs in samples collected from monitoring wells MW-1 (<1.5 µg/L), and MW-7 (<5.0 µg/L). **Figure 6** presents the benzene concentration in groundwater for the shallow-zone.

MTBE concentrations were reported above the laboratory MRLs in all the shallow-zone wells and ranged from a low of 53 µg/L (MW-1) to 350,000 µg/L (MW-4). **Figure 7** presents the MTBE concentration in groundwater for the shallow-zone.

TBA concentrations were reported above the laboratory MRLs in all the shallow-zone wells and ranged from 2,500 µg/L (MW-1) to 480,000 µg/L (MW-5). **Figure 8** presents the TBA concentration in groundwater for the shallow-zone. The high TBA concentrations are likely due to the biodegradation of MTBE. TBA concentrations in wells MW-5 and IS-4 have been generally increasing over time as MTBE concentrations in these wells have been generally decreasing (**Table 3**).

Groundwater Sample Analytical Results: Deep-Zone Wells

TPH-d was reported in deep-zone monitoring wells MW-1D, MW-4D, MW-5D, and MW-7D at concentrations of 180 µg/L, 170 µg/L, 12,000 µg/L, and 280 µg/L, respectively. TPH-g was not detected in any of the groundwater samples; at detection limits ranging from 50 µg/L (MW-1D, MW-4D, and MW-5D) to 150 µg/L (MW-7D). None of the BTEX components was detected in any of the deep zone wells, at detection limits ranging from 0.50 µg/L (MW-1D and MW-5D) to 1.5 µg/L (MW-7D), except 2.4 µg/L of xylenes in the sample from well MW-7D. MTBE concentrations ranged from 0.64 µg/L in the sample from well MW-4D to 1,000 µg/L (well MW-7D). TBA concentrations ranged from not detected at a MRL of 5.0 µg/L (wells MW-1D and MW-4D) to 36 µg/L (well MW-5D).

Additional Analyses of Groundwater Samples from Wells MW-4 and MW-4D
Groundwater samples from MW-4 and MW-4D were additionally analyzed by EPA Method 8260B Full Scan. **Table 4** presents the analytical results from these samples. The sample from well MW-4 contained 1,400 µg/L of ethylbenzene; the sample from well MW-4D contained 4.5 µg/L of trichloroethene (TCE). All other detections are listed in **Table 3**.

FINDINGS AND CONCLUSIONS

The mounded groundwater elevation contour pattern in the shallow-zone observed during this quarterly monitoring event (**Figure 3**) is consistent with historical shallow-zone groundwater elevation contour patterns observed since February 2006 (First Quarter 2006). A groundwater mound appears to be located near the two dispenser islands.

The groundwater elevation contour pattern within the deep-zone (**Figure 4**) was determined from data collected from the deep-zone wells MW-1D, MW-4D, MW-5D, and MW-7D on February 19, 2008. The deep-zone groundwater elevation contours indicate a partial elongated groundwater depression, which appears to discharge due north, at a gradient of 0.018.

The groundwater sample analytical results indicate that the site groundwater continues to be significantly impacted by TPH-g, TPH-d, benzene, MTBE, and TBA. TBA levels have generally increased over time as MTBE levels have decreased. Free product was noted on the purged water from wells MW-8 and IS-5 during sample collection; the first incidence of free product being noted occurred in these same wells during the previous quarterly groundwater monitoring event (Fourth Quarter 2007).

FUTURE ACTIVITIES

Clearwater received ACEH acknowledgement of the *2007 Soil and Groundwater Investigation Report* in a letter dated January 10, 2007. ACEH staff concurred with the use of a soil vapor gas survey to establish the locations of the off-site groundwater monitoring wells, discontinuation of the analyses of natural attenuation parameters from the groundwater sample analyses, installation of four shallow wells for a dual-phase vapor extraction test, and repair of the sanitary sewer lateral. Clearwater is in the process of implementing these actions.

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GROUP
Environmental Services

CERTIFICATION

This report was prepared under the supervision of a Professional Geologist registered in the State of California. All statements, conclusions, and recommendations are based solely upon published results from previous consultants, field observations by Clearwater staff, and laboratory analyses performed by a State-of-California-certified laboratory related to the work performed by Clearwater. Information and interpretation presented herein are for the sole use of the client and regulatory agency. A third party should not rely upon the information and interpretation contained in this document.

The service provided by Clearwater has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of this profession currently practicing under similar conditions in the area of the site. No other warranty, expressed or implied, is made.

LICENSED PROFESSIONALS

In-house licensed professionals direct all projects. These professionals, including geologists and engineers, shall be guided by the highest standards of ethics, honesty, integrity, fairness, personal honor, and professional conduct. To the fullest extent possible, the licensed professional shall protect the public health and welfare and property in carrying out their professional duties. In the course of normal business, recommendations by the in-house professional may include the use of equipment, services, or products in which the Company has an interest. Therefore, the Company is making full disclosure of potential or perceived conflicts of interest to all parties.

Sincerely,
CLEARWATER GROUP

REGISTERED GEOLOGIST
ROBERT L. NELSON
No. 2087
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

Robert L. Nelson, P.G. #6270, C.E.G. #2087
Senior Geologist

PROFESSIONAL GEOLOGIST
JAMES ALAN
JACOBS
NO. PG
CERTIFIED
HYDROGEOLOGIST
STATE OF CALIFORNIA

James A. Jacobs, P.G. #4815, C.H.G. #88
Chief Hydrogeologist

cc: Mr. Muhammad Jamil, 40092 Davis Street, Fremont, CA 94538

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GROUP
Environmental Services

FIGURES:

Figure 1: Site Vicinity Map
Figure 2: Site Plan
Figure 3: Shallow-Zone Groundwater Elevation Contour Map –February 19, 2008
Figure 4: Deep-Zone Groundwater Elevation Contour Map –February 19, 2008
Figure 5: Shallow-Zone TPH-gasoline Concentrations in Groundwater (µg/L)
Figure 6: Shallow-Zone Benzene Concentrations in Groundwater (µg/L)
Figure 7: Shallow-Zone MTBE Concentrations in Groundwater (µg/L)
Figure 8: Shallow-Zone TBA Concentrations in Groundwater (µg/L)

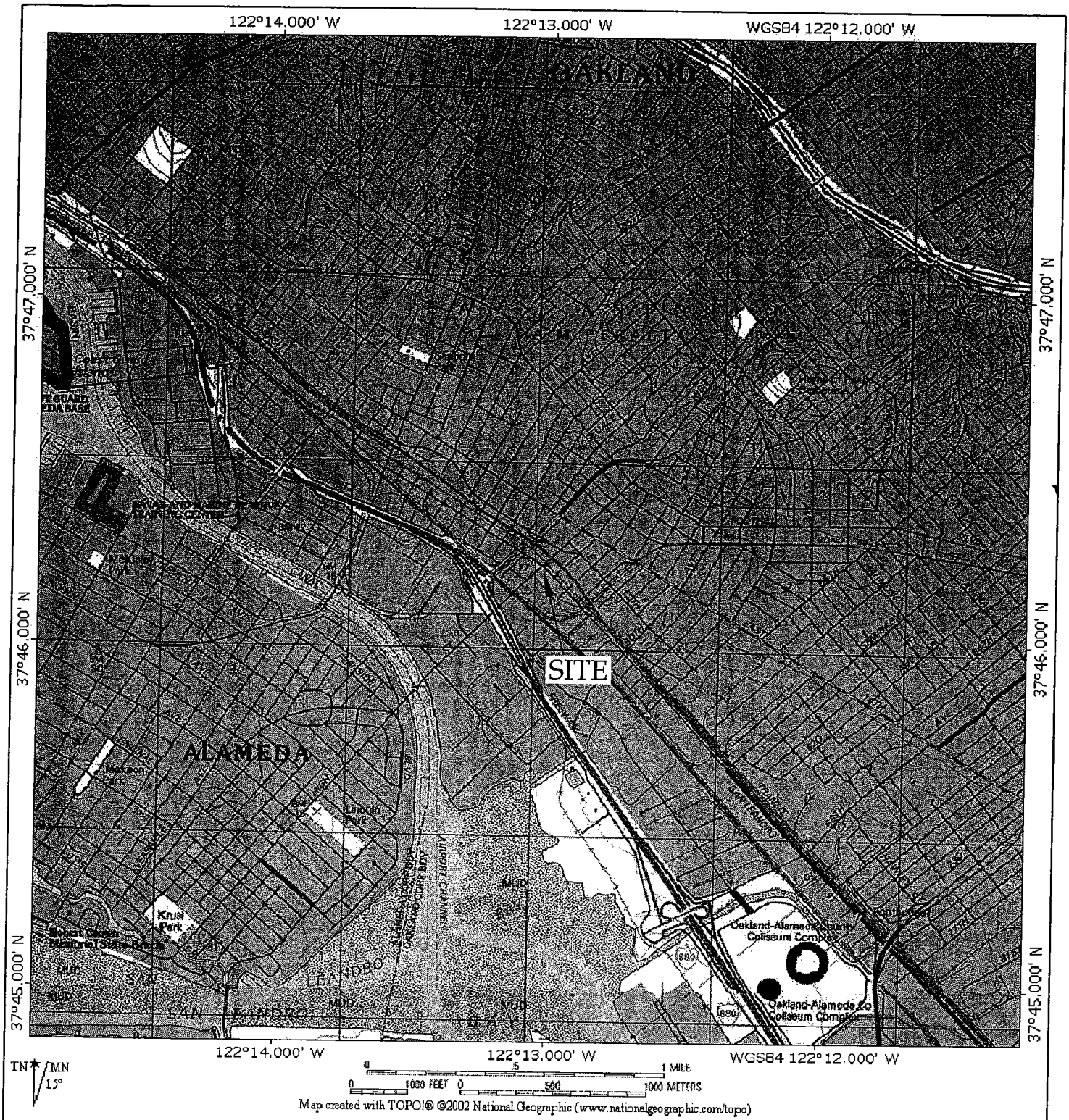
TABLES:

Table 1: Well Construction Data
Table 2: Groundwater Elevations
Table 3: Groundwater Sample Analytical Results
Table 4: Groundwater Sample Analytical Results, EPA Method 8260B Full Scan

ATTACHMENTS:

Attachment A: Groundwater Monitoring and Sampling Field Procedures
Attachment B: Well Gauging/Purging Calculations Data Sheets
Attachment C: Kiff Analytical Report #61194 with Chain-of-Custody Documents

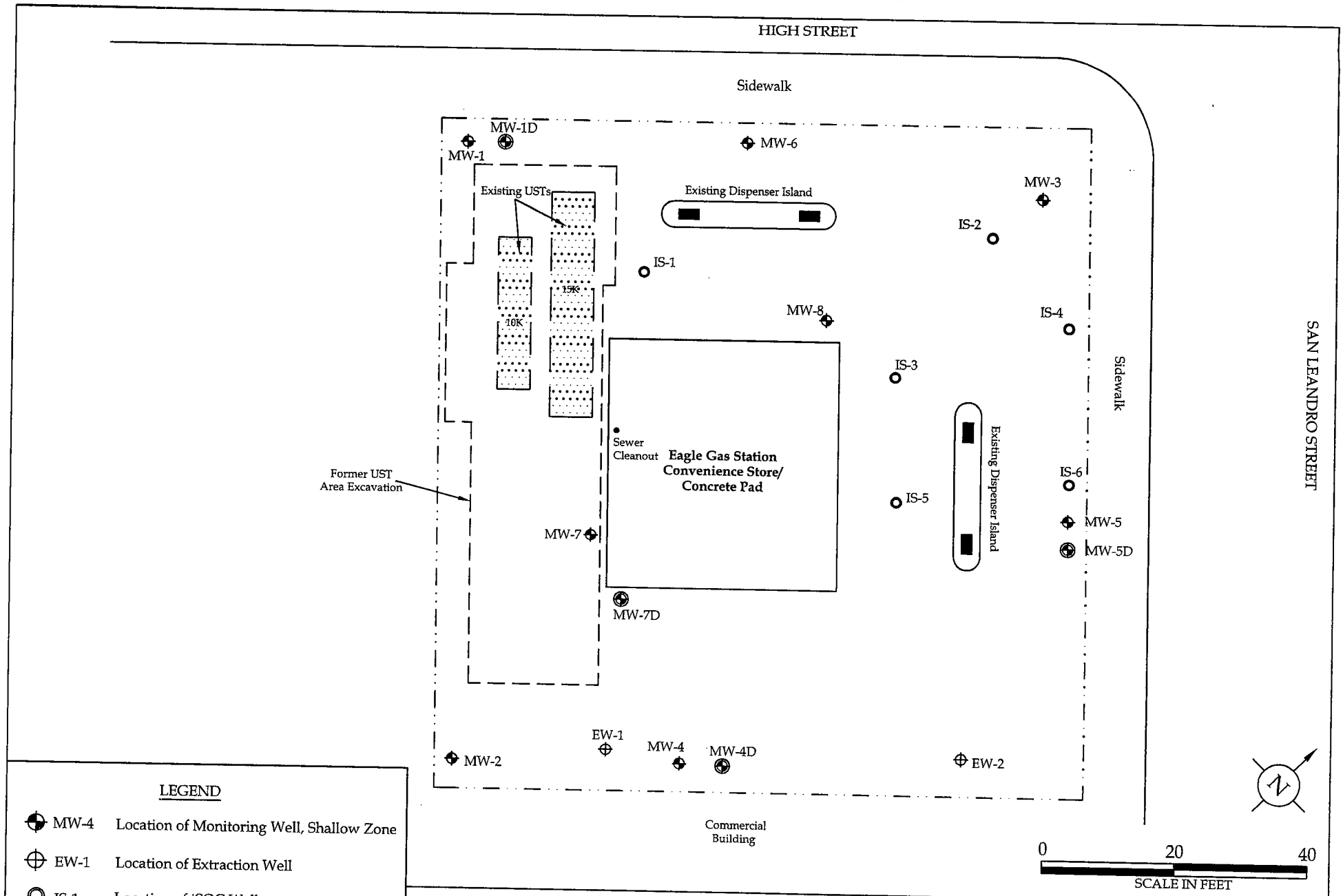
FIGURES



SITE VICINITY MAP
Eagle Gas
4301 San Leandro Street
Oakland, California

CLEARWATER GROUP

Project No.	Figure Date	Figure
ZP046	**1/08**	**1**



LEGEND

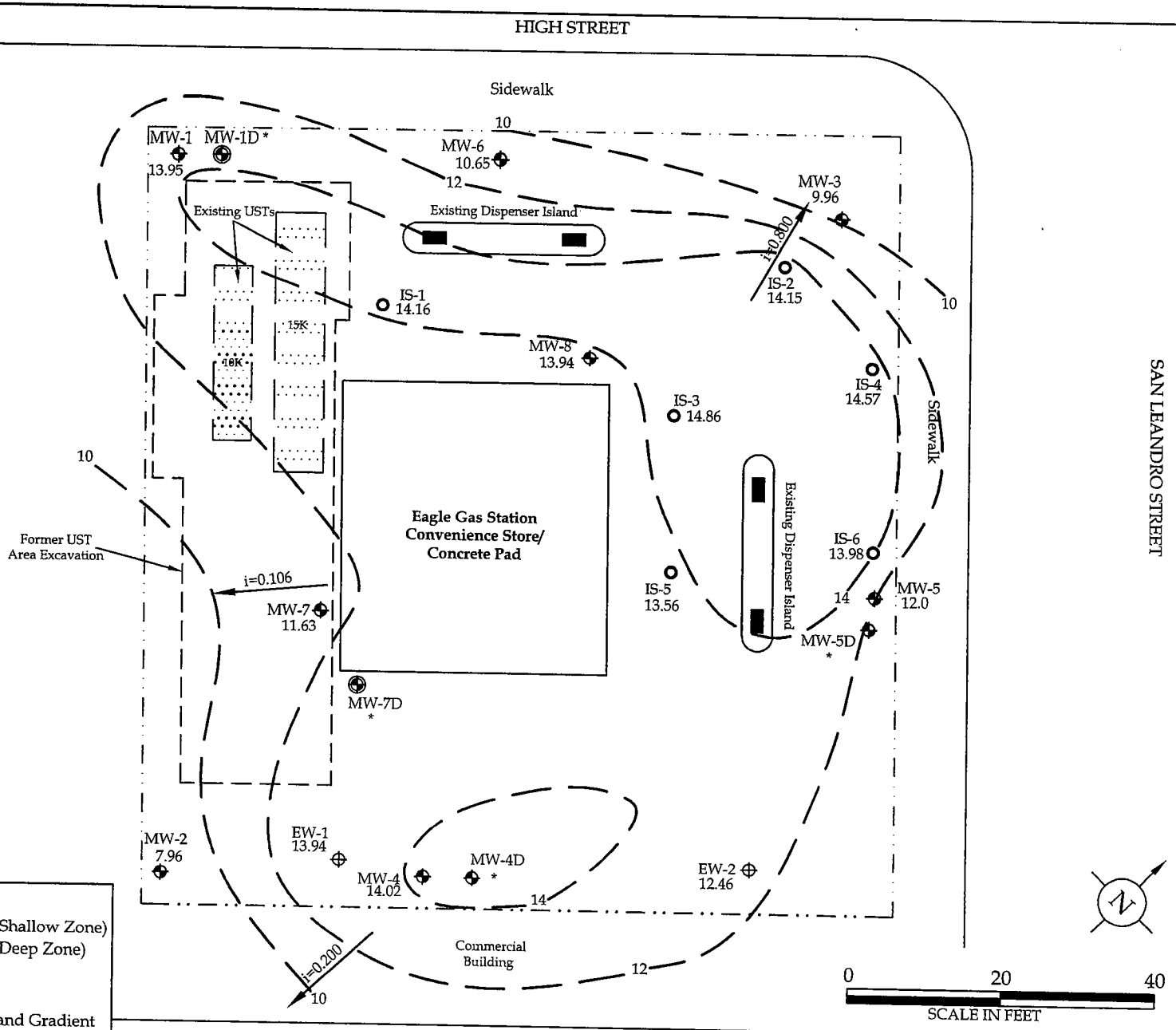
MW-4	Location of Monitoring Well, Shallow Zone
EW-1	Location of Extraction Well
IS-1	Location of iSOC Well
MW-1D	Location of Monitoring Well (Deep Zone)
— · · —	Property Line

Site Plan

Eagle Gas
4301 San Leandro Street
Oakland, California

CLEARWATER GROUP

Project No.	Figure Date	Figure
ZP046	1/08	2



LEGEND

MW-4	Location of Monitoring Well (Shallow Zone)
MW-1D	Location of Monitoring Well (Deep Zone)
EW-1	Location of Extraction Well
IS-1	Location of iSOC Well
i=0.11	Groundwater Flow Direction and Gradient
	Property Line
12.0	Groundwater Elevation Contour
12.04	Groundwater Elevation in Feet Above Mean Sea Level

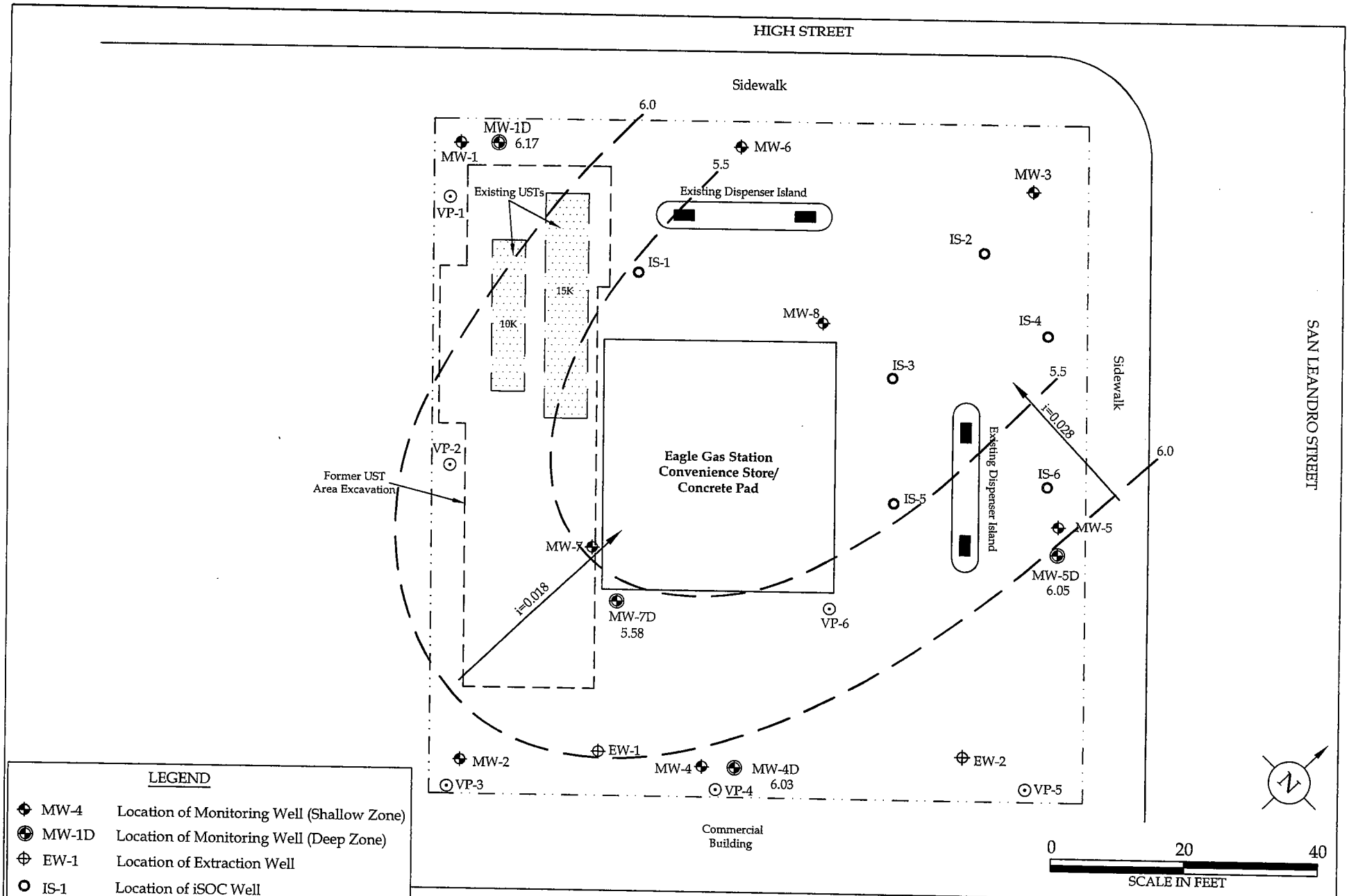
* not included in Contouring

Shallow-Zone Groundwater Elevation Contour Map
February 19, 2008
Eagle Gas
4301 San Leandro Street
Oakland, California

CLEARWATER GROUP

Project No.	Figure Date	Figure
ZP046M	**2/08**	**3**

\\Tagi\Shares\Department\Jobs\ZP046 Eagle Gas\Quarterly Reports\1Q08\Figures\Figure 3 Groundwater Elevation Contour Map

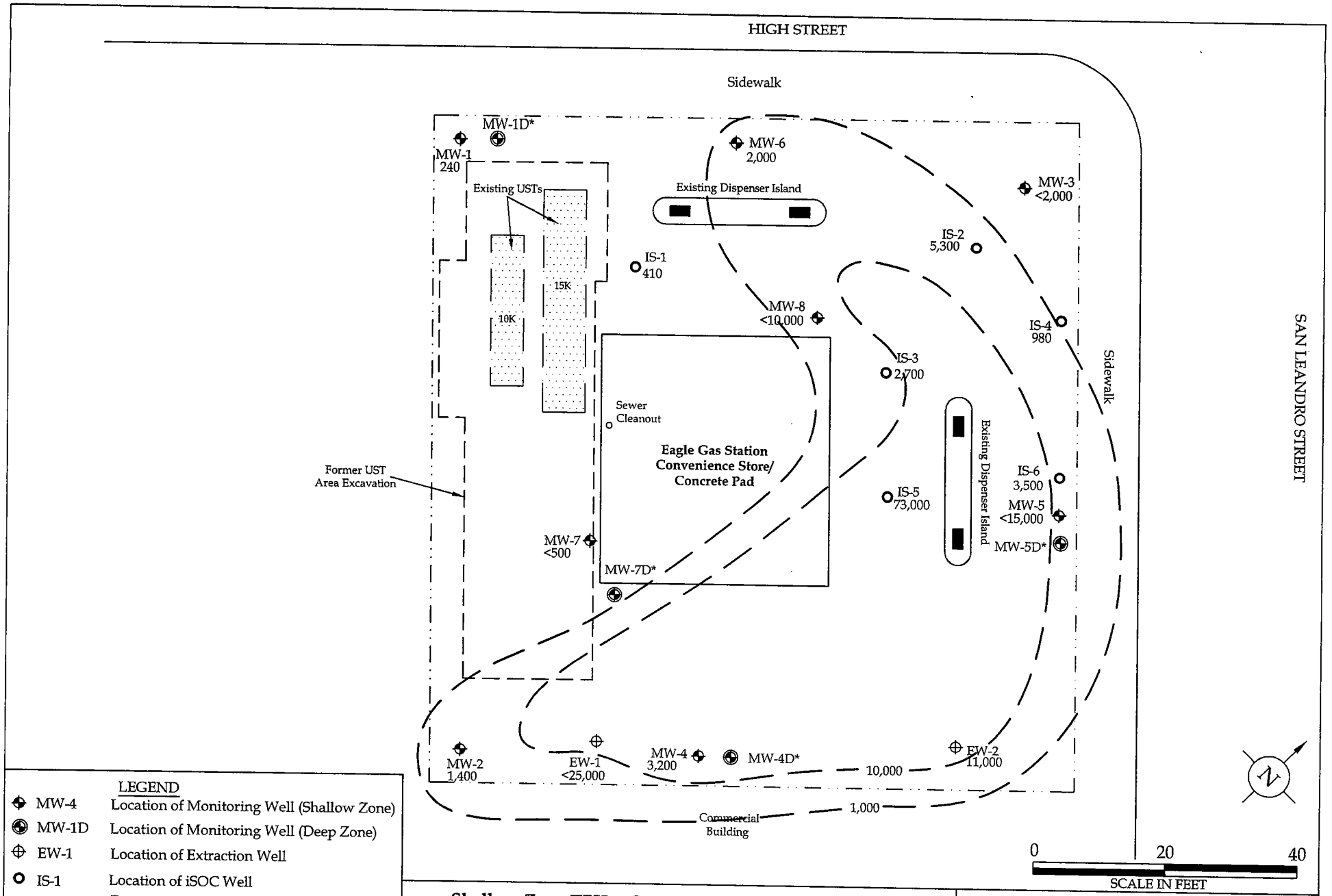


Deep-Zone Groundwater Elevation Contour Map
February 19, 2008
Eagle Gas
4301 San Leandro Street
Oakland, California

CLEARWATER GROUP

Project No.	Figure Date	Figure
ZP046M	**3/08**	**4**

\\Tagi\Shares\Department\Jobs\ZP046 Eagle Gas\Quarterly Reports\1Q08\Figures\Fig 4 Groundwater Elevation Contour Map



LEGEND

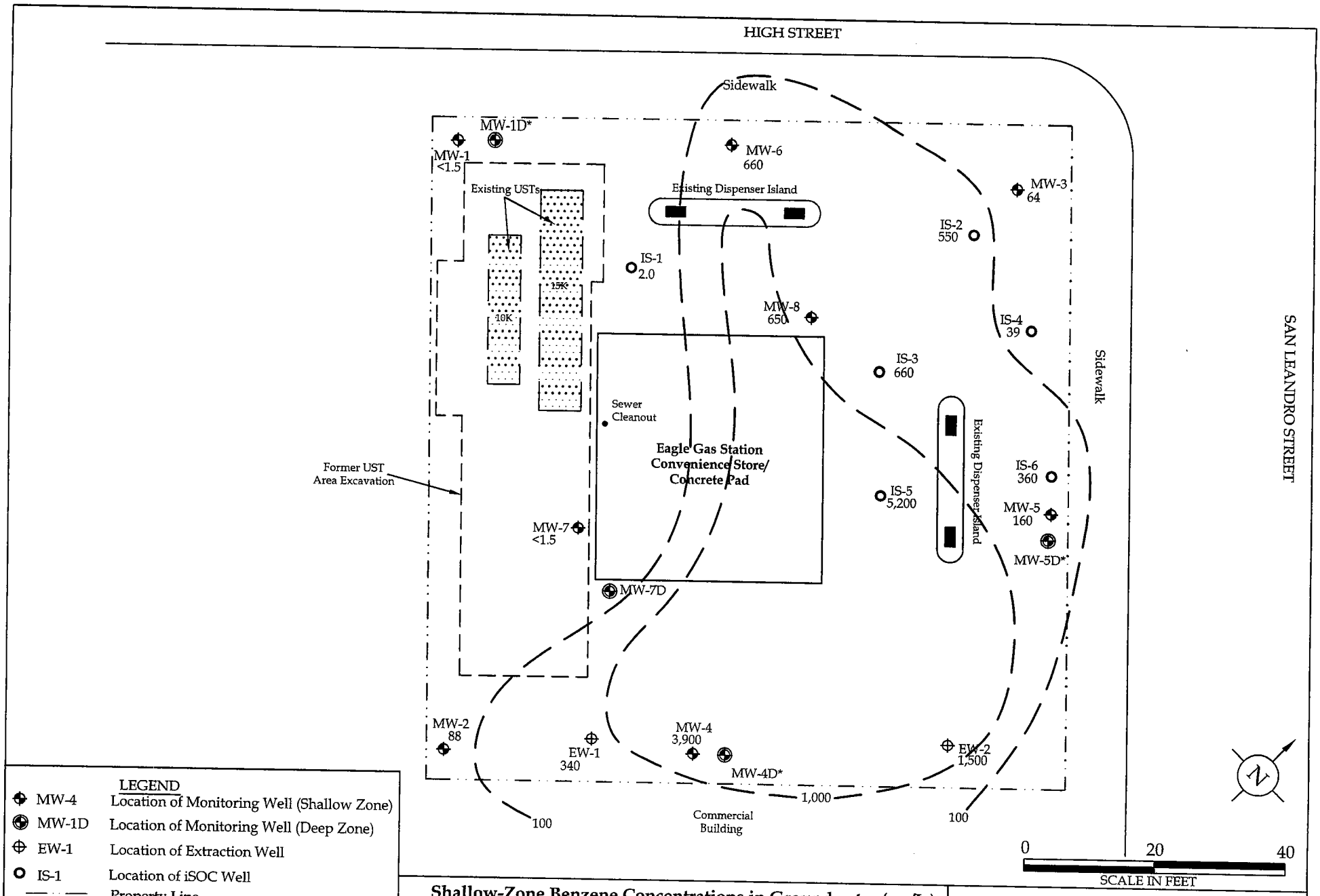
MW-4	Location of Monitoring Well (Shallow Zone)
MW-1D	Location of Monitoring Well (Deep Zone)
EW-1	Location of Extraction Well
IS-1	Location of iSOC Well
	Property Line
10,000	TPH-g Concentration Iso-Contour in Micrograms Per Liter (µg/L)
2,700	TPH-g Concentration in µg/L
*	Not Used in Contouring

Shallow-Zone TPH-g Concentrations in Groundwater (µg/L)
First Quarter 2008 Groundwater Monitoring Event
Eagle Gas
4301 San Leandro Street
Oakland, California

CLEARWATER GROUP

Project No.	Figure Date	Figure
ZP046M	**3/08**	**5**

\\Tagi\Shares\Department\Jobs\ZP046 Eagle Gas\Quarterly Reports\1Q08\Figures\Fig 5 TPH-g Concentration groundwater (ug/L), Shallow Zone



LEGEND

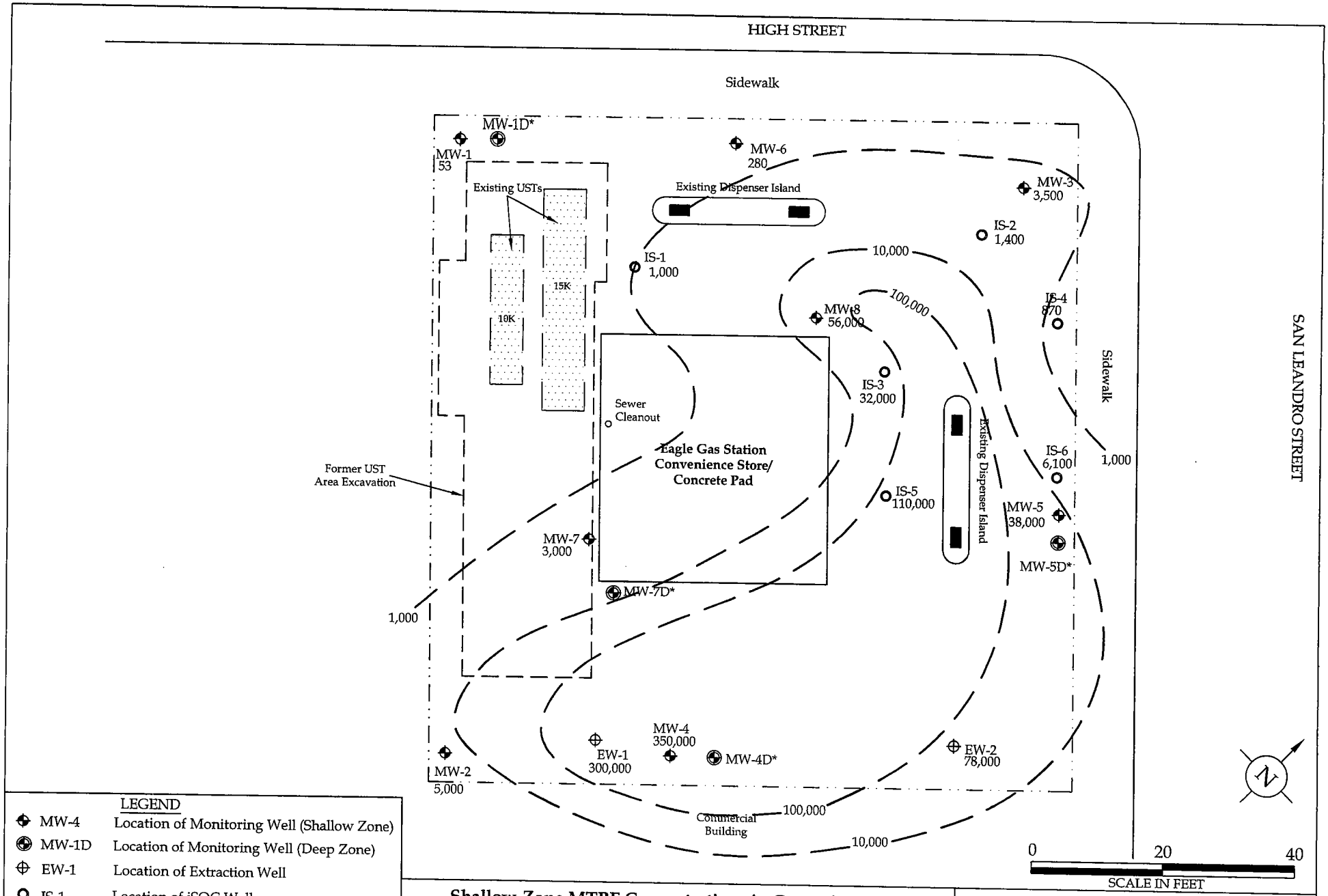
MW-4	Location of Monitoring Well (Shallow Zone)
MW-1D	Location of Monitoring Well (Deep Zone)
EW-1	Location of Extraction Well
IS-1	Location of iSOC Well
	Property Line
1,000	Benzene Concentration Iso-Contour in Micrograms Per Liter (µg/L)
550	Benzene Concentration in µg/L
*	Not Used in Contouring

Shallow-Zone Benzene Concentrations in Groundwater (µg/L)
First Quarter 2008 Groundwater Monitoring Event
Eagle Gas
4301 San Leandro Street
Oakland, California

CLEARWATER GROUP

Project No.	Figure Date	Figure
ZP046M	**3/08**	**6**

\\Tagi\Shares\Department\Jobs\ZP046 Eagle Gas\Quarterly Reports\1Q08\Figures\Fig 6 Benzene Concentration groundwater (ug/L), Shallow Zone

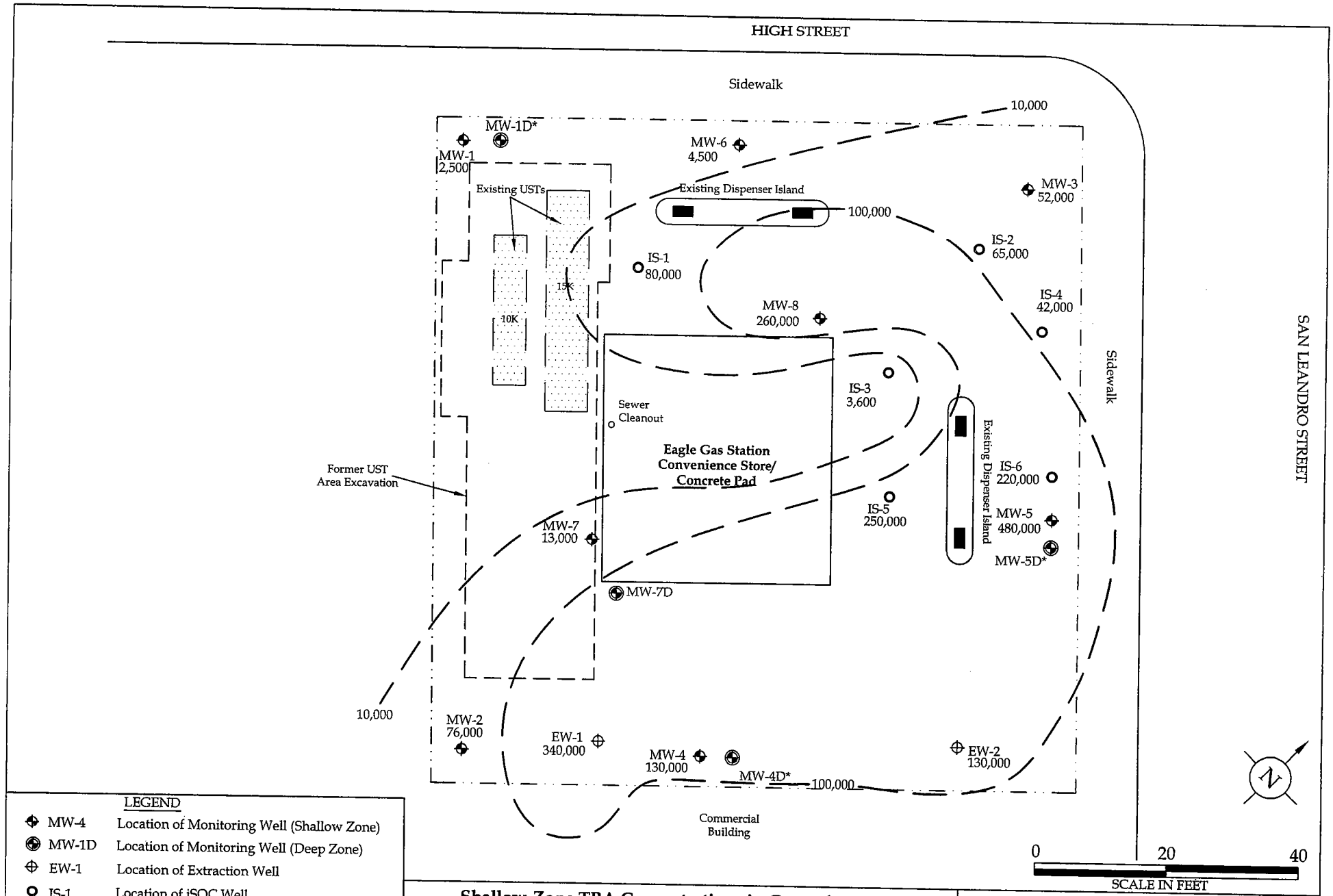


Shallow-Zone MTBE Concentrations in Groundwater (µg/L)
First Quarter 2008 Groundwater Monitoring Event
Eagle Gas
4301 San Leandro Street
Oakland, California

CLEARWATER GROUP

Project No.	Figure Date	Figure
ZP046M	**3/08**	**7**

\\Tagi\Shares\Department\Jobs\ZP046 Eagle Gas\Quarterly Reports\1Q08\Figures\Fig 7 MTBE Concentration Groundwater (ug/L), Shallow Zone



LEGEND

MW-4	Location of Monitoring Well (Shallow Zone)
MW-1D	Location of Monitoring Well (Deep Zone)
EW-1	Location of Extraction Well
IS-1	Location of iSOC Well
— · —	Property Line
100,000	TBA Concentration Iso-Contour in Micrograms Per Liter (µg/L)
65,000	TBA Concentration in µg/L
*	Not Used in Contouring

Shallow-Zone TBA Concentrations in Groundwater (µg/L)
First Quarter 2008 Groundwater Monitoring Event
Eagle Gas
4301 San Leandro Street
Oakland, California

CLEARWATER GROUP

Project No.	Figure Date	Figure
ZP046M	3/08	8

\\Tagi\Shares\Department\Jobs\ZP046 Eagle Gas\Quarterly Reports\1Q08\Figures\Fig 8 TBA Concentration groundwater (ug/L), Shallow Zone

TABLES

TABLE 1
WELL CONSTRUCTION DATA
Eagle Gas
4301 San Leandro Street
Oakland, California
Clearwater Group Project No. ZP046

Well I.D.	Date Installed	Installed by	Borehole Diameter (inches)	Casing Diameter (inches)	Depth of Borehole (feet bgs)	Cement (feet bgs)	Bentonite Seal (feet bgs)	Filter Pack (feet bgs)	Filter Pack Material	Screened Interval (feet bgs)	Slot Size (inches)
MW-1	9/26/2000	Western Hazmat	8	2	25	0-5	5-7	7-25	#2/12 sand	10-25	0.01
MW-1D	10/4/2007	Gregg Drilling	8	2	45	0-31	31-33	33-45	#2/12 sand	35-45	0.01
MW-2	9/26/2000	Western Hazmat	8	2	25	0-5	5-7	7-25	#2/12 sand	10-25	0.01
MW-3	9/26/2000	Western Hazmat	8	2	25	0-5	5-7	7-25	#2/12 sand	10-25	0.01
MW-4	12/19/2005	HEW Drilling	8	2	25	0-5	5-8	8-25	#3 sand	10-25	0.02
MW-4D	12/19/2005	HEW Drilling	8	2	45	0-30	30-33	33-45	#3 sand	35-45	0.02
MW-5	12/15/2005	HEW Drilling	8	2	25	0-5	5-8	8-25	#3 sand	10-25	0.02
MW-5D	12/15/2005	HEW Drilling	8	2	45	0-30	30-33	33-45	#3 sand	35-45	0.02
MW-6	12/20/2005	HEW Drilling	8	2	25	0-5	5-8	8-25	#3 sand	10-25	0.02
MW-7	12/19/2005	HEW Drilling	8	2	25	0-5	5-8	8-25	#3 sand	10-25	0.02
MW-7D	10/4/2007	Gregg Drilling	8	2	45	0-31	31-33	33-45	#2/12 sand	35-45	0.01
MW-8	12/21/2005	HEW Drilling	8	2	25	0-5	5-8	8-25	#3 sand	10-25	0.02
IS-1	12/20/2005	HEW Drilling	8	2	25	0-3	3-6	6-25	#3 sand	10-25	0.02
IS-2	12/20/2005	HEW Drilling	8	2	25	0-3	3-6	6-25	#3 sand	10-25	0.02
IS-3	12/21/2005	HEW Drilling	8	2	25	0-3	3-6	6-25	#3 sand	10-25	0.02
IS-4	12/20/2005	HEW Drilling	8	2	25	0-3	3-6	6-25	#3 sand	10-25	0.02
IS-5	12/21/2005	HEW Drilling	8	2	25	0-3	3-6	6-25	#3 sand	10-25	0.02
IS-6	12/20/2005	HEW Drilling	8	2	25	0-3	3-6	6-25	#3 sand	10-25	0.02
EW-1	12/16/2005	HEW Drilling	8	4	25	0-3	3-6	6-25	#3 sand	10-25	0.02
EW-2	12/16/2005	HEW Drilling	8	4	25	0-3	3-6	6-25	#3 sand	10-25	0.02

Note: All depths and intervals are below ground surface (bgs)

TABLE 2
GROUNDWATER ELEVATIONS
Eagle Gas
4301 San Leandro Street
Oakland, California

Well Name	Measurement Date	TOC in feet AMSL	DTW in feet BTOC	GWE in feet AMSL
ESL (µg/L)				
MW-1	10/3/2000	18.37	8.96	9.41
	10/27/2000	18.37	7.27	11.10
	1/26/2001	18.37	7.60	10.77
	5/8/2001	18.37	7.50	10.87
	8/3/2001	18.37	7.09	11.28
	7/1/2003	18.37	7.59	10.78
	10/1/2003	18.37	8.36	10.01
	2/13/2004	18.37	8.80	9.57
	5/17/2004	18.37	10.92	7.45
	8/6/2004	18.37	7.76	10.61
	11/12/2004	18.37	9.25	9.12
	2/15/2005	18.37	10.12	8.25
	5/9/2005	18.37	9.58	8.79
	8/8/2005**	20.08	10.09	9.99
	11/16/2005	20.08	9.81	10.27
	2/22/2006	20.08	9.58	10.50
	5/16/2006	20.08	6.89	13.19
	8/23/2006	20.08	9.21	10.87
	11/13/2006	20.08	8.55	11.53
	2/13/2007	20.08	7.11	12.97
	5/15/2007	20.08	6.63	13.45
	8/15/2007	20.08	9.61	10.47
	11/13/2007	20.08	13.63	6.45
	2/19/2008	20.08	6.13	13.95
MW-1D	11/13/2007	19.98	15.61	4.37
	11/27/2007	19.98	15.52	4.46
	2/19/2008	19.98	13.81	6.17
MW-2	10/3/2000	20.28	20.26	0.02
	10/27/2000	20.28	13.88	6.40
	1/26/2001	20.28	12.10	8.18
	5/8/2001	20.28	12.05	8.23
	8/3/2001	20.28	13.30	6.98
	7/1/2003	20.28	14.98	5.30

TABLE 2
GROUNDWATER ELEVATIONS
Eagle Gas
4301 San Leandro Street
Oakland, California

Well Name	Measurement Date	TOC in feet AMSL	DTW in feet BTOC	GWE in feet AMSL
ESL (µg/L)				
	10/1/2003	20.28	15.99	4.29
	2/13/2004	20.28	13.88	6.40
	5/17/2004	20.38	14.68	5.70
MW-2 Continued	8/6/2004	20.38	15.36	5.02
	11/12/2004	20.38	15.49	4.89
	2/15/2005	20.38	14.16	6.22
	5/9/2005	20.38	13.62	6.76
	8/8/2005**	22.05	13.36	8.69
	11/16/2005	22.05	14.51	7.54
	2/22/2006	22.05	12.69	9.36
	5/16/2006	22.05	12.01	10.04
	8/23/2006	21.98	11.33	10.65
	11/13/2006	21.98	13.64	8.34
	2/13/2007	21.98	12.78	9.20
	5/16/2007	21.98	13.17	8.81
	8/16/2007	21.98	13.48	8.50
	11/16/2007	21.98	14.11	7.87
	2/19/2008	21.98	14.02	7.96
MW-3	10/3/2000	18.98	NA	NA
	10/27/2000	18.98	18.75	0.23
	1/26/2001	18.98	13.38	5.60
	5/8/2001	18.98	11.82	7.16
	8/3/2001	18.98	13.44	5.54
	7/1/2003	18.98	12.67	6.31
	10/1/2003	18.98	14.04	4.94
	2/13/2004	18.98	12.20	6.78
	5/17/2004	18.98	11.87	7.11
	8/6/2004	18.98	13.07	5.91
	11/12/2004	18.98	12.83	6.15
	2/15/2005	18.98	11.95	7.03
	5/9/2005	18.98	10.51	8.47
	8/8/2005**	20.73	10.98	9.75
	11/16/2005	20.73	12.89	7.84

TABLE 2
GROUNDWATER ELEVATIONS
Eagle Gas
4301 San Leandro Street
Oakland, California

Well Name	Measurement Date	TOC in feet AMSL	DTW in feet BTOC	GWE in feet AMSL
ESL (µg/L)				
	2/22/2006	20.73	10.31	10.42
	5/16/2006	20.73	9.03	11.70
	8/23/2006	20.68	10.81	9.87
	11/13/2006	20.68	12.29	8.39
	2/13/2007	20.68	11.23	9.45
	5/15/2007	20.68	10.39	10.29
MW-3 Continued	8/15/2007	20.68	11.81	8.87
	11/14/2007	20.68	12.26	8.42
	2/19/2008	20.68	10.72	9.96
MW-4	2/22/2006	21.63	7.87	13.76
	5/16/2006	21.63	8.04	13.59
	8/23/2006	21.53	9.77	11.76
	11/13/2006	21.53	8.78	12.75
	2/13/2007	21.53	7.56	13.97
	5/16/2007	21.53	7.97	13.56
	8/16/2007	21.53	9.03	12.50
	11/16/2007	21.53	8.52	13.01
	2/19/2008	21.53	7.51	14.02
MW-4D	2/21/2006	21.54	15.58	5.96
	5/16/2006	21.54	13.23	8.31
	8/23/2006	21.44	15.33	6.11
	11/13/2006	21.44	16.23	5.21
	2/13/2007	21.44	15.73	5.71
	5/15/2007	21.44	15.38	6.06
	8/15/2007	21.44	16.42	5.02
	11/13/2007	21.44	17.21	4.23
	11/27/2007	21.44	15.85	5.59
	2/29/2008	21.44	15.41	6.03
MW-5	2/21/2006	20.48	6.63	13.85
	5/16/2006	20.48	6.62	13.86
	8/23/2006	20.41	7.62	12.79
	11/13/2006	20.41	7.31	13.10
	2/13/2007	20.41	6.54	13.87

TABLE 2
GROUNDWATER ELEVATIONS
Eagle Gas
4301 San Leandro Street
Oakland, California

Well Name	Measurement Date	TOC in feet AMSL	DTW in feet BTOC	GWE in feet AMSL
ESL (µg/L)				
	5/16/2007	20.41	6.79	13.62
	8/16/2007	20.41	7.99	12.42
	11/16/2007	20.41	7.51	12.90
	2/19/2008	20.41	8.41	12.00
MW-5D	2/21/2006	20.32	13.68	6.64
	5/16/2006	20.32	12.72	7.60
	8/23/2006	20.22	14.48	5.74
	11/13/2006	20.22	14.98	5.24
	2/13/2007	20.22	14.48	5.74
MW-5 Continued	5/15/2007	20.22	14.13	6.09
	8/15/2007	20.22	15.21	5.01
	11/13/2007	20.22	15.94	4.28
	11/27/2007	20.22	15.85	4.37
	2/19/2008	20.22	14.17	6.05
MW-6	2/22/2006	20.45	9.88	10.57
	5/16/2006	20.45	9.35	11.10
	8/23/2006	20.47	10.48	9.99
	11/13/2006	20.47	10.86	9.61
	2/13/2007	20.47	10.31	10.16
	5/15/2007	20.47	10.35	10.12
	8/15/2007	20.47	10.74	9.73
	11/14/2007	20.47	10.91	9.56
	2/19/2008	20.47	9.82	10.65
MW-7	2/22/2006	21.13	11.72	9.41
	5/16/2006	21.13	8.72	12.41
	8/23/2006	21.14	11.34	9.80
	11/13/2006	21.14	12.53	8.61
	2/13/2007	21.14	11.83	9.31
	5/15/2007	21.14	10.99	10.15
	8/15/2007	21.14	12.41	8.73
	11/14/2007	21.14	13.41	7.73
	2/19/2008	21.14	9.51	11.63
MW-7D	11/13/2007	21.36	19.21	2.15

TABLE 2
GROUNDWATER ELEVATIONS
Eagle Gas
4301 San Leandro Street
Oakland, California

Well Name	Measurement Date	TOC in feet AMSL	DTW in feet BTOC	GWE in feet AMSL
ESL (µg/L)				
	11/27/2007	21.36	17.02	4.34
	2/19/2008	21.36	15.78	5.58
MW-8	2/22/2006	21.03	7.28	13.75
	5/16/2006	21.03	7.48	13.55
	8/23/2006	20.95	8.19	12.76
	11/13/2006	20.95	8.15	12.80
	2/13/2007	20.95	6.58	14.37
	5/16/2007	20.95	7.24	13.71
	8/16/2007	20.95	8.61	12.34
	11/16/2007	20.95	8.21	12.74
	2/19/2008	20.95	7.01	13.94
IS-1	2/22/2006	20.57	6.91	13.66
IS-1 Continued	5/16/2006	20.57	7.01	13.56
	8/23/2006	20.58	7.82	12.76
	11/13/2006	20.58	8.21	12.37
	2/13/2007	20.58	6.14	14.44
	5/15/2007	20.58	7.04	13.54
	8/15/2007	20.58	8.06	12.52
	11/13/2007	20.58	7.61	12.97
	2/19/2008	20.58	6.42	14.16
IS-2	2/22/2006	20.87	6.92	13.95
	5/16/2006	20.87	6.99	13.88
	8/23/2006	20.78	7.91	12.87
	11/13/2006	20.78	8.23	12.55
	2/13/2007	20.78	6.76	14.02
	5/15/2007	20.78	6.87	13.91
	8/15/2007	20.78	8.08	12.70
	11/14/2007	20.78	7.69	13.09
	2/19/2008	20.78	6.63	14.15
IS-3	2/22/2006	20.99	7.32	13.67
	5/16/2006	20.99	7.86	13.13
	8/23/2006	20.87	8.19	12.68
	11/13/2006	20.87	8.03	12.84

TABLE 2
GROUNDWATER ELEVATIONS
Eagle Gas
4301 San Leandro Street
Oakland, California

Well Name	Measurement Date	TOC in feet AMSL	DTW in feet BTOC	GWE in feet AMSL
ESL (µg/L)				
	2/13/2007	20.87	7.03	13.84
	5/16/2007	20.87	7.17	13.70
	8/15/2007	20.87	8.43	12.44
	11/14/2007	20.87	7.93	12.94
	2/19/2008	20.87	6.01	14.86
IS-4	2/22/2006	20.79	6.95	13.84
	5/16/2006	20.79	7.17	13.62
	8/23/2006	20.68	7.83	12.85
	11/13/2006	20.68	8.46	12.22
	2/13/2007	20.68	9.02	11.66
	5/15/2007	20.68	6.99	13.69
	8/15/2007	20.68	8.05	12.63
	11/14/2007	20.68	6.38	14.30
	2/19/2008	20.68	6.11	14.57
IS-5	2/22/2006	21.02	7.17	13.85
IS-5 Continued	5/16/2006	21.02	6.81	14.21
	8/23/2006	20.91	8.12	12.79
	11/13/2006	20.91	8.41	12.50
	2/13/2007	20.91	6.78	14.13
	5/16/2007	20.91	7.15	13.76
	8/15/2007	20.91	8.32	12.59
	11/16/2007	20.91	7.71	13.20
	2/19/2008	20.91	7.35	13.56
IS-6	2/22/2006	20.56	6.89	13.67
	5/16/2006	20.56	6.44	14.12
	8/23/2006	20.47	7.69	12.78
	11/13/2006	20.47	7.72	12.75
	2/13/2007	20.47	6.12	14.35
	5/16/2007	20.47	6.67	13.80
	8/15/2007	20.47	7.91	12.56
	11/14/2007	20.47	7.22	13.25
	2/19/2008	20.47	6.49	13.98
EW-1	2/22/2006	21.74	8.06	13.68

TABLE 2
GROUNDWATER ELEVATIONS
Eagle Gas
4301 San Leandro Street
Oakland, California

Well Name	Measurement Date	TOC in feet AMSL	DTW in feet BTOC	GWE in feet AMSL
ESL (µg/L)				
	5/16/2006	21.74	7.97	13.77
	8/23/2006	21.65	9.61	12.04
	11/13/2006	21.65	8.78	12.87
	2/13/2007	21.65	6.31	15.34
	5/16/2007	21.65	8.13	13.52
	8/16/2007	21.65	8.71	12.94
	11/16/2007	21.65	8.70	12.95
	2/19/2008	21.65	7.71	13.94
EW-2	2/22/2006	20.46	7.31	13.15
	5/16/2006	20.46	7.25	13.21
	8/23/2006	20.37	8.31	12.06
	11/13/2006	20.37	8.18	12.19
	2/13/2007	20.37	7.15	13.22
	5/16/2007	20.37	7.74	12.63
	8/16/2007	20.37	9.45	10.92
	11/16/2007	20.37	9.64	10.73
	2/19/2008	20.37	7.91	12.46

Notes:

TOC	Top-of-well casing referenced to arbitrary datum prior to 3Q2005
DTW	Depth to water
AMSL	Above mean sea level
BTOC	Below top of casing
GWE	Groundwater elevation measured in feet above mean sea level
NA	Not Available
**	Wells re-surveyed on 3/28/2005.

TABLE 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Eagle Gas
4301 San Leandro Street
Oakland, California

Sample Name	Sample Date	TPH-d (µg/L)	TPH-g (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	DCA (µg/L)	EDB (µg/L)
ESL (µg/L)		640	500	46	130	290	100	1,800	--	--	--	18,000	--	50,000	200	150
MW-1	10/3/2000	460	93,000	<500	<500	<500	<500	130,000	<10,000	<10,000	<10,000	<2,000	---	---	---	---
	10/27/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1/26/2001	1,600*	51,000	270	<100	<100	<100	77,000	<5,000	<5,000	<5,000	<20,000	---	---	---	---
	5/8/2001	470*	36,000*	<100	<100	<100	<100	15,000	<5,000	<5,000	<5,000	<20,000	---	---	---	---
	8/3/2001	2,200*	19,000*	<50	59	<50	<50	96,000	<5,000	<5,000	<5,000	<20,000	---	---	---	---
	7/1/2003	3,000	<25,000	<250	<250	<250	<250	170,000	<250	<250	980	8,700	---	---	---	---
	10/1/2003	2,600	<20,000	<200	<200	<200	<200	69,000	<200	<200	270	15,000	---	---	---	---
	2/13/2004	1,800	<10,000	<100	<100	<100	<100	85,000	<100	<100	390	79,000	---	---	---	---
	5/17/2004	5,400	<15,000	<150	<150	<150	<150	60,000	<150	<150	260	160,000	---	---	---	---
	8/6/2004	510	<10,000	<100	<100	<100	<100	26,000	<100	<100	100	250,000	---	---	---	---
	11/12/2004	3,500	<5,000	<50	<50	<50	<50	25,000	<50	<50	150	160,000	---	---	---	---
	2/15/2005	2,900	<5,000	<50	<50	<50	<50	12,000	<50	<50	70	160,000	---	---	---	---
	5/9/2005	1,700	<5,000	<50	<50	<50	<50	11,000	<50	<50	53	200,000	---	---	---	---
	8/8/2005**	2,000	<5,000	<50	<50	<50	<50	8,500	<50	<50	<50	250,000	---	---	---	---
	11/16/2005	3,600	<5,000	<50	<50	<50	<50	3,800	<50	<50	<50	140,000	<5,000	<500	<50	<50
	2/22/2006	2,600	<5,000	<50	<50	<50	<50	5,800	<50	<50	<50	120,000	<5,000	<500	<50	<50
	5/16/2006	4,700	<5,000	<50	<50	<50	<50	3,700	<50	<50	<50	150,000	<5,000	<500	<50	<50
	8/23/2006	2,000	<5,000	<50	<50	<50	<50	3,700	<50	<50	<50	110,000	<5,000	<500	<50	<50
	11/13/2006	NA	<4,000	<40	<40	<40	<40	2,000	<40	<40	<40	79,000	NA	NA	NA	NA
	2/13/2007	900	<2,500	<25	<25	<25	<25	3,700	<25	<25	25	63,000	NA	NA	NA	NA
	5/15/2007	3,000	<2,500	<25	<25	<25	<25	1,100	<25	<25	<25	52,000	NA	NA	NA	NA
	8/15/2007	1,000	<1,000	<10	<10	<10	<10	230	<10	<10	<10	34,000	NA	NA	NA	NA
	11/13/2007	170	<150	<1.5	<1.5	<1.5	<1.5	630	<1.5	<1.5	3.1	200	NA	NA	NA	NA
	2/19/2008	**1,800**	**240**	<1.5	<1.5	**1.7**	**18**	**53**	<1.5	<1.5	<1.5	**2,500**	NA	NA	NA	NA
MW-1D	11/13/2007	140	71	<0.50	<0.50	<0.50	<0.50	600	<0.50	<0.50	3.4	550	<50	<5.0	<0.50	<0.50
	11/27/2007	No groundwater samples collected														
	2/19/2008	**180**	<50	<0.50	<0.50	<0.50	<0.50	**1.5**	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
MW-2	10/3/2000	210	250,000	<1,250	<1,250	<1,250	<1,250	400,000	<25,000	<25,000	<25,000	<100,000	---	---	---	---
	10/27/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1/26/2001	6,000*	740,000	3,800	<500	940	1,600	1,000,000	<50,000	<50,000	<50,000	<200,000	---	---	---	---
	5/8/2001	2,100*	140,000	2,800	<250	780	640	840,000	<50,000	<50,000	<50,000	<200,000	---	---	---	---
	8/3/2001	2,600*	42,000*	1,100	63	230	130	880,000	<25,000	<25,000	<25,000	<100,000	---	---	---	---
	7/1/2003	2,200	<200,000	<2,000	<2,000	<2,000	<2,000	790,000	<2,000	<2,000	3,400	<20,000	---	---	---	---
	10/1/2003	870	<100,000	<1,000	<1,000	<1,000	<1,000	620,000	<1,000	<1,000	2,700	<20,000	---	---	---	---

TABLE 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Eagle Gas
4301 San Leandro Street
Oakland, California

Sample Name	Sample Date	TPH-d (µg/L)	TPH-g (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	DCA (µg/L)	EDB (µg/L)
ESL (µg/L)		640	500	46	130	290	100	1,800	--	--	--	18,000	--	50,000	200	150
con'd	2/13/2004	1,200	<20,000	860	<200	260	<200	710,000	<200	<200	2,000	<25,000	---	---	---	---
MW-2	5/17/2004	2,500	<50000	860	<500	<500	<500	760,000	<500	<500	2,500	13,000J	---	---	---	---
	8/6/2004	2,500	<50000	590	<500	<500	<500	810,000	<500	<500	3,600	17,000J	---	---	---	---
	11/12/2004	500	<150,000	<1500	<1500	<1500	<1500	700,000	<1500	<1500	2,800	25,000J	---	---	---	---
	2/15/2005	990	<150,000	<1,500	<1,500	<1,500	<1,500	630,000	<1,500	<1,500	2,600	32,000	---	---	---	---
	5/9/2005	1,100	<150,000	<1,500	<1,500	<1,500	<1,500	570,000	<1,500	<1,500	2,300	32,000	---	---	---	---
	8/8/2005**	770	<150,000	<1,500	<1,500	<1,500	<1,500	770,000	<1,500	<1,500	2,200	85,000	---	---	---	---
	11/16/2005	890	<70,000	<700	<700	<700	<700	430,000	<700	<700	2,100	130,000	<100,000	<7,000	<700	<700
	2/22/2006	<1,500	<70,000	800	<700	<700	<700	400,000	<700	<700	1,700	130,000	<70,000	<7,000	<700	<700
	5/16/2006	1,100	<70,000	<700	<700	<700	<700	250,000	<700	<700	940	140,000	<70,000	<7,000	<700	<700
	8/23/2006	660	<40,000	<400	<400	<400	<400	200,000	<400	<400	830	170,000	<40,000	<4,000	<400	<400
	11/13/2006	NA	<40,000	<400	<400	<400	<400	140,000	<400	<400	490	170,000	NA	NA	NA	NA
	2/13/2007	780	<20,000	250	<200	<200	<200	100,000	<200	<200	240	130,000	NA	NA	NA	NA
	5/16/2007	800	<7,000	150	<70	<70	<70	44,000	<70	<70	120	130,000	NA	NA	NA	NA
	8/16/2007	610	<5,000	100	<50	<50	<50	21,000	<50	<50	<80++	100,000	NA	NA	NA	NA
	11/16/2007	480	<4,000	**140**	<40	<40	<40	**10,000**	<40	<40	<40	100,000	NA	NA	NA	NA
	2/19/2008	**2,600**	**1,400**	**88**	**0.96**	**4.4**	**4.4**	**5,000**	<0.50	**4.6**	**14**	**76,000**	NA	NA	NA	NA
MW-3	10/3/2000	120	83,000	<500	<500	<500	<500	33,000	<2,500	<2,500	<2,500	<10,000	---	---	---	---
	10/27/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	1/26/2001	900*	230,000	930	<500	<500	<500	330,000	<25,000	<25,000	<25,000	<100,000	---	---	---	---
	5/8/2001	1,100*	95,000	840	<250	<250	<250	390,000	<12,500	<12,500	<12,500	<50,000	---	---	---	---
	8/3/2001	290*	30,000*	<50	51	<50	<50	270,000	<12,500	<12,500	<12,500	<50,000	---	---	---	---
	7/1/2003	620	<50,000	<500	<500	<500	<500	230,000	<500	<500	1,800	<5,000	---	---	---	---
	10/1/2003	370	<20,000	<200	<200	<200	<200	120,000	<200	<200	1,200	<5,000	---	---	---	---
	2/13/2004	430	<20,000	280	<200	<200	<200	210,000	<200	<200	1,200	<5,000	---	---	---	---
	5/17/2004	920	<25,000	<250	<250	<250	<250	150,000	<250	<250	1,100	5,600J	---	---	---	---
	8/6/2004	78	<20,000	<200	<200	<200	<200	110,000	<200	<200	760	<2,500	---	---	---	---
	11/12/2004	120	<20,000	<200	<200	<200	<200	100,000	<200	<200	660	6,000	---	---	---	---
	2/15/2005	130	<25,000	<250	<250	<250	<250	110,000	<250	<250	760	12,000	---	---	---	---
	5/9/2005	320	<15,000	<150	<150	<150	<150	97,000	<150	<150	780	30,000	---	---	---	---
	8/8/2005**	180	<15,000	<150	<150	<150	<150	75,000	<150	<150	500	44,000	---	---	---	---
	11/16/2005	<200	<5,000	<50	<50	<50	<50	37,000	<50	<50	190	38,000	<5,000	<500	<50	<50
	2/22/2006	<600	<5,000	88	<50	<50	<50	57,000	<50	<50	420	65,000	<9,000	<500	<50	<50
	5/16/2006	<600^	<9,000	110	<90	<90	<90	42,000	<90	<90	340	68,000	<9,000	<900	<90	<90

TABLE 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Eagle Gas
4301 San Leandro Street
Oakland, California

Sample Name	Sample Date	TPH-d (µg/L)	TPH-g (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	DCA (µg/L)	EDB (µg/L)
ESL (µg/L)		640	500	46	130	290	100	1,800	--	--	--	18,000	--	50,000	200	150
con'd	8/23/2006	<200^	<4,000	<40	<40	<40	<40	18,000	<40	<40	120	60,000	<4,000	<400	<40	<40
MW-3	11/13/2006	NA	<2,000	<20	<20	<20	<20	6,100	<20	<20	30	54,000	NA	NA	NA	NA
	2/13/2007	<200^	<4,000	52	<40	<40	<40	13,000	<40	<40	82	65,000	NA	NA	NA	NA
	5/15/2007	<300^	<4,000	67	<40	<40	<40	12,000	<40	<40	77	71,000	NA	NA	NA	NA
	8/15/2007	<200^	<4,000	42	<40	<40	<40	4,500	<40	<40	<40	64,000	NA	NA	NA	NA
	11/14/2007	<100	<2,000	27	<20	<20	<20	3,300	25	<20	<20	49,000	NA	NA	NA	NA
	2/19/2008	<300	<2,000	**64**	<20	<20	<20	**3,500**	<20	<20	**31**	**52,000**	NA	NA	NA	NA
MW-4	2/22/2006	<8,000	<150,000	3,200	2,000	1,600	3,800	770,000	<1,500	<1,500	3,300	59,000	<150,000	<15,000	<1,500	<1,500
	5/16/2006	3,800	<70,000	2,100	<700	930	1,500	410,000	<700	<700	2,500	110,000	<70,000	<7,000	<700	<700
	8/23/2006	8,400	89,000	4,500	<700	2,100	2,800	870,000	<700	<700	4,000	89,000	<70,000	<7,000	<700	<700
	11/13/2006	NA	<150,000	3,700	<1,500	<1,500	2,400	950,000	<1,500	<1,500	4,000	110,000	NA	NA	NA	NA
	2/13/2007	2,000	<150,000	2,000	<1,500	<1,500	<1,500	640,000	<1,500	<1,500	2,900	130,000	NA	NA	NA	NA
	5/16/2007	1,900 ^^	<70,000	3,200	<700	1,000	940	430,000	<700	<700	2,300	160,000	NA	NA	NA	NA
	8/16/2007	4,400	<150,000	2,400	<1,500	<1,500	<1,500	630,000	<1,500	<1,500	4,300	130,000	NA	NA	NA	NA
	11/16/2007	2,200	<70,000	4,900	<700	1,000	<700	620,000	<700	<700	3,600	150,000	NA	NA	NA	NA
	2/19/2008	**3,200**	<70,000	**3,900**	<700	1,400	<1,500	**350,000**	<700	<700	**2,100**	**130,000**	<70,000	<7.000		
MW-4D	2/21/2006	<50	<90	<0.90	<0.90	<0.90	<0.90	440	<0.90	<0.90	2	<5.0	<90	<9.0	<0.90	<0.90
	5/16/2006	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	<0.50	<0.50
	8/23/2006	<50	<50	<0.50	<0.50	<0.50	<0.50	1	<0.50	<0.50	<0.50	<5.0	93	8	<0.50	<0.50
	11/13/2006	NA	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
	2/13/2007	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
	5/15/2007	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
	8/15/2007	130 ^^	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
	11/13/2007	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
	11/27/2007	No groundwater samples collected														
	2/29/2008	**170**	<50	<0.50	<0.50	<0.50	<1.0	**0.64**	<0.50	<0.50	<0.50	<5.0	<50	<5.0		
MW-5	2/21/2006	<3,000	<10,000	460	<100	170	<100	480,000	<100	<100	3,000	95,000	<90,000	<1,000	<100	<100
	5/16/2006	1,600	<90,000	<900	<900	<900	<900	480,000	<900	<900	2,300	130,000	<90,000	<9,000	<900	<900
	8/23/2006	1,400	<90,000	<900	<900	<900	<900	510,000	<900	<900	2,400	270,000	<90,000	<9,000	<900	<900
	11/13/2006	NA	<90,000	<900	<900	<900	<900	430,000	<900	<900	2,200	350,000	NA	NA	NA	NA
	2/13/2007	1,000	<50,000	<500	<500	<500	<500	260,000	<500	<500	740	350,000	NA	NA	NA	NA
	5/16/2007	2,200 ^^	<15,000	650	<150	<150	<150	73,000	<150	<150	610	240,000	NA	NA	NA	NA
	8/16/2007	950	<25,000	<250	<250	<250	<250	130,000	<250	<250	550	620,000	NA	NA	NA	NA
	11/16/2007	800	<15,000	<150	<150	<150	<150	92,000	<150	<150	250	300,000	NA	NA	NA	NA

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Eagle Gas
4301 San Leandro Street
Oakland, California

Sample Name	Sample Date	TPH-d (µg/L)	TPH-g (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	DCA (µg/L)	EDB (µg/L)
ESL (µg/L)		640	500	46	130	290	100	1,800	--	--	--	18,000	--	50,000	200	150
MW-5	2/19/2008	**3,400**	<15000	**160**	<150	<150	<150	**38,000**	<150	<150	<150	**480,000**	NA	NA	NA	NA
MW-5D	2/21/2006	<50	<50	<0.50	<0.50	<0.50	<0.50	8	<0.50	<0.50	<0.50	6	<50	<5.0	<0.50	<0.50
	5/16/2006	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<50	<5.0	<0.50	<0.50
	8/23/2006	<50	<50	<0.50	<0.50	<0.50	<0.50	56	<0.50	<0.50	<0.50	<5.0	120	6	<0.50	<0.50
	11/13/2006	NA	<50	<0.50	<0.50	<0.50	<0.50	81	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
	2/13/2007	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
	5/15/2007	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
	8/15/2007	330 ^^	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA
	11/13/2007	3,700	51	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA
	11/27/2007	No groundwater samples collected														
	2/19/2008	**12,000**	<50	<0.50	<0.50	<0.50	<0.50	**190**	<0.50	<0.50	**0.83**	**36**	NA	NA	NA	NA
MW-6	2/22/2006	2,900	<10,000	620	<100	<100	<100	50,000	<100	<100	210	24,000	<10,000	<1,000	<100	<100
	5/16/2006	3,200	<9,000	1,500	<90	<90	<90	50,000	<90	<90	280	27,000	<10,000	<900	<90	<90
	8/23/2006	3,400	<9,000	1,600	<90	<90	<90	39,000	<90	<90	190	55,000	<9,000 ++	<900	<90	<90
	11/13/2006	NA	<5,000	1,200	<50	<50	<50	17,000	<50	<50	66	71,000	NA	NA	NA	NA
	2/13/2007	2,400	4,900	1,800	<25	<25	<25	14,000	<25	<25	65	55,000	NA	NA	NA	NA
	5/15/2007	2,600	4,900	1,900	21	<20	<20	12,000	<20	<20	55	60,000	NA	NA	NA	NA
	8/15/2007	2,900	4,000	1,300	<20	<20	<20	7,000	<20	<20	32	69,000	NA	NA	NA	NA
	11/14/2007	2,400	5,400	2,000	<20	<20	<20	3,300	<20	<20	<20	63,000	NA	NA	NA	NA
	2/19/2008	**2,300**	**2,000**	**660**	**6.7**	<1.5	**4.6**	**280**	<1.5	<1.5	**1.7**	**4,500**	NA	NA	NA	NA
MW-7	2/22/2006	400	<10,000	<100	<100	<100	<100	88,000	<100	<100	430	90,000	<10,000	<1,000	<100	<100
	5/16/2006	340	<5,000	<50	<50	<50	<50	28,000	<50	<50	120	47,000	<5,000	<500	<50	<50
	8/23/2006	280	<9,000	<90	<90	<90	<90	62,000	<90	<90	280	160,000	<18,000 ++	<900	<90	<90
	11/13/2006	NA	<9,000	<90	<90	<90	<90	49,000	<90	<90	280	130,000	NA	NA	NA	NA
	2/13/2007	210	<7,000	<70	<70	<70	<70	33,000	<70	<70	170	130,000	NA	NA	NA	NA
	5/15/2007	250	<5,000	<50	<50	<50	<50	36,000	<50	<50	190	140,000	NA	NA	NA	NA
	8/15/2007	390	<9,000	<90	<90	<90	<90	37,000	<90	<90	170	160,000	NA	NA	NA	NA
	11/14/2007	310	<9,000	<90	<90	<90	<90	45,000	<90	<90	220	150,000	NA	NA	NA	NA
	2/19/2008	**190**	<500	<5.0	<5.0	<5.0	<5.0	**3,000**	<5.0	<5.0	**15**	**13,000**	NA	NA	NA	NA
MW-7D	11/13/2007	760	<150	<1.5	<1.5	<1.5	<1.5	760	<1.5	<1.5	5.3	7.7J	<150	31	<1.5	<1.5
	11/27/2007	No groundwater samples collected														
	2/19/2008	**280**	<150	<1.5	<1.5	<1.5	**2.4**	**1,000**	<1.5	<1.5	**7.5**	**17J**	NA	NA	NA	NA
MW-8	2/22/2006	6,800	<10,000	1,200	<100	270	220	400,000	<100	<100	2,100	63,000	<300,000	<1,000	<100	<100
	5/16/2006	3,800	<90,000	1,600	<900	<900	<900	620,000	<900	<900	3,000	46,000	<90,000	<9,000	<900	<900

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Oakland, California

Sample Name	Sample Date	TPH-d (µg/L)	TPH-g (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	DCA (µg/L)	EDB (µg/L)
ESL (µg/L)		640	500	46	130	290	100	1,800	--	--	--	18,000	--	50,000	200	150
con'd	8/23/2006	17,000	<90,000	940	<900	<900	<900	340,000	<900	<900	1,200	74,000	<90,000	<9,000	<900	<900
MW-8	11/13/2006	NA	<25,000	490	<250	<250	<250	120,000	<250	<250	360	130,000	NA	NA	NA	NA
	2/13/2007	4,100	<90,000	1,700	<900	<900	<900	410,000	<900	<900	1,700	160,000	NA	NA	NA	NA
	5/16/2007	3,300	<50,000	650	<500	<500	<500	190,000	<500	<500	750	170,000	NA	NA	NA	NA
	8/16/2007	4,400	<25,000	420	<250	<250	<250	150,000	<250	<250	460	210,000	NA	NA	NA	NA
	11/16/2007	89,000	<25,000	<250	<250	<250	<250	120,000	<250	<250	<250	250,000	NA	NA	NA	NA
	2/19/2008	**120,000**	<10000	**650**	<100	<100	**160**	**56,000**	<100	<100	**210**	**260,000**	NA	NA	NA	NA
IS-1	2/22/2006	4,400	<5,000	160	<50	<50	<50	21,000	<50	<50	64	130,000	<5,000	<500	<50	<50
	5/16/2006	3,800	<5,000	150	<50	<50	<50	24,000	<50	<50	58	130,000	<5,000	<500	<50	<50
	8/23/2006	3,800	<5,000	65	<50	<50	<50	5,800	<50	<50	<50	110,000	<5,000	<500	<50	<50
	11/13/2006	NA	<5,000	<50	<50	<50	<50	1,000	<50	<50	<50	100,000	NA	NA	NA	NA
	2/13/2007	1,800	<4,000	<40	<40	<40	<40	3,600	<40	<40	<40	110,000	NA	NA	NA	NA
	5/15/2007	2,000	<4,000	49	<40	<40	<40	2,800	<40	<40	<40	98,000	NA	NA	NA	NA
	8/15/2007	2,700	<4,000	<40	<40	<40	<40	4,200	<40	<40	<40	90,000	NA	NA	NA	NA
	11/13/2007	1,400	<700	<7.0	<7.0	<7.0	<7.0	470	<7.0	<7.0	<7.0	25,000	NA	NA	NA	NA
	2/19/2008	**1,800**	**410**	**2.0**	<0.50	<0.50	<0.50	**1,000**	<0.50	**1.8**	**2.7**	**80,000**	NA	NA	NA	NA
IS-2	2/22/2006	<4,000	8,600	1,200	<9.0	240	17	190,000	<9.0	9	1,700	29,000	<150,000	<90	<9.0	<9.0
	5/16/2006	<3,000^	<15,000	500	<150	<150	<150	130,000	<150	<150	880	24,000	<15,000	<1,500	<150	<150
	8/23/2006	2,700	<40,000	490	<400	<400	<400	150,000	<400	<400	1,200	39,000	<40,000++	<4,000	<400	<400
	11/13/2006	NA	<40,000	<400	<400	<400	<400	160,000	<400	<400	990	120,000	NA	NA	NA	NA
	2/13/2007	<1,500^	<5,000	230	<50	<50	<50	28,000	<50	<50	250	72,000	NA	NA	NA	NA
	5/15/2007	<3,000^	<7,000	690	<70	120	<70	35,000	<70	<70	370	32,000	NA	NA	NA	NA
	8/15/2007	<3,000^	<7,000	500	<70	<70	<70	20,000	<70	<70	160	160,000	NA	NA	NA	NA
	11/14/2007	<4,000	15,000	1,100	<70	240	<70	29,000	<70	<70	380	25,000	NA	NA	NA	NA
	2/19/2008	<3000	**5,300**	**550**	**5.0**	**32**	**7.6**	**7,400**	<0.50	**3.2**	**94**	**65,000**	NA	NA	NA	NA
IS-3	2/22/2006	<4,000	29,000	2,700	820	1,100	2,900	750,000	<100	<100	3,400	40,000	<80,000	<1,000	<100	<100
	5/16/2006	8,000	<20,000	1,110	<200	450	<200	300,000	<200	<200	1,600	65,000	<20,000	<2,000	<200	<200
	8/23/2006	4,800	<50,000	2,900	<500	1,100	660	970,000	<500	<500	3,900	54,000	<50,000	<5,000	<500	<500
	11/13/2006	NA	<200,000	2,800	<2,000	<2,000	<2,000	1,100,000	<2,000	<2,000	4,500	65,000	NA	NA	NA	NA
	2/13/2007	<3,000	<150,000	3,200	<1,500	<1,500	<1,500	600,000	<1,500	<1,500	3,300	49,000	NA	NA	NA	NA
	5/16/2007	<4,000^	<150,000	2,900	<1,500	<1,500	<1,500	630,000	<1,500	<1,500	3,400	88,000	NA	NA	NA	NA
	8/15/2007	<3,000^	<150,000	2,800	<1,500	<1,500	<1,500	960,000	<1,500	<1,500	4,300	98,000	NA	NA	NA	NA
	11/14/2007	1,900	<150,000	2,600	<1,500	<1,500	<1,500	880,000	2,000	<1,500	3,600	130,000	NA	NA	NA	NA
	2/19/2008	**1,200**	**2,700**	**660**	**4.8**	**160**	<150	**32,000**	**0.63**	**1.8**	**200**	**3,600**	NA	NA	NA	NA

TABLE 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Eagle Gas
4301 San Leandro Street
Oakland, California

Sample Name	Sample Date	TPH-d (µg/L)	TPH-g (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	DCA (µg/L)	EDB (µg/L)
ESL (µg/L)		640	500	46	130	290	100	1,800	--	--	--	18,000	--	50,000	200	150
IS-4	2/22/2006	3,100	11,000	790	<100	120	<100	280,000	<100	<100	2,400	51,000	<10,000	<1,000	<100	<100
	5/16/2006	5,600	<15,000	610	<150	<150	<150	220,000	<150	<150	1,700	53,000	<15,000	<1,500	<150	<150
	8/23/2006	4,300	6,100	280	<40	<40	<40	270,000	<40	<40	1,600	100,000	<80,000++	<400	<40	<40
	11/13/2006	NA	<50,000	<500	<500	<500	<500	230,000	<500	<500	1,100	220,000	NA	NA	NA	NA
	2/13/2007	1,500	<25,000	380	<250	<250	<250	160,000	<250	<250	570	250,000	NA	NA	NA	NA
	5/15/2007	1,700	<25,000	<250	<250	<250	<250	150,000	<250	<250	820	260,000	NA	NA	NA	NA
	8/15/2007	1,000	<15,000	<150	<150	<150	<150	85,000	<150	<150	360	280,000	NA	NA	NA	NA
	11/14/2007	760	<9,000	<90	<90	<90	<90	45,000	<90	<90	220	110,000	NA	NA	NA	NA
	2/19/2008	**1,100**	**980**	**39**	**0.94**	**3.1**	**1.2**	**870**	<0.50	**3.4**	**7.6**	**42,000**	NA	NA	NA	NA
IS-5	2/22/2006	35,000	66,000	4,100	<250	3,100	7,700	420,000	<250	<250	4,600	40,000	<25,000	<2,500	<250	<250
	5/16/2006	11000+	33,000	2,800	<200	1,700	1,900	350,000	<200	<200	3,400	29,000	<20,000	<2,000	<200	<200
	8/23/2006	11,000	71,000	5,200	<500	6,200	4,500	350,000	<500	<500	3,900	32,000	<50,000	<5,000	<500	<500
	11/13/2006	NA	<50,000	930	<500	<500	<500	440,000	<500	<500	2,800	89,000	NA	NA	NA	NA
	2/13/2007	<5,000	<50,000	3,600	<500	2,200	3,800	240,000	<500	<500	3,600	28,000	NA	NA	NA	NA
	5/16/2007	<5,000^	<50,000	4,500	<500	<500	<500	200,000	<500	<500	2,700	24,000	NA	NA	NA	NA
	8/15/2007	<10,000^	<50,000	4,300	<500	2,100	990	310,000	<500	<500	3,400	48,000	NA	NA	NA	NA
	11/16/2007	<5,000	<50,000	2,100	<500	1,900	3,600	260,000	<500	<500	2,600	55,000	NA	NA	NA	NA
	2/19/2008	<18,000	**73,000**	**5,200**	**67**	**2,800**	**5,300**	**110,000**	**1.9**	**8.3**	**2,500**	**250,000**	NA	NA	NA	NA
IS-6	2/22/2006	3,000	11,000	1,000	<100	560	180	130,000	<100	<100	1,400	210,000	<15,000	<1,000	<100	<100
	5/16/2006	3,300	<20,000	1,300	<200	730	<200	96,000	<200	<200	1,300	260,000	<25,000	<2,500	<200	<200
	8/23/2006	2,900	<20,000	580	<200	<200	<200	54,000	<200	<200	500	370,000	<20,000	<2,000	<200	<200
	11/13/2006	NA	<9,000	220	<90	<90	<90	20,000	<90	<90	170	260,000	NA	NA	NA	NA
	2/13/2007	1,600	<9,000	360	<90	<90	<90	28,000	<90	<90	210	310,000	NA	NA	NA	NA
	5/16/2007	1,700	9,100	1,400	<70	300	<70	21,000	<70	<70	240	240,000	NA	NA	NA	NA
	8/15/2007	1,700	<9,000	560	<90	<90	<90	8,000	<90	<90	100	220,000	NA	NA	NA	NA
	11/14/2007	880	<5,000	200	<50	<50	<50	3,700	<50	<50	<50	190,000	NA	NA	NA	NA
	2/19/2008	**1,200**	**3,500**	**360**	**2.3**	**41**	**1.6**	**6,100**	**0.66**	**8.6**	**55**	**220,000**	NA	NA	NA	NA
EW-1	2/22/2006	3,200	<150,000	3,100	<1,500	<1,500	<1,500	700,000	<1,500	<1,500	5,100	59,000	<150,000	<15,000	<1,500	<1,500
	5/16/2006	1,600	<100,000	2,000	<1,000	<1,000	<1,000	630,000	<1,000	<1,000	4,700	57,000	<100,000	<10,000	<1,000	<1,000
	8/23/2006	2,600	<150,000	2,200	<1,500	<1,500	<1,500	1,000,000	<1,500	<1,500	5,200	79,000	<150,000	<15,000	<1,500	<1,500
	11/13/2006	NA	<100,000	<1,000	<1,000	<1,000	<1,000	610,000	<1,000	<1,000	4,000	110,000	NA	NA	NA	NA
	2/13/2007	840	<70,000	1,200	<700	<700	<700	530,000	<700	<700	2,500	100,000	NA	NA	NA	NA
	5/16/2007	1,500	<70,000	1,700	<700	<700	<700	990,000	<700	<700	3,900	150,000	NA	NA	NA	NA
	8/16/2007	1,400	<80,000	1,900	<800	<800	<800	680,000	<800	<800	3,400	210,000	NA	NA	NA	NA

TABLE 3
GROUNDWATER SAMPLE ANALYTICAL RESULTS
Eagle Gas
4301 San Leandro Street
Oakland, California

Sample Name	Sample Date	TPH-d (µg/L)	TPH-g (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Methanol (µg/L)	Ethanol (µg/L)	DCA (µg/L)	EDB (µg/L)
ESL (µg/L)		640	500	46	130	290	100	1,800	--	--	--	18,000	--	50,000	200	150
EW-1	11/16/2007	860	<70,000	<700	<700	<700	<700	440,000	<700	<700	1,700	280,000	NA	NA	NA	NA
	2/19/2008	**800**	<25000	**340**	**1.5**	<250	<250	**300,000**	<5.0	**26**	**1,200**	**340,000**	NA	NA	NA	NA
EW-2	2/22/2006	<3,000	10,000	1,800	<100	700	670	120,000	<100	<100	1,200	36,000	<80,000	<1,000	<100	<100
	5/16/2006	<3,000^	<25,000	2,400	<250	1,110	880	180,000	<250	<250	1,400	45,000	<25,000	<2,500	<250	<250
	8/23/2006	<2,000	<25,000	1,600	<250	520	<250	120,000	<250	<250	930	35,000	<25,000	<2,500	<250	<250
	11/13/2006	NA	<10,000	610	<100	170	<100	60,000	<100	<100	380	25,000	NA	NA	NA	NA
	2/13/2007	<2,000	<15,000	1,100	<150	230	<150	81,000	<150	<150	700	49,000	NA	NA	NA	NA
	5/16/2007	<3,000^	9,900	1,700	<50	460	170	96,000	<50	<50	870	65,000	NA	NA	NA	NA
	8/16/2007	<2,000^	<15,000	1,300	<150	250	<150	100,000	<150	<150	700	75,000	NA	NA	NA	NA
	11/16/2007	<1,500	8,100	820	5.5	190	91	30000	<0.50	4.6	230	47000	NA	NA	NA	NA
	2/19/2008	<2000	**11,000**	**1,500**	<50	**610**	**300**	**78,000**	<50	<50	**590**	**130,000**	NA	NA	NA	NA

Notes:

NA Not analyzed.
TPH-d Total petroleum hydrocarbons as diesel by EPA Method 8015 (modified)
TPH-g Total petroleum hydrocarbons as gasoline by EPA Method 8260B
BTEX Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260B
MTBE Methyl tertiary butyl ether by EPA Method 8260B
DIPE Di-isopropyl ether by EPA Method 8260B
ETBE Ethyl tertiary butyl ether by EPA Method 8260B
TAME Tertiary amyl methyl ether by EPA Method 8260B
TBA Tertiary butyl alcohol by EPA Method 8260B
DCA 1,2-Dichloroethane
EDB 1,2-Dibromoethane
ESL Environmental Screening Levels for deep soils and groundwater that are not a current or potential source of drinking water; San Francisco Bay Regional Water Quality Control Board, February 2005
(µg/L) Micrograms per liter
Date TOC was re-surveyed on September 12, 2006.
See Well Gauging/Purging Calculation Data Sheets for date of depth to groundwater measurement
<50 Not detected in concentrations above indicated laboratory reporting limit.
J Estimated quantity because the MTBE-to-TBA ratio is greater than 20 to 1.
--- No samples collected, no data available
-- Not provided
* Laboratory note: "Results within quantitation range; chromatographic pattern not typical of fuel."
^ The method reporting limit for TPH-d is increased due to interference from gasoline-range hydrocarbons.
^^ Petroleum hydrocarbons reported as TPH-d do not exhibit a typical Diesel chromatogram pattern; they have a lower boiling point than typical Diesel fuel
+ Surrogate recovery for test method Mod. EPA 8015 was outside control limits. This may indicate a bias in the analysis due to the sample's matrix or an interference from compounds present in the sample.
++ The method reporting limit has been increased due to the presence of an interfering compound.

TABLE 4
GROUNDWATER SAMPLE ANALYTICAL RESULTS
EPA Method 8260B Full Scan
Eagle Gas
4301 San Leandro Street
Oakland, California

Sample Name	Sample Date	MTBE (µg/L)	TAME (µg/L)	TBA (µg/L)	Benzene (µg/L)	TCE (µg/L)	Ethylbenzene (µg/L)
ESL (µg/L)		640	500	46	130	290	100
MW-4	2/21/2008	**350,000**	**2,100**	**130,000**	**3,900**	<700	**1,400**
MW-4D	2/19/2008	**0.64**	<0.50	<5.0	<0.50	**4.5**	<0.50

Notes:

MTBE Methyl tertiary butyl ether by EPA Method 8260B
TAME Tertiary amyl methyl ether by EPA Method 8260B
TBA Tertiary butyl alcohol by EPA Method 8260B
TCE Trichloroethene
ESL Environmental Screening Levels for deep soils and groundwater that are not a current or potential source of drinking water; San Francisco Bay Regional Water Quality Control Board, February 2005.
(µg/L) Micrograms per liter
<5.0 Not detected in concentrations above indicated laboratory reporting limit.

ATTACHMENTS

ATTACHMENT A

CLEARWATER GROUP

Groundwater Monitoring and Sampling Field Procedures

Groundwater Monitoring

Prior to beginning purging tasks or sampling, a decontamination area is established. Decontamination procedures consist of scrubbing downhole equipment in an Alconox® solution wash (wash solution is pumped through any purging pumps used), and rinsing in a first rinse of potable water and a second rinse of potable water or deionized water if the latter is required. Any non-dedicated downhole equipment is decontaminated prior to use.

Prior to gauging, purging, and sampling a well, caps for all on-site wells are opened to allow atmospheric pressure to equalize the water levels if local groundwater is under confined or semi-confined conditions. The static water level is measured to the nearest 0.01± foot with an electronic water sounder. Depth to bottom is measured during each monitoring event, at the request of the project manager, and during Clearwater's first visit to a site. The water sounder and tape will be decontaminated between each well. Floating separate-phase hydrocarbons (SPH) where suspected or observed will be collected using a clear, open-ended product bailer, and the thickness is measured to the nearest 0.01 feet in the bailer. SPH may alternatively be measured with an electronic interface probe. Any monitoring well containing a measurable thickness of SPH before or during purging is not additionally purged, and no sample is collected from that well. Wells containing hydrocarbon sheen are sampled, unless otherwise specified by the project manager. Field observations of well integrity, water level, and floating product thicknesses are noted on the Well Gauging/Purging Calculations Data Sheet.

Well Purging

Each monitoring well to be sampled is purged using either a PVC bailer or a submersible pump. Physical parameters (pH, temperature, and conductivity) of the purge water are monitored during purging activities to assess if the water sample collected is representative of the aquifer. If required, parameters such as dissolved oxygen, turbidity, salinity, etc. are also measured. Samples are considered representative if parameter stability is achieved. Stability is defined as a change of less than 0.25 pH units, less than 10% change in conductivity in micro mhos, and less than 1.0 degree centigrade (1.8 degrees Fahrenheit) change in temperature. Parameters are measured in a discrete sample decanted from the bailer separately from the rest of the purge water. Parameters are measured at least four times during purging: initially, and at purging volume intervals of one casing volume. Purging continues until three well casing volumes have been removed or until the well completely dewaters. Wells that dewater or demonstrate a slow recharge rate may be sampled after fewer than three well volumes have been removed. Well purging information is recorded on the Purge Data Sheet. All meters used to measure parameters are calibrated daily. Investigation-derived wastes (purge and rinseate water) are handled in one of three ways: 1) Purge and rinseate water is sealed, labeled, and stored on site in D.O.T.-approved 55-gallon drums. After being chemically profiled, the water is removed to an appropriate disposal facility. 2) Purge and rinseate water is collected into a 250-gallon portable holding tank and transported to the Clearwater equipment yard in Point Richmond, CA. At the yard, the investigation-derived waste is then transferred to 55-gallon drums pending disposal at an appropriate disposal facility, or 3) Purge and rinseate water is collected in a 250-gallon portable holding tank and transported to the appropriate disposal facility. The applicable method will be indicated in the field log sheets and the corresponding technical report.

Groundwater Sample Collection

Groundwater samples are collected immediately after purging, with the following exception: If the purging rate exceeds well recharge rate, samples are collected when the well has recharged to at least 80% of its static water level. If recharge is extremely slow, the well is allowed to recharge for at least two hours, if practicable, or until sufficient volume for sampling has accumulated. The well is sampled within 24 hours of purging or is re-purged. Samples are collected using polyethylene bailers, either disposable or dedicated to the well. Samples being analyzed for compounds most sensitive to volatilization are collected first. Water samples are placed in appropriate laboratory-supplied containers (glass or plastic ware depending on the analysis), labeled, documented on a chain-of-custody form and placed on ice in a chilled cooler for transport to a state-certified analytical laboratory. Analytical detection limits match or surpass standards required by relevant local or regional guidelines.

Quality Assurance Procedures

To prevent contamination or cross contamination of the samples, Clearwater personnel adhere to the following procedures in the field:

- A new, clean pair of latex gloves is put on prior to sampling each well.
- Wells are gauged and purged and groundwater samples are collected in the expected order of increasing degree of contamination based on historical analytical results.
- All purging equipment is thoroughly decontaminated between each well, using the procedures previously described at the beginning of this section.
- During sample collection for volatile organic analysis, the amount of air passing through the sample is minimized. This helps prevent the air from stripping the volatiles from the water. Sample bottles are filled by slowly running the liquid being sampled down the inside wall of the bottle until there is a convex meniscus over the mouth of the bottle. The lid is carefully screwed onto the bottle such that no air bubbles are present within the bottle. If a bubble is present, the cap is removed and additional liquid is added to the sample container. After resealing the sample container, if bubbles still are present inside, the sample container is discarded and the procedure is repeated with a new container.

Laboratory and field handling procedures may be monitored, if required by the client or regulators, by including quality control (QC) samples for analysis with the groundwater samples. Examples of different types of QC samples are as follows:

- Trip blanks are prepared at the analytical laboratory by laboratory personnel to check field handling procedures. Trip blanks are transported to the project site in the same manner as the laboratory-supplied sample containers to be filled. They are not opened and are returned to the laboratory with the samples collected. Trip blanks are analyzed for purgeable organic compounds.
- Equipment blanks are prepared in the field to determine if decontamination of field sampling equipment has been effective. The sampling equipment used to collect the groundwater samples is rinsed with distilled water that is then decanted into laboratory-supplied containers. The equipment blanks are transported to the laboratory and are analyzed for the same chemical constituents as the samples collected at the site.
- Duplicates are collected at the same time standard groundwater samples are collected; they are analyzed for the same compounds in order to verify the reproducibility of laboratory data. They are usually collected from only one well per sampling event. The duplicate is assigned an identification number that will not associate it with the source well.

Generally, trip blanks and field blanks verify field handling and transportation procedures. Duplicates verify laboratory procedures. The configuration of QC samples is determined by Clearwater depending on site conditions and regulatory requirements.

ATTACHMENT B

CLEARWATER GROUP
229 Tewksbury Avenue,
Point Richmond, CA 94801
Tel: (510) 307-9943 Fax: (510) 232-2823

WELL GAUGING/PURGING CALCULATIONS DATA SHEET

Date: 2/19/08

Job No.: 2P046M

Location: 4301 San Leandro St, Oakland, CA

Tech(s): Eric V. Austin

Drums on Site @ TOA/TOD
Soil: 0 Water: 0

Total number of DRUMS used for this event
Soil: 8 Water:

Well No.	Diameter (in)	DTB (ft)	DTW (ft)	ST (ft)	CV (gal)	PV (gal)	SPL (ft)	Notes
MW-5D	2 in	42.51	14.17	28.34	4.53	13.59		
MW-4D	2 in	42.11	15.41	26.70	4.27	12.81		
MW-1D	2 in	43.48	13.81	29.67	4.75	14.25		
MW-1	2 in	24.51	6.13	18.38	2.94	8.82		
FS-1	2 in	24.85	6.42	18.43	2.95	8.65		
MW-7D	2 in	28.29	15.78	12.51	2.00	6.00		
MW-7	2 in	25.88	9.51	16.37	2.62	7.86		
MW-3	2 in	23.01	10.72	12.29	1.97	5.91		
						78.09		

Explanation:
DTB = Depth to Bottom
DTW = Depth to Water
ST = Saturated Thickness (DTB-DTW) must be > 1 foot
CV = Casing Volume (ST x cf)
PV = Purge Volume (standard 3 x CV, well development 10 x CV)
SPL = Thickness of Separate Phase Liquid

Conversion Factors (cf)
2-inch diameter well cf = 0.16 gal/ft
4-inch diameter well cf = 0.65 gal/ft
6-inch diameter well cf = 1.44 gal.ft

Well No.	Diameter (in)	DTB (ft)	DTW (ft)	ST (ft)	CV (gal)	PV (gal)	SPL (ft)	Notes
Mw-6	2 inch	25.29	9.82	15.47	2.48	7.44		
IS-2	2 inch	25.30	6.63	18.67	2.99	8.97		
IS-4	2 inch	24.89	6.11	18.78	3.00	9.00		
IS-6	2 inch	25.33	6.49	18.84	3.01	9.03		
IS-3	2 inch	24.23	6.01	18.22	2.92	8.76		
IS-5	2 inch	14.29	7.35	6.94	1.11	3.33		
Ew-2	4 inch	25.18	7.91	17.27	11.23	33.69		
mw-2	2 inch	24.58	14.02	10.56	1.69	5.07		
mw-4	2 inch	24.48	7.51	16.97	2.72	8.16		
Ew-1	4 inch	25.08	7.71	17.37	11.29	33.87		
mw-5	2 inch	25.50	8.41	17.09	2.73	8.19		
mw-8	2 inch	24.60	7.01	17.59	2.81	8.43		

Explanation:
DTB = Depth to Bottom
DTW = Depth to Water
ST = Saturated Thickness (DTB-DTW) must be > 1 foot
CV = Casing Volume (ST x cf)
PV = Purge Volume (standard 3 x CV, well development 10 x CV)
SPL = Thickness of Separate Phase Liquid

143.99
+ 78.04
222.03
20.00 - Decon Water
242.03

Conversion Factors (cf)
2-inch diameter well cf = 0.16 gal/ft
4-inch diameter well cf = 0.65 gal/ft
6-inch diameter well cf = 1.44 gal.ft

PURGE DATA SHEET

Job No.: 2P046M Location: 4301 San Leandro St, Oakland, CA Date: 2/19/08 Sheet 1 of 10

Tech: Eric V. Austin

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-50	12:00	4.00	91.1	130	65.81	2.88	7.19	NA	NA	Sample for: Soxy/TBA
Calc. purge	12:14	8.00	100.5	131	65.64	2.14	7.03	↓	↓	TPHg TPHd 8260
Volume 13.59	12:27	14.00	106.5	131	65.78	1.73	6.92	↓	↓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump (Disp. Bailer)

COMMENTS: color, turbidity, recharge, sheen, odor TAN, High, Ok, Has sheen & No Odor

POST DEPTH TO WATER: 15.60 SAMPLE TIME: 12:30

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-40	12:44	4.00	132.3	832	64.10	5.85	6.03	NA	NA	Sample for: 5 oxy/TBA VOC-full L.S.
Calc. purge	12:57	8.00	133.6	838	64.17	5.84	6.03	↓	↓	TPHg TPHd 8260
Volume 12.81	13:10	13.00	135.0	838	64.07	5.71	6.00	↓	↓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump (Disp. Bailer)

COMMENTS: color, turbidity, recharge, sheen, odor Brown, Moderate, Ok - Slight sheen & No Odor

POST DEPTH TO WATER: 16.71 SAMPLE TIME: 13:15

Clearwater Group, Inc. - 229 Tewksbury Avenue, Point Richmond, California 94801
Phone : (510) 307-9943 Fax : (510) 232-2823

PURGE DATA SHEET

Job No.: 20046M Location: Oakland, CA. Sheet 2 of 10

Date: 2/20/08 Tech: Eric Vaughan

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-1D	9:30	5.00	142.0	785	66.46	5.36	6.20	NA	NA	Sample for: 5 Oxys/TBA
Calc. purge	9:44	10.00	142.3	792	65.78	4.88	6.19	✓	✓	TPHg TPHd 8260
volume 14.25	9:57	14.00	142.6	793	65.72	4.51	6.16	✓	✓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Brown, High, OK, slight sheen, Has Odor

POST DEPTH TO WATER: 14.90 SAMPLE TIME: 10:00

Job No.: Location: Date: Tech:

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-1	10:15	3.00	119.1	189	64.12	1.99	6.19	NA	NA	Sample for: 5 Oxys/TBA
Calc. purge	10:30	6.00	117.3	189	64.62	1.50	6.15	✓	✓	TPHg TPHd 8260
volume 8.82	10:45	9.00	115.1	190	64.92	1.06	6.12	✓	✓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Lt. Gray, Moderate, poor, Sheen, Has Odor

POST DEPTH TO WATER: 6.71 SAMPLE TIME: 11:00

PURGE DATA SHEET

Job No.: 290760 Location: 4301 San Leandro St. Oakland, CA Date: 2/20/08 Sheet 3 of 10 Tech: Eric Vaughan

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
IS-1	11:15	3.00	-27.2	438	61.67	5.60	5.90	NA	NA	Sample for: Soxy, TBA
Calc. purge	11:30	6.00	-32.2	417	61.86	5.02	5.88			TPHg TPHd 8260
Volume 8.85	11:44	9.00	-34.6	406	61.58	4.69	5.83			BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Gray, Moderate, poor, Has sheen, HAS Odor

POST DEPTH TO WATER: 6.73 SAMPLE TIME: 12:00

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-7D	12:14	2.00	-101.4	935	65.77	3.45	6.07	NA	NA	Sample for: Soxy, TBA
Calc. purge	12:30	4.00	-111.5	938	65.47	2.39	6.05			TPHg TPHd 8260
Volume 6.00	12:45	6.00	-118.8	938	65.45	1.49	6.01			BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Brown, High, Poor, No sheen, HAS Odor

POST DEPTH TO WATER: 15.99 SAMPLE TIME: 13:00

Clearwater Group, Inc. - 229 Tewksbury Avenue, Point Richmond, California 94801
Phone : (510) 307-9943 Fax : (510) 232-2823

PURGE DATA SHEET

Job No.: 20476M Location: 4301 San Leandro St. Oakland, CA Date: 2/20/08 Sheet 4 of 10 Tech: Eric/Martin

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-7	13:13	2.00	8.1	1099	64.12	2.61	6.01	NA	NA	Sample for: Oxy, TBA
Calc. purge	13:29	5.00	12.9	1101	64.07	1.39	5.96			TPHg TPHd 8260
volume 7.86	13:45	8.00	15.5	1103	64.02	0.90	5.92	✓	✓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Brown, Moderate, OK, No sheen, No Odor

POST DEPTH TO WATER: 9.72 SAMPLE TIME: 14:00

Job No.: Location: Date: Tech:

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-3	14:15	2.00	-26.9	900	64.97	3.70	6.40	NA	NA	Sample for: Oxy, TBA
Calc. purge	14:31	4.00	-26.1	902	65.33	2.80	6.35			TPHg TPHd 8260
volume 5.91	14:45	6.00	-25.0	902	65.39	2.48	6.25	✓	✓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Gray, High, OK, No sheen, Has Odor

POST DEPTH TO WATER: 11.01 SAMPLE TIME: 15:00

PURGE DATA SHEET

Job No.: ZP0426M Location: 4301 San Leandro St. Oakland, CA Date: 2/20/08 Sheet 5 of 10 Tech:

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-6	15:13	2.00	-63.5	1131	62.03	2.99	6.10	NA	NA	Sample for: 5oxys/TBA
Calc. purge	15:29	5.00	-60.8	1132	62.46	1.73	5.97	↓	↓	TPHg TPHd 8260
Volume 7.44	15:44	7.00	-61.2	1131	62.76	1.43	5.92	↓	↓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Gray, Moderate, OK, Has sheen, Has Odor

POST DEPTH TO WATER: 10.02 SAMPLE TIME: 16:00

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
IS-2'	16:15	3.00	-137.6	917	63.63	2.79	6.48	NA	NA	Sample for: 5oxys/TBA
Calc. purge	16:31	6.00	-133.3	917	63.64	2.67	6.42	↓	↓	TPHg TPHd 8260
Volume 8.97	16:47	9.00	-128.9	919	63.58	2.49	6.32	↓	↓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Gray, Moderate, poor, Has sheen, Has Odor

POST DEPTH TO WATER: 6.91 SAMPLE TIME: 17:00

Clearwater Group, Inc. - 229 Tewksbury Avenue, Point Richmond, California 94801
Phone : (510) 307-9943 Fax : (510) 232-2823

PURGE DATA SHEET

Job No.: 20460m Location: 4301 San Leandro St. Oakland, CA Sheet 6 of 10

Date: 2/21/08 Tech: Eric Hostler

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
IS-4	7:45	3.00	-9.3	602	56.68	1.21	6.10	NA	NA	Sample for: Oxys/TBA
Calc. purge	9:00	6.00	-11.2	601	56.70	1.02	6.08	↓	↓	TPHg TPHd 8260
volume 9.00	8:15	9.00	-11.9	601	56.72	0.89	6.09	↓	↓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / ~~Disp. Bailer~~

COMMENTS: color, turbidity, recharge, sheen, odor Gray, Moderate, OK, Slight Sheen, Has Odor

POST DEPTH TO WATER: 6.27 SAMPLE TIME: 8:30

Job No.: Location: Date: 2/21/08 Tech:

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
IS-6	8:45	3.00	-60.1	1021	63.20	1.20	5.89	NA	NA	Sample for: Oxys/TBA
Calc. purge	9:00	6.00	-62.3	1021	63.41	1.01	5.87	↓	↓	TPHg TPHd 8260
volume 9.03	9:15	9.00	-61.1	1019	63.33	0.89	5.85	↓	↓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Tan, low, OK, Has sheen, Has Odor

POST DEPTH TO WATER: 6.71 SAMPLE TIME: 9:30

PURGE DATA SHEET

Job No.: 2P0460M Location: 4301 San Leandro St. Oakland, Ca Date: 2/28/08 Sheet 7 of 10
Tech: Eric Austin

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
IS-3	9:45	3.00	11.8	558	55.77	5.50	5.91	NA	NA	Sample for: Oxys/TBA
Calc. purge	10:00	6.00	9.5	556	57.01	4.45	5.78			TPHg ~~TPHd~~ 8260
Volume 8.76	10:15	9.00	12.5	569	57.27	3.71	5.72	↓	↓	~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC Bailer / Pump / ~~Disp. Bailer~~

COMMENTS: color, turbidity, recharge, sheen, odor Tan, Moderate, Oil, No sheen, Has Odor

POST DEPTH TO WATER: 6.19 SAMPLE TIME: 10:30

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+} 2/28/08		
IS-5	10:45	1.00	-22.4	1512	60.81	4.30	5.51	NA	NA	Sample for: Oxys/TBA
Calc. purge	11:00	2.00	-34.8	1471	61.61	4.09	5.54			TPHg ~~TPHd~~ 8260
Volume 3.33	11:15	3.00	-41.5	1477	61.54	3.29	5.55	↓	↓	BTEX ~~MTBE~~ Metals

Purging Method: PVC Bailer / Pump / ~~Disp. Bailer~~

Some free product!

COMMENTS: color, turbidity, recharge, sheen, odor Gray, High, Oil, Has sheen, Strong Odor

POST DEPTH TO WATER: 7.36 SAMPLE TIME: 11:30

Clearwater Group, Inc. - 229 Tewksbury Avenue, Point Richmond, California 94801
Phone : (510) 307-9943 Fax : (510) 232-2823

PURGE DATA SHEET

Job No.: 20046m Location: 4301 San Leandro St. Oakland, CA Date: 2/21/08 Sheet 8 of 10 Tech: Eric V. Austin

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
Ew-2	11:45	11.00	-28.2	1151	61.76	1.88	5.69	NA	NA	Sample for: Sat+s/TBA
Calc. purge	12:00	22.00	-28.7	1151	61.85	1.86	5.67	↓	↓	~~TPHg~~ ~~TPHd~~ 8260
volume 33.69	12:15	34.00	-28.9	1149	61.86	1.87	5.66	↓	↓	~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC Bailer / Pump / ~~Disp. Bailer~~

COMMENTS: color, turbidity, recharge, sheen, odor Tan, Moderate, Poor, Has sheen, Has Odor

POST DEPTH TO WATER: 12.41 SAMPLE TIME: 12:30

Job No.: Location: Date: Tech:

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-2	12:45	1.00	-59.0	1160	62.50	2.60	5.67	NA	NA	Sample for: Sat+s/TBA
Calc. purge	13:00	3.00	-50.1	1025	63.32	2.06	5.75	↓	↓	~~TPHg~~ ~~TPHd~~ 8260
volume 5.07	13:15	5.00	-42.6	1016	63.41	1.69	5.73	↓	↓	~~BTEX~~ ~~MTBE~~ Metals

Purging Method: PVC Bailer / Pump / ~~Disp. Bailer~~

COMMENTS: color, turbidity, recharge, sheen, odor Gray, High, Ok, Has sheen, Has Odor

POST DEPTH TO WATER: 14.08 SAMPLE TIME: 13:30

PURGE DATA SHEET

Job No.: ZP0760M **Location:** 4301 San Leandro St. Oakland, CA **Date:** 2/4/08 Sheet 7 of 10 **Tech:** Eric Vilcatic

WELL #	TIME	VOL. (gal.)	ORP	CND (μ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-4	13:45	2.00	-54.2	1274	60.50	3.07	5.58	NA	NA	Sample for: Soxy/TBA VOC-full List
Calc. purge	14:00	4.00	-50.3	1265	60.76	2.70	5.57	↓	↓	TPHg TPHd 8260
volume 8.16	14:15	8.00	-49.6	1269	60.58	1.86	5.54	↓	↓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Gray, High, OK, Has sheen, Has Odor

POST DEPTH TO WATER: 7.68 SAMPLE TIME: 14:30

Job No.: **Location:** **Date:** **Tech:**

WELL #	TIME	VOL. (gal.)	ORP	CND (μ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
EW-1	14:45	11.00	-50.8	1163	62.07	3.71	5.80	NA	NA	Sample for: Soxy/TBA
Calc. purge	15:00	22.00	-41.7	1164	61.94	2.46	5.81	↓	↓	~~TPHg~~ TPHd 8260
volume 33.87	15:15	34.00	-35.6	1163	62.94	1.74	5.81	↓	↓	BTEX MTBE Metals

Purging Method: PVC Bailer / Pump / Disp. Bailer

COMMENTS: color, turbidity, recharge, sheen, odor Gray, High, poor, Has sheen, Has Odor

POST DEPTH TO WATER: 10.12 SAMPLE TIME: 15:30

PURGE DATA SHEET

Job No.: 2907GM Location: 4301 San Leandro St. Oakland, CA Date: 2/21/08 Sheet 10 of 10 Tech: Eric Austin

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-5	15:45	2.00	-38.6	1229	62.13	3.38	5.78	NA	NA	Sample for: Sox/TBA
Calc. purge	16:00	5.00	-43.1	1221	62.91	3.15	5.79	↓	↓	(TPHg) TPHd 8260
Volume 8.19	16:15	8.00	-45.6	1221	63.01	2.42	5.80	↓	↓	(BTEX) MTBE Metals

Purging Method: PVC Bailer / Pump / ~~Disp. Bailer~~

COMMENTS: color, turbidity, recharge, sheen, odor Lt. Gray, low, poor, Has sheen, Has Odor

POST DEPTH TO WATER: 8.58 SAMPLE TIME: 16:30

WELL #	TIME	VOL. (gal.)	ORP	CND (µ/cm)	TMP (°F)	DO (mg/L)	pH	Fe^{2+}	Fe_T	
MW-8	16:45	2.00	-22.4	1355	61.65	3.19	5.66	NA	NA	Sample for: Sox/TBA
Calc. purge	17:00	5.00	-28.7	1337	62.07	2.87	5.63	↓	↓	(TPHg) TPHd 8260
Volume 8.43	17:15	8.00	-32.4	1345	61.65	2.40	5.64	↓	↓	(BTEX) MTBE Metals

Purging Method: PVC Bailer / Pump / ~~Disp. Bailer~~

COMMENTS: color, turbidity, recharge, sheen, odor Gray, Moderate, poor, Has sheen, HAS Odor, Signs of free product

POST DEPTH TO WATER: 7.17 SAMPLE TIME: 17:30

Clearwater Group, Inc. - 229 Tewksbury Avenue, Point Richmond, California 94801
Phone : (510) 307-9943 Fax : (510) 232-2823

ATTACHMENT C

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Rob Nelson
Clearwater Group, Inc.
229 Tewksbury Avenue
Point Richmond, CA 94801

Subject : 20 Water Samples
Project Name : NAZ Eagle Gas
Project Number : ZP046M

Dear Mr. Nelson,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Subject : 20 Water Samples
Project Name : NAZ Eagle Gas
Project Number : ZP046M

Case Narrative

The Method Reporting Limit for Diisopropyl ether has been increased due to the presence of an interfering compound for sample EW-1.

Tert-Butanol results for sample MW-7D may be biased slightly high and are flagged with a 'J'. A fraction of MtBE (typically less than 1%) converts to Tert-Butanol during the analysis of water samples. We consider this conversion effect to be mathematically significant in samples that contain MtBE/Tert-Butanol in ratios of over 20:1.

Repeat analysis by EPA Method 8260B yielded inconsistent results for sample MW-6. The concentrations appear to vary between the bottles. The highest valid concentration results are reported.

Approved By: Joel Kiff

2795 2nd St. Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M**

Sample : **MW-5D**
Sample Date :2/19/2008
Matrix : Water
Lab Number : 61194-01

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**12000**	50	ug/L	M EPA 8015	2/27/2008
Octacosane (Diesel Surrogate)	92.2		% Recovery	M EPA 8015	2/27/2008

Sample : **MW-4D**
Sample Date :2/19/2008
Matrix : Water
Lab Number : 61194-02

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**170**	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	110		% Recovery	M EPA 8015	2/28/2008

Sample : **MW-1D**
Sample Date :2/20/2008
Matrix : Water
Lab Number : 61194-03

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**180**	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	109		% Recovery	M EPA 8015	2/28/2008

Sample : **MW-1**
Sample Date :2/20/2008
Matrix : Water
Lab Number : 61194-04

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**1800**	50	ug/L	M EPA 8015	2/28/2008
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
Octacosane (Diesel Surrogate)	90.9		% Recovery	M EPA 8015	2/28/2008

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M**

Sample : **IS-1** Matrix : Water Lab Number : 61194-05
Sample Date :2/20/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**1800**	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	96.4		% Recovery	M EPA 8015	2/28/2008

Sample : **MW-7D** Matrix : Water Lab Number : 61194-06
Sample Date :2/20/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**280**	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	90.2		% Recovery	M EPA 8015	2/28/2008

Sample : **MW-7** Matrix : Water Lab Number : 61194-07
Sample Date :2/20/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**190**	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	108		% Recovery	M EPA 8015	2/28/2008

Sample : **MW-3** Matrix : Water Lab Number : 61194-08
Sample Date :2/20/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**< 300**	300	ug/L	M EPA 8015	2/28/2008
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	110		% Recovery	M EPA 8015	2/28/2008

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M**

Sample : **MW-6** Matrix : Water Lab Number : 61194-09
Sample Date :2/20/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**2300**	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	94.1		% Recovery	M EPA 8015	2/28/2008

Sample : **IS-2** Matrix : Water Lab Number : 61194-10
Sample Date :2/20/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**< 3000**	3000	ug/L	M EPA 8015	2/27/2008
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	92.4		% Recovery	M EPA 8015	2/27/2008

Sample : **IS-4** Matrix : Water Lab Number : 61194-11
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**1100**	50	ug/L	M EPA 8015	2/27/2008
Octacosane (Diesel Surrogate)	98.9		% Recovery	M EPA 8015	2/27/2008

Sample : **IS-6** Matrix : Water Lab Number : 61194-12
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**1200**	50	ug/L	M EPA 8015	2/27/2008
Octacosane (Diesel Surrogate)	99.4		% Recovery	M EPA 8015	2/27/2008

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M**

Sample : **IS-3** Matrix : Water Lab Number : 61194-13
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**1200**	50	ug/L	M EPA 8015	2/27/2008
(Note: Hydrocarbons are higher-boiling than typical Diesel Fuel.)					
Octacosane (Diesel Surrogate)	100		% Recovery	M EPA 8015	2/27/2008

Sample : **IS-5** Matrix : Water Lab Number : 61194-14
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**< 18000**	18000	ug/L	M EPA 8015	2/27/2008
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	99.9		% Recovery	M EPA 8015	2/27/2008

Sample : **EW-2** Matrix : Water Lab Number : 61194-15
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**< 2000**	2000	ug/L	M EPA 8015	2/27/2008
(Note: MRL increased due to interference from Gasoline-range hydrocarbons.)					
Octacosane (Diesel Surrogate)	105		% Recovery	M EPA 8015	2/27/2008

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M**

Sample : **MW-2** Matrix : Water Lab Number : 61194-16
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**2600**	50	ug/L	M EPA 8015	2/27/2008
Octacosane (Diesel Surrogate)	112		% Recovery	M EPA 8015	2/27/2008

Sample : **MW-4** Matrix : Water Lab Number : 61194-17
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**3200**	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	78.8		% Recovery	M EPA 8015	2/28/2008

Sample : **EW-1** Matrix : Water Lab Number : 61194-18
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**800**	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	71.9		% Recovery	M EPA 8015	2/28/2008

Sample : **MW-5** Matrix : Water Lab Number : 61194-19
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**3400**	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	71.3		% Recovery	M EPA 8015	2/28/2008

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M**

Sample : **MW-8** Matrix : Water Lab Number : 61194-20
Sample Date :2/21/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	**120000**	500	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	Diluted Out		% Recovery	M EPA 8015	2/28/2008

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-5D**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-01 Date Analyzed : 2/26/2008
Matrix : Water Sample Date :2/19/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	< 0.50	0.50	ug/L
Toluene	< 0.50	0.50	ug/L
Ethylbenzene	< 0.50	0.50	ug/L
Total Xylenes	< 0.50	0.50	ug/L
Methyl-t-butyl ether (MTBE)	**190**	0.50	ug/L
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L
Tert-amyl methyl ether (TAME)	**0.83**	0.50	ug/L
Tert-Butanol	**36**	5.0	ug/L
TPH as Gasoline	< 50	50	ug/L
Toluene - d8 (Surr)	98.8		% Recovery
4-Bromofluorobenzene (Surr)	100		% Recovery

) MRL = Method reporting limit
) MRL raised due to interference

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-4D**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-02 Date Analyzed : 2/27/2008
Matrix : Water Sample Date : 2/19/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
TPH as Gasoline	< 50	50	ug/L
Methyl-t-butyl ether (MTBE)	**0.64**	0.50	ug/L
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L
Tert-Butanol	< 5.0	5.0	ug/L
Methanol	< 50	50	ug/L
Ethanol	< 5.0	5.0	ug/L
Dichlorodifluoromethane	< 5.0	5.0 (2)	ug/L
Chloromethane	< 0.50	0.50	ug/L
Vinyl Chloride	< 0.50	0.50	ug/L
Bromomethane	< 20	20	ug/L
Chloroethane	< 0.50	0.50	ug/L
Trichlorofluoromethane	< 0.50	0.50	ug/L
1,1-Dichloroethene	< 0.50	0.50	ug/L
Methylene Chloride	< 5.0	5.0	ug/L
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L
1,1-Dichloroethane	< 0.50	0.50	ug/L
2,2-Dichloropropane	< 0.50	0.50	ug/L
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L
Chloroform	< 0.50	0.50	ug/L
Bromochloromethane	< 0.50	0.50	ug/L
1,1,1-Trichloroethane	< 0.50	0.50	ug/L
1,1-Dichloropropene	< 0.50	0.50	ug/L
1,2-Dichloroethane	< 0.50	0.50	ug/L
Carbon Tetrachloride	< 0.50	0.50	ug/L
Benzene	< 0.50	0.50	ug/L
Trichloroethene	**4.5**	0.50	ug/L
1,2-Dichloropropane	< 0.50	0.50	ug/L
Bromodichloromethane	< 0.50	0.50	ug/L
Dibromomethane	< 0.50	0.50	ug/L
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L
Toluene	< 0.50	0.50	ug/L
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L
1,1,2-Trichloroethane	< 0.50	0.50	ug/L
1,3-Dichloropropane	< 0.50	0.50	ug/L
Tetrachloroethene	< 0.50	0.50	ug/L

Parameter	Measured Value	MRL [1]	Units
Dibromochloromethane	< 0.50	0.50	ug/L
1,2-Dibromoethane	< 0.50	0.50	ug/L
Chlorobenzene	< 0.50	0.50	ug/L
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L
Ethylbenzene	< 0.50	0.50	ug/L
P,M-Xylene	< 1.0	1.0	ug/L
O-Xylene	< 0.50	0.50	ug/L
Styrene	< 0.50	0.50	ug/L
Isopropyl benzene	< 0.50	0.50	ug/L
Bromoform	< 0.50	0.50	ug/L
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L
1,2,3-Trichloropropane	< 0.50	0.50	ug/L
n-Propylbenzene	< 0.50	0.50	ug/L
Bromobenzene	< 0.50	0.50	ug/L
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L
2+4-Chlorotoluene	< 1.0	1.0	ug/L
tert-Butylbenzene	< 0.50	0.50	ug/L
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L
sec-Butylbenzene	< 0.50	0.50	ug/L
p-Isopropyltoluene	< 0.50	0.50	ug/L
1,3-Dichlorobenzene	< 0.50	0.50	ug/L
1,4-Dichlorobenzene	< 0.50	0.50	ug/L
n-Butylbenzene	< 0.50	0.50	ug/L
1,2-Dichlorobenzene	< 0.50	0.50	ug/L
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L
Hexachlorobutadiene	< 0.50	0.50	ug/L
Naphthalene	< 0.50	0.50	ug/L
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L
1,2-Dichloroethane-d4 (Surr)	100		% Recovery
Toluene-d8 (Surr)	99.3		% Recovery
4-Bromofluorobenzene (Surr)	102		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By:

Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-1D**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-03 Date Analyzed : 2/26/2008
Matrix : Water Sample Date : 2/20/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	< 0.50	0.50	ug/L
Toluene	< 0.50	0.50	ug/L
Ethylbenzene	< 0.50	0.50	ug/L
Total Xylenes	< 0.50	0.50	ug/L
Methyl-t-butyl ether (MTBE)	**1.5**	0.50	ug/L
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L
Tert-Butanol	< 5.0	5.0	ug/L
TPH as Gasoline	< 50	50	ug/L
Toluene - d8 (Surr)	98.3		% Recovery
4-Bromofluorobenzene (Surr)	101		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-1**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-04 Date Analyzed : 2/29/2008
Matrix : Water Sample Date : 2/20/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	< 1.5	1.5	ug/L
Toluene	< 1.5	1.5	ug/L
Ethylbenzene	**1.7**	1.5	ug/L
Total Xylenes	**18**	1.5	ug/L
Methyl-t-butyl ether (MTBE)	**53**	1.5	ug/L
Diisopropyl ether (DIPE)	< 1.5	1.5	ug/L
Ethyl-t-butyl ether (ETBE)	< 1.5	1.5	ug/L
Tert-amyl methyl ether (TAME)	< 1.5	1.5	ug/L
Tert-Butanol	**2500**	7.0	ug/L
TPH as Gasoline	**240**	150	ug/L
Toluene - d8 (Surr)	100		% Recovery
4-Bromofluorobenzene (Surr)	104		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **IS-1**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-05 Date Analyzed : 2/26/2008, 2/27/2008
Matrix : Water Sample Date : 2/20/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**2.0**	0.50	ug/L
Toluene	< 0.50	0.50	ug/L
Ethylbenzene	< 0.50	0.50	ug/L
Total Xylenes	< 0.50	0.50	ug/L
Methyl-t-butyl ether (MTBE)	**1000**	25	ug/L
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	**1.8**	0.50	ug/L
Tert-amyl methyl ether (TAME)	**2.7**	0.50	ug/L
Tert-Butanol	**80000**	150	ug/L
TPH as Gasoline	**410**	50	ug/L
Toluene - d8 (Surr)	99.4		% Recovery
4-Bromofluorobenzene (Surr)	97.5		% Recovery

) MRL = Method reporting limit
) MRL raised due to interference

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-7D**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-06 Date Analyzed : 2/26/2008, 2/27/2008
Matrix : Water Sample Date : 2/20/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	< 1.5	1.5	ug/L
Toluene	< 1.5	1.5	ug/L
Ethylbenzene	< 1.5	1.5	ug/L
Total Xylenes	**2.4**	1.5	ug/L
Methyl-t-butyl ether (MTBE)	**1000**	2.0	ug/L
Diisopropyl ether (DIPE)	< 1.5	1.5	ug/L
Ethyl-t-butyl ether (ETBE)	< 1.5	1.5	ug/L
Tert-amyl methyl ether (TAME)	**7.5**	2.0	ug/L
Tert-Butanol	**17 J**	9.0	ug/L
TPH as Gasoline	< 150	150	ug/L
Toluene - d8 (Surr)	101		% Recovery
4-Bromofluorobenzene (Surr)	106		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-7**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-07 Date Analyzed : 2/27/2008
Matrix : Water Sample Date :2/20/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	< 5.0	5.0	ug/L
Toluene	< 5.0	5.0	ug/L
Ethylbenzene	< 5.0	5.0	ug/L
Total Xylenes	< 5.0	5.0	ug/L
Methyl-t-butyl ether (MTBE)	**3000**	5.0	ug/L
Diisopropyl ether (DIPE)	< 5.0	5.0	ug/L
Ethyl-t-butyl ether (ETBE)	< 5.0	5.0	ug/L
Tert-amyl methyl ether (TAME)	**15**	5.0	ug/L
Tert-Butanol	**13000**	25	ug/L
TPH as Gasoline	< 500	500	ug/L
Toluene - d8 (Surr)	99.0		% Recovery
4-Bromofluorobenzene (Surr)	102		% Recovery

) MRL = Method reporting limit
) MRL raised due to interference

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-3**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-08 Date Analyzed : 2/27/2008
Matrix : Water Sample Date : 2/20/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**64**	20	ug/L
Toluene	< 20	20	ug/L
Ethylbenzene	< 20	20	ug/L
Total Xylenes	< 20	20	ug/L
Methyl-t-butyl ether (MTBE)	**3500**	20	ug/L
Diisopropyl ether (DIPE)	< 20	20	ug/L
Ethyl-t-butyl ether (ETBE)	< 20	20	ug/L
Tert-amyl methyl ether (TAME)	**31**	20	ug/L
Tert-Butanol	**52000**	90	ug/L
TPH as Gasoline	< 2000	2000	ug/L
Toluene - d8 (Surr)	102		% Recovery
4-Bromofluorobenzene (Surr)	100		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-6**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-09 Date Analyzed : 2/28/2008, 2/26/2008
Matrix : Water Sample Date : 2/20/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**660**	1.5	ug/L
Toluene	**6.7**	1.5	ug/L
Ethylbenzene	< 1.5	1.5	ug/L
Total Xylenes	**4.6**	1.5	ug/L
Methyl-t-butyl ether (MTBE)	**280**	1.5	ug/L
Diisopropyl ether (DIPE)	< 1.5	1.5	ug/L
Ethyl-t-butyl ether (ETBE)	< 1.5	1.5	ug/L
Tert-amyl methyl ether (TAME)	**1.7**	1.5	ug/L
Tert-Butanol	**4500**	90	ug/L
TPH as Gasoline	**2000**	2000	ug/L
Toluene - d8 (Surr)	99.2		% Recovery
4-Bromofluorobenzene (Surr)	96.7		% Recovery

) MRL = Method reporting limit
) MRL raised due to interference

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **IS-2**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-10 Date Analyzed : 2/27/2008, 2/26/2008
Matrix : Water Sample Date : 2/20/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**550**	20	ug/L
Toluene	**5.0**	0.50	ug/L
Ethylbenzene	**32**	0.50	ug/L
Total Xylenes	**7.6**	0.50	ug/L
Methyl-t-butyl ether (MTBE)	**7400**	20	ug/L
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	**3.2**	0.50	ug/L
Tert-amyl methyl ether (TAME)	**94**	0.50	ug/L
Tert-Butanol	**65000**	90	ug/L
TPH as Gasoline	**5300**	2000	ug/L
Toluene - d8 (Surr)	96.1		% Recovery
4-Bromofluorobenzene (Surr)	101		% Recovery

) MRL = Method reporting limit
:) MRL raised due to interference

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **IS-4**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-11 Date Analyzed : 2/27/2008, 2/26/2008
Matrix : Water Sample Date : 2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**39**	20	ug/L
Toluene	**0.94**	0.50	ug/L
Ethylbenzene	**3.1**	0.50	ug/L
Total Xylenes	**1.2**	0.50	ug/L
Methyl-t-butyl ether (MTBE)	**870**	20	ug/L
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	**3.4**	0.50	ug/L
Tert-amyl methyl ether (TAME)	**7.6**	0.50	ug/L
Tert-Butanol	**42000**	90	ug/L
TPH as Gasoline	**980**	50	ug/L
Toluene - d8 (Surr)	98.0		% Recovery
4-Bromofluorobenzene (Surr)	103		% Recovery

[1] MRL = Method reporting limit
[1] MRL raised due to interference

Approved By: Joel Kiff

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KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **IS-6**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-12 Date Analyzed : 2/26/2008, 2/27/2008
Matrix : Water Sample Date : 2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**360**	0.50	ug/L
Toluene	**2.3**	0.50	ug/L
Ethylbenzene	**41**	0.50	ug/L
Total Xylenes	**1.6**	0.50	ug/L
Methyl-t-butyl ether (MTBE)	**6100**	90	ug/L
Diisopropyl ether (DIPE)	**0.66**	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	**8.6**	0.50	ug/L
Tert-amyl methyl ether (TAME)	**55**	0.50	ug/L
Tert-Butanol	**220000**	500	ug/L
TPH as Gasoline	**3500**	50	ug/L
Toluene - d8 (Surr)	95.4		% Recovery
4-Bromofluorobenzene (Surr)	102		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618, 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **IS-3**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-13 Date Analyzed : 2/28/2008, 2/26/2008
Matrix : Water Sample Date : 2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**660**	150	ug/L
Toluene	**4.8**	0.50	ug/L
Ethylbenzene	**160**	0.50	ug/L
Total Xylenes	< 150	150	ug/L
Methyl-t-butyl ether (MTBE)	**32000**	150	ug/L
Diisopropyl ether (DIPE)	**0.63**	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	**1.8**	0.50	ug/L
Tert-amyl methyl ether (TAME)	**200**	0.50	ug/L
Tert-Butanol	**3600**	700	ug/L
TPH as Gasoline	**2700**	50	ug/L
Toluene - d8 (Surr)	99.4		% Recovery
4-Bromofluorobenzene (Surr)	103		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **IS-5**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-14 Date Analyzed : 2/27/2008, 2/26/2008
Matrix : Water Sample Date :2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**5200**	500	ug/L
Toluene	**67**	0.50	ug/L
Ethylbenzene	**2800**	500	ug/L
Total Xylenes	**5300**	500	ug/L
Methyl-t-butyl ether (MTBE)	**110000**	500	ug/L
Diisopropyl ether (DIPE)	**1.9**	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	**8.3**	0.50	ug/L
Tert-amyl methyl ether (TAME)	**2500**	500	ug/L
Tert-Butanol	**250000**	2500	ug/L
TPH as Gasoline	**73000**	5000	ug/L
Toluene - d8 (Surr)	88.3		% Recovery
4-Bromofluorobenzene (Surr)	110		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **EW-2**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-15 Date Analyzed : 2/26/2008, 2/27/2008
Matrix : Water Sample Date :2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**1500**	50	ug/L
Toluene	< 50	50	ug/L
Ethylbenzene	**610**	50	ug/L
Total Xylenes	**300**	50	ug/L
Methyl-t-butyl ether (MTBE)	**78000**	150	ug/L
Diisopropyl ether (DIPE)	< 50	50	ug/L
Ethyl-t-butyl ether (ETBE)	< 50	50	ug/L
Tert-amyl methyl ether (TAME)	**590**	50	ug/L
Tert-Butanol	**130000**	250	ug/L
TPH as Gasoline	**11000**	5000	ug/L
Toluene - d8 (Surr)	100		% Recovery
4-Bromofluorobenzene (Surr)	96.8		% Recovery

) MRL = Method reporting limit
:) MRL raised due to interference

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-2**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-16 Date Analyzed : 2/26/2008, 2/27/2008
Matrix : Water Sample Date :2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**88**	0.50	ug/L
Toluene	**0.96**	0.50	ug/L
Ethylbenzene	**4.4**	0.50	ug/L
Total Xylenes	**4.4**	0.50	ug/L
Methyl-t-butyl ether (MTBE)	**5000**	40	ug/L
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L
Ethyl-t-butyl ether (ETBE)	**4.6**	0.50	ug/L
Tert-amyl methyl ether (TAME)	**14**	0.50	ug/L
Tert-Butanol	**76000**	200	ug/L
TPH as Gasoline	**1400**	50	ug/L
Toluene - d8 (Surr)	97.8		% Recovery
4-Bromofluorobenzene (Surr)	102		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By:
Joel Kiff

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-4**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-17 Date Analyzed : 2/29/2008, 2/28/2008
Matrix : Water Sample Date : 2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value [1]	MRL	Units
TPH as Gasoline	< 70000	70000	ug/L
Methyl-t-butyl ether (MTBE)	**350000**	700	ug/L
Diisopropyl ether (DIPE)	< 700	700	ug/L
Ethyl-t-butyl ether (ETBE)	< 700	700	ug/L
Tert-amyl methyl ether (TAME)	**2100**	700	ug/L
Tert-Butanol	**130000**	4000	ug/L
Methanol	< 70000	70000	ug/L
Ethanol	< 7000	7000	ug/L
Dichlorodifluoromethane	< 700	700	ug/L
Chloromethane	< 700	700	ug/L
Vinyl Chloride	< 700	700	ug/L
Bromomethane	< 2500	2500	ug/L
Chloroethane	< 700	700	ug/L
Trichlorofluoromethane	< 700	700	ug/L
1,1-Dichloroethene	< 700	700	ug/L
Methylene Chloride	< 700	700	ug/L
trans-1,2-Dichloroethene	< 700	700	ug/L
1,1-Dichloroethane	< 700	700	ug/L
2,2-Dichloropropane	< 700	700	ug/L
cis-1,2-Dichloroethene	< 700	700	ug/L
Chloroform	< 700	700	ug/L
Bromochloromethane	< 700	700	ug/L
1,1,1-Trichloroethane	< 700	700	ug/L
1,1-Dichloropropene	< 700	700	ug/L
1,2-Dichloroethane	< 700	700	ug/L
Carbon Tetrachloride	< 700	700	ug/L
Benzene	**3900**	700	ug/L
Trichloroethene	< 700	700	ug/L
1,2-Dichloropropane	< 700	700	ug/L
Bromodichloromethane	< 700	700	ug/L
Dibromomethane	< 700	700	ug/L
cis-1,3-Dichloropropene	< 700	700	ug/L
Toluene	< 700	700	ug/L
rans-1,3-Dichloropropene	< 700	700	ug/L
,1,2-Trichloroethane	< 700	700	ug/L
,3-Dichloropropane	< 700	700	ug/L
etrachloroethene	< 700	700	ug/L

Parameter	Measured Value [1]	MRL	Units
Dibromochloromethane	< 700	700	ug/L
1,2-Dibromoethane	< 700	700	ug/L
Chlorobenzene	< 700	700	ug/L
1,1,1,2-Tetrachloroethane	< 700	700	ug/L
Ethylbenzene	**1400**	700	ug/L
P,M-Xylene	< 1500	1500	ug/L
O-Xylene	< 700	700	ug/L
Styrene	< 700	700	ug/L
Isopropyl benzene	< 700	700	ug/L
Bromoform	< 700	700	ug/L
1,1,2,2-Tetrachloroethane	< 700	700	ug/L
1,2,3-Trichloropropane	< 700	700	ug/L
n-Propylbenzene	< 700	700	ug/L
Bromobenzene	< 700	700	ug/L
1,3,5-Trimethylbenzene	< 700	700	ug/L
2+4-Chlorotoluene	< 1500	1500	ug/L
tert-Butylbenzene	< 700	700	ug/L
1,2,4-Trimethylbenzene	< 700	700	ug/L
sec-Butylbenzene	< 700	700	ug/L
p-Isopropyltoluene	< 700	700	ug/L
1,3-Dichlorobenzene	< 700	700	ug/L
1,4-Dichlorobenzene	< 700	700	ug/L
n-Butylbenzene	< 700	700	ug/L
1,2-Dichlorobenzene	< 700	700	ug/L
1,2-Dibromo-3-chloropropane	< 700	700	ug/L
1,2,4-Trichlorobenzene	< 700	700	ug/L
Hexachlorobutadiene	< 700	700	ug/L
Naphthalene	< 700	700	ug/L
1,2,3-Trichlorobenzene	< 700	700	ug/L

1,2-Dichloroethane-d4 (Surr)	101	% Recovery
Toluene-d8 (Surr)	97.9	% Recovery
4-Bromofluorobenzene (Surr)	103	% Recovery

) MRL = Method reporting limit
) MRL raised due to interference

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **EW-1**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-18 Date Analyzed : 2/26/2008, 2/27/2008
Matrix : Water Sample Date : 2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**340**	250	ug/L
Toluene	**1.5**	0.50	ug/L
Ethylbenzene	< 250	250	ug/L
Total Xylenes	< 250	250	ug/L
Methyl-t-butyl ether (MTBE)	**300000**	700	ug/L
Diisopropyl ether (DIPE)	< 5.0	5.0 (2)	ug/L
Ethyl-t-butyl ether (ETBE)	**26**	0.50	ug/L
Tert-amyl methyl ether (TAME)	**1200**	250	ug/L
Tert-Butanol	**340000**	1500	ug/L
TPH as Gasoline	< 25000	25000	ug/L
Toluene - d8 (Surr)	96.4		% Recovery
4-Bromofluorobenzene (Surr)	107		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-5**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-19 Date Analyzed : 2/26/2008
Matrix : Water Sample Date : 2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**160**	150	ug/L
Toluene	< 150	150	ug/L
Ethylbenzene	< 150	150	ug/L
Total Xylenes	< 150	150	ug/L
Methyl-t-butyl ether (MTBE)	**38000**	150	ug/L
Diisopropyl ether (DIPE)	< 150	150	ug/L
Ethyl-t-butyl ether (ETBE)	< 150	150	ug/L
Tert-amyl methyl ether (TAME)	< 150	150	ug/L
Tert-Butanol	**480000**	700	ug/L
TPH as Gasoline	< 15000	15000	ug/L
Toluene - d8 (Surr)	100		% Recovery
4-Bromofluorobenzene (Surr)	91.6		% Recovery

) MRL = Method reporting limit
) MRL raised due to interference

Approved By: Joel Kiff

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

KIFF Analytical LLC

Report Number : 61194
Date : 2/29/2008

Sample : **MW-8**
Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M** Lab Number : 61194-20 Date Analyzed : 2/27/2008
Matrix : Water Sample Date :2/21/2008 Analysis Method: EPA 8260B

Parameter	Measured Value	MRL [1]	Units
Benzene	**650**	100	ug/L
Toluene	< 100	100	ug/L
Ethylbenzene	< 100	100	ug/L
Total Xylenes	**160**	100	ug/L
Methyl-t-butyl ether (MTBE)	**56000**	100	ug/L
Diisopropyl ether (DIPE)	< 100	100	ug/L
Ethyl-t-butyl ether (ETBE)	< 100	100	ug/L
Tert-amyl methyl ether (TAME)	**210**	100	ug/L
Tert-Butanol	**260000**	500	ug/L
TPH as Gasoline	< 10000	10000	ug/L
Toluene - d8 (Surr)	99.0		% Recovery
4-Bromofluorobenzene (Surr)	99.6		% Recovery

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By: Joel Kiff

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QC Report : Method Blank Data

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Report Number : 61194

Date : 2/29/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel	< 50	50	ug/L	M EPA 8015	2/27/2008
Octacosane (Diesel Surrogate)	72.0		%	M EPA 8015	2/27/2008
TPH as Diesel	< 50	50	ug/L	M EPA 8015	2/28/2008
Octacosane (Diesel Surrogate)	101		%	M EPA 8015	2/28/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/25/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/25/2008
Toluene - d8 (Surr)	99.8		%	EPA 8260B	2/25/2008
4-Bromofluorobenzene (Surr)	95.1		%	EPA 8260B	2/25/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/25/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/25/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/27/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/27/2008
Toluene - d8 (Surr)	100		%	EPA 8260B	2/27/2008
4-Bromofluorobenzene (Surr)	97.3		%	EPA 8260B	2/27/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/27/2008
Toluene - d8 (Surr)	99.4		%	EPA 8260B	2/27/2008
4-Bromofluorobenzene (Surr)	97.8		%	EPA 8260B	2/27/2008

KIFF ANALYTICAL, LLC

2795 2nd Street. Suite 300 Davis. CA 95618 530-297-4800

Approved By: Joel Kiff

QC Report : Method Blank Data

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Report Number : 61194

Date : 2/29/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Methanol	< 50	50	ug/L	EPA 8260B	2/27/2008
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	2/27/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/26/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/25/2008
Toluene - d8 (Surr)	97.0		%	EPA 8260B	2/25/2008
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	2/25/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/26/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/26/2008
Toluene - d8 (Surr)	99.0		%	EPA 8260B	2/26/2008
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	2/26/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/26/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/26/2008
Dichlorodifluoromethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Chloromethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Bromomethane	< 20	20	ug/L	EPA 8260B	2/26/2008
Chloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Trichlorofluoromethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,1-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Methylene Chloride	< 5.0	5.0	ug/L	EPA 8260B	2/26/2008
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,1-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
2,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Chloroform	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Bromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,1-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Carbon Tetrachloride	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Bromodichloromethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Dibromomethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,3-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street. Suite 300 Davis. CA 95618 530-297-4800

QC Report : Method Blank Data

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Report Number : 61194

Date : 2/29/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Dibromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Chlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
P,M-Xylene	< 1.0	1.0	ug/L	EPA 8260B	2/26/2008
O-Xylene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Styrene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Isopropyl benzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Bromoform	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
n-Propylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Bromobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
2+4-Chlorotoluene	< 1.0	1.0	ug/L	EPA 8260B	2/26/2008
tert-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
sec-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
p-Isopropyltoluene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
n-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Hexachlorobutadiene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/26/2008
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	2/26/2008
Toluene - d8 (Surr)	96.3		%	EPA 8260B	2/26/2008
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	2/26/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/28/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/28/2008
Dichlorodifluoromethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Chloromethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Bromomethane	< 20	20	ug/L	EPA 8260B	2/28/2008
Chloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Trichlorofluoromethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,1-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Methylene Chloride	< 5.0	5.0	ug/L	EPA 8260B	2/28/2008
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,1-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
2,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Chloroform	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Bromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,1-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Carbon Tetrachloride	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Bromodichloromethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Dibromomethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,3-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

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QC Report : Method Blank Data

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Report Number : 61194

Date : 2/29/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Dibromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Chlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
P,M-Xylene	< 1.0	1.0	ug/L	EPA 8260B	2/28/2008
O-Xylene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Styrene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Isopropyl benzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Bromoform	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2,3-Trichloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
n-Propylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Bromobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
2+4-Chlorotoluene	< 1.0	1.0	ug/L	EPA 8260B	2/28/2008
tert-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
sec-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
p-Isopropyltoluene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,3-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,4-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
n-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Hexachlorobutadiene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	2/28/2008
1,2-Dichloroethane-d4 (Surr)	100		%	EPA 8260B	2/28/2008
Toluene - d8 (Surr)	97.7		%	EPA 8260B	2/28/2008
4-Bromofluorobenzene (Surr)	105		%	EPA 8260B	2/28/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/25/2008
Toluene - d8 (Surr)	98.4		%	EPA 8260B	2/25/2008
4-Bromofluorobenzene (Surr)	94.2		%	EPA 8260B	2/25/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/25/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/25/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/25/2008
Toluene - d8 (Surr)	98.2		%	EPA 8260B	2/25/2008
4-Bromofluorobenzene (Surr)	99.5		%	EPA 8260B	2/25/2008

KIFF ANALYTICAL, LLC

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Approved By: Joel Kiff

QC Report : Method Blank Data

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Report Number : 61194

Date : 2/29/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/27/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/27/2008
Methanol	< 50	50	ug/L	EPA 8260B	2/26/2008
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	2/26/2008
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/29/2008
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/29/2008
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/29/2008
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/29/2008
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/29/2008
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	2/29/2008
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	2/29/2008
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	2/29/2008
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	2/29/2008
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/29/2008
Toluene - d8 (Surr)	99.7		%	EPA 8260B	2/29/2008
4-Bromofluorobenzene (Surr)	105		%	EPA 8260B	2/29/2008

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

KIFF ANALYTICAL, LLC

2795 2nd Street. Suite 300 Davis. CA 95618 530-297-4800

Approved By: Joel Kiff

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 61194

Date : 2/29/2008

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	1120	1140	ug/L	M EPA 8015	2/27/08	112	114	1.06	70-130	25
TPH as Diesel	Blank	<50	1000	1000	927	1010	ug/L	M EPA 8015	2/28/08	92.7	101	8.63	70-130	25
Benzene	61180-14	<0.50	40.0	39.8	38.6	38.0	ug/L	EPA 8260B	2/25/08	96.4	95.4	1.13	70-130	25
Toluene	61180-14	<0.50	40.0	39.8	37.4	37.4	ug/L	EPA 8260B	2/25/08	93.4	93.8	0.431	70-130	25
Tert-Butanol	61180-14	<5.0	200	199	197	178	ug/L	EPA 8260B	2/25/08	98.7	89.5	9.83	70-130	25
Methyl-t-Butyl Ether	61180-14	<0.50	40.0	39.8	37.8	37.8	ug/L	EPA 8260B	2/25/08	94.5	95.0	0.550	70-130	25
Benzene	61221-01	<0.50	39.7	39.8	39.9	39.9	ug/L	EPA 8260B	2/25/08	100	100	0.319	70-130	25
Toluene	61221-01	<0.50	39.7	39.8	40.2	40.4	ug/L	EPA 8260B	2/25/08	101	101	0.215	70-130	25
Tert-Butanol	61221-01	25	198	199	174	181	ug/L	EPA 8260B	2/25/08	75.2	78.5	4.41	70-130	25
Methyl-t-Butyl Ether	61221-01	32	39.7	39.8	67.9	65.5	ug/L	EPA 8260B	2/25/08	90.0	83.7	7.21	70-130	25
Benzene	61206-06	4.1	39.8	40.0	40.7	41.1	ug/L	EPA 8260B	2/27/08	91.9	92.4	0.477	70-130	25
Toluene	61206-06	0.91	39.8	40.0	37.7	37.8	ug/L	EPA 8260B	2/27/08	92.6	92.1	0.531	70-130	25
Tert-Butanol	61206-06	81	199	200	259	256	ug/L	EPA 8260B	2/27/08	89.5	87.3	2.50	70-130	25
Methyl-t-Butyl Ether	61206-06	1.2	39.8	40.0	36.6	38.6	ug/L	EPA 8260B	2/27/08	89.0	93.4	4.83	70-130	25
Benzene	61206-19	26	39.8	40.0	59.4	60.9	ug/L	EPA 8260B	2/27/08	83.3	86.9	4.20	70-130	25
Toluene	61206-19	1.4	39.8	40.0	38.0	38.8	ug/L	EPA 8260B	2/27/08	91.9	93.5	1.70	70-130	25
Tert-Butanol	61206-19	8.8	199	200	187	193	ug/L	EPA 8260B	2/27/08	89.3	92.2	3.20	70-130	25

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KIFF ANALYTICAL, LLC

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QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 61194

Date : 2/29/2008

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Methyl-t-Butyl Ether	61206-19	<0.50	39.8	40.0	33.2	33.1	ug/L	EPA 8260B	2/27/08	83.4	82.7	0.831	70-130	25
1,1-Dichloroethane	61218-01	<0.50	39.9	39.8	39.9	39.5	ug/L	EPA 8260B	2/27/08	99.9	99.1	0.784	70-130	25
Benzene	61218-01	<0.50	39.9	39.8	39.3	39.0	ug/L	EPA 8260B	2/27/08	98.4	98.0	0.378	70-130	25
1,2-Dichloroethane	61218-01	<0.50	39.9	39.8	42.0	40.3	ug/L	EPA 8260B	2/27/08	105	101	3.92	70-130	25
Toluene	61218-01	<0.50	39.9	39.8	38.4	38.7	ug/L	EPA 8260B	2/27/08	96.1	97.1	0.994	70-130	25
Chlorobenzene	61218-01	<0.50	39.9	39.8	39.0	39.2	ug/L	EPA 8260B	2/27/08	97.8	98.5	0.729	70-130	25
Tert-Butanol	61218-01	<5.0	200	199	193	201	ug/L	EPA 8260B	2/27/08	96.5	101	4.43	70-130	25
Methyl-t-Butyl Ether	61218-01	<0.50	39.9	39.8	38.9	38.1	ug/L	EPA 8260B	2/27/08	97.5	95.6	1.92	70-130	25
Benzene	61206-11	<0.50	40.0	40.0	39.4	38.8	ug/L	EPA 8260B	2/26/08	98.4	97.0	1.48	70-130	25
Toluene	61206-11	<0.50	40.0	40.0	38.6	38.3	ug/L	EPA 8260B	2/26/08	96.6	95.8	0.794	70-130	25
Tert-Butanol	61206-11	<5.0	200	200	199	209	ug/L	EPA 8260B	2/26/08	99.5	104	4.89	70-130	25
Methyl-t-Butyl Ether	61206-11	<0.50	40.0	40.0	42.9	42.5	ug/L	EPA 8260B	2/26/08	107	106	0.964	70-130	25
Benzene	61212-04	<0.50	40.0	40.0	42.0	42.1	ug/L	EPA 8260B	2/25/08	105	105	0.113	70-130	25
Toluene	61212-04	<0.50	40.0	40.0	41.2	41.3	ug/L	EPA 8260B	2/25/08	103	103	0.0738	70-130	25
Tert-Butanol	61212-04	<5.0	200	200	214	211	ug/L	EPA 8260B	2/25/08	107	106	1.21	70-130	25
Methyl-t-Butyl Ether	61212-04	59	40.0	40.0	94.4	96.3	ug/L	EPA 8260B	2/25/08	87.4	92.1	5.21	70-130	25
Benzene	61206-02	<0.50	40.0	40.0	42.9	42.3	ug/L	EPA 8260B	2/26/08	107	106	1.31	70-130	25
Toluene	61206-02	<0.50	40.0	40.0	43.2	42.6	ug/L	EPA 8260B	2/26/08	108	106	1.23	70-130	25
Tert-Butanol	61206-02	<5.0	200	200	213	204	ug/L	EPA 8260B	2/26/08	107	102	4.36	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 61194

Date : 2/29/2008

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Methyl-t-Butyl Ether	61206-02	<0.50	40.0	40.0	43.5	43.6	ug/L	EPA 8260B	2/26/08	109	109	0.225	70-130	25
1,1-Dichloroethane	61206-13	<0.50	40.0	40.0	41.2	40.0	ug/L	EPA 8260B	2/26/08	103	99.9	3.19	70-130	25
Benzene	61206-13	<0.50	40.0	40.0	42.1	40.9	ug/L	EPA 8260B	2/26/08	105	102	2.77	70-130	25
1,2-Dichloroethane	61206-13	<0.50	40.0	40.0	39.7	39.2	ug/L	EPA 8260B	2/26/08	99.2	98.1	1.11	70-130	25
Toluene	61206-13	<0.50	40.0	40.0	41.2	40.2	ug/L	EPA 8260B	2/26/08	103	100	2.44	70-130	25
Chlorobenzene	61206-13	<0.50	40.0	40.0	43.7	42.6	ug/L	EPA 8260B	2/26/08	109	106	2.58	70-130	25
Tert-Butanol	61206-13	<5.0	200	200	200	201	ug/L	EPA 8260B	2/26/08	99.8	100	0.687	70-130	25
Methyl-t-Butyl Ether	61206-13	<0.50	40.0	40.0	41.0	40.6	ug/L	EPA 8260B	2/26/08	102	101	1.01	70-130	25
1,1-Dichloroethane	61274-02	<0.50	40.0	40.0	41.9	40.6	ug/L	EPA 8260B	2/28/08	105	102	2.98	70-130	25
Benzene	61274-02	<0.50	40.0	40.0	42.6	41.1	ug/L	EPA 8260B	2/28/08	106	103	3.52	70-130	25
1,2-Dichloroethane	61274-02	<0.50	40.0	40.0	40.9	40.4	ug/L	EPA 8260B	2/28/08	102	101	1.19	70-130	25
Toluene	61274-02	<0.50	40.0	40.0	42.7	41.3	ug/L	EPA 8260B	2/28/08	107	103	3.15	70-130	25
Chlorobenzene	61274-02	<0.50	40.0	40.0	44.7	43.4	ug/L	EPA 8260B	2/28/08	112	108	3.04	70-130	25
Tert-Butanol	61274-02	100	200	200	298	302	ug/L	EPA 8260B	2/28/08	98.3	100	1.88	70-130	25
Methyl-t-Butyl Ether	61274-02	10	40.0	40.0	51.7	51.1	ug/L	EPA 8260B	2/28/08	104	103	1.56	70-130	25
Benzene	61212-01	<0.50	40.0	40.0	42.8	40.5	ug/L	EPA 8260B	2/25/08	107	101	5.52	70-130	25
Toluene	61212-01	<0.50	40.0	40.0	42.8	40.4	ug/L	EPA 8260B	2/25/08	107	101	5.75	70-130	25
Tert-Butanol	61212-01	12	200	200	228	223	ug/L	EPA 8260B	2/25/08	108	105	2.20	70-130	25
Methyl-t-Butyl Ether	61212-01	4.0	40.0	40.0	48.2	47.8	ug/L	EPA 8260B	2/25/08	110	110	0.937	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Matrix Spike/ Matrix Spike Duplicate

Report Number : 61194

Date : 2/29/2008

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	61212-02	<0.50	40.0	40.0	40.1	39.2	ug/L	EPA 8260B	2/25/08	100	98.0	2.18	70-130	25
Toluene	61212-02	<0.50	40.0	40.0	39.5	39.0	ug/L	EPA 8260B	2/25/08	98.7	97.6	1.15	70-130	25
Tert-Butanol	61212-02	<5.0	200	200	203	201	ug/L	EPA 8260B	2/25/08	102	100	1.10	70-130	25
Methyl-t-Butyl Ether	61212-02	0.68	40.0	40.0	36.8	36.3	ug/L	EPA 8260B	2/25/08	90.2	89.2	1.16	70-130	25
Benzene	61245-02	<0.50	40.0	40.0	39.8	39.4	ug/L	EPA 8260B	2/27/08	99.4	98.5	0.903	70-130	25
Toluene	61245-02	<0.50	40.0	40.0	39.3	38.7	ug/L	EPA 8260B	2/27/08	98.3	96.8	1.54	70-130	25
Tert-Butanol	61245-02	<5.0	200	200	205	205	ug/L	EPA 8260B	2/27/08	103	102	0.191	70-130	25
Methyl-t-Butyl Ether	61245-02	<0.50	40.0	40.0	34.5	34.6	ug/L	EPA 8260B	2/27/08	86.2	86.5	0.333	70-130	25
1,1-Dichloroethane	61206-16	<0.50	40.0	40.0	39.2	39.1	ug/L	EPA 8260B	2/26/08	97.9	97.8	0.118	70-130	25
Benzene	61206-16	<0.50	40.0	40.0	39.0	39.2	ug/L	EPA 8260B	2/26/08	97.6	98.1	0.499	70-130	25
1,2-Dichloroethane	61206-16	0.97	40.0	40.0	38.6	39.4	ug/L	EPA 8260B	2/26/08	94.2	96.0	1.90	70-130	25
Toluene	61206-16	<0.50	40.0	40.0	43.0	43.1	ug/L	EPA 8260B	2/26/08	107	108	0.225	70-130	25
Chlorobenzene	61206-16	<0.50	40.0	40.0	41.5	41.1	ug/L	EPA 8260B	2/26/08	104	103	0.943	70-130	25
Tert-Butanol	61206-16	6.6	200	200	212	208	ug/L	EPA 8260B	2/26/08	103	100	2.19	70-130	25
Methyl-t-Butyl Ether	61206-16	0.50	40.0	40.0	36.8	37.0	ug/L	EPA 8260B	2/26/08	90.9	91.1	0.280	70-130	25
Benzene	61286-07	<0.50	40.0	40.0	39.4	38.9	ug/L	EPA 8260B	2/29/08	98.6	97.3	1.32	70-130	25
Toluene	61286-07	<0.50	40.0	40.0	43.1	42.6	ug/L	EPA 8260B	2/29/08	108	106	1.05	70-130	25
Tert-Butanol	61286-07	<5.0	200	200	203	204	ug/L	EPA 8260B	2/29/08	101	102	0.450	70-130	25
Methyl-t-Butyl Ether	61286-07	<0.50	40.0	40.0	35.9	36.0	ug/L	EPA 8260B	2/29/08	89.6	89.9	0.289	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

QC Report : Laboratory Control Sample (LCS)

Report Number : 61194
Date : 2/29/2008

Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	2/25/08	96.5	70-130
Toluene	40.0	ug/L	EPA 8260B	2/25/08	95.0	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/25/08	97.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/25/08	99.1	70-130
Benzene	40.0	ug/L	EPA 8260B	2/25/08	105	70-130
Toluene	40.0	ug/L	EPA 8260B	2/25/08	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/25/08	97.0	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/25/08	93.1	70-130
Benzene	40.0	ug/L	EPA 8260B	2/27/08	94.4	70-130
Toluene	40.0	ug/L	EPA 8260B	2/27/08	92.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/27/08	84.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/27/08	94.6	70-130
Benzene	40.0	ug/L	EPA 8260B	2/27/08	103	70-130
Toluene	40.0	ug/L	EPA 8260B	2/27/08	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/27/08	99.8	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/27/08	92.2	70-130
1,1-Dichloroethane	40.0	ug/L	EPA 8260B	2/27/08	100	70-130

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By: Joel Kiff

QC Report : Laboratory Control Sample (LCS)

Report Number : 61194
Date : 2/29/2008

Project Name : **NAZ Eagle Gas**
Project Number : **ZP046M**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	2/27/08	98.2	70-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	2/27/08	103	70-130
Toluene	40.0	ug/L	EPA 8260B	2/27/08	96.6	70-130
Chlorobenzene	40.0	ug/L	EPA 8260B	2/27/08	98.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/27/08	96.2	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/27/08	95.4	70-130
Benzene	40.0	ug/L	EPA 8260B	2/26/08	99.1	70-130
Toluene	40.0	ug/L	EPA 8260B	2/26/08	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/26/08	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/26/08	105	70-130
Benzene	40.0	ug/L	EPA 8260B	2/25/08	106	70-130
Toluene	40.0	ug/L	EPA 8260B	2/25/08	106	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/25/08	107	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/25/08	99.1	70-130
Benzene	40.0	ug/L	EPA 8260B	2/26/08	108	70-130
Toluene	40.0	ug/L	EPA 8260B	2/26/08	111	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/26/08	106	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/26/08	106	70-130

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By: Joel Kiff

QC Report : Laboratory Control Sample (LCS)

Report Number : 61194

Date : 2/29/2008

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,1-Dichloroethane	40.0	ug/L	EPA 8260B	2/26/08	101	70-130
Benzene	40.0	ug/L	EPA 8260B	2/26/08	105	70-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	2/26/08	99.4	70-130
Toluene	40.0	ug/L	EPA 8260B	2/26/08	104	70-130
Chlorobenzene	40.0	ug/L	EPA 8260B	2/26/08	104	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/26/08	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/26/08	98.5	70-130
1,1-Dichloroethane	40.0	ug/L	EPA 8260B	2/28/08	103	70-130
Benzene	40.0	ug/L	EPA 8260B	2/28/08	106	70-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	2/28/08	103	70-130
Toluene	40.0	ug/L	EPA 8260B	2/28/08	107	70-130
Chlorobenzene	40.0	ug/L	EPA 8260B	2/28/08	108	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/28/08	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/28/08	102	70-130
Benzene	40.0	ug/L	EPA 8260B	2/25/08	106	70-130
Toluene	40.0	ug/L	EPA 8260B	2/25/08	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/25/08	108	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/25/08	108	70-130
Benzene	40.0	ug/L	EPA 8260B	2/25/08	99.5	70-130

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By: Joel Kiff

QC Report : Laboratory Control Sample (LCS)

Report Number : 61194

Date : 2/29/2008

Project Name : **NAZ Eagle Gas**

Project Number : **ZP046M**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	2/25/08	99.3	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/25/08	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/25/08	88.3	70-130
Benzene	40.0	ug/L	EPA 8260B	2/27/08	101	70-130
Toluene	40.0	ug/L	EPA 8260B	2/27/08	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/27/08	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/27/08	86.2	70-130
1,1-Dichloroethane	40.0	ug/L	EPA 8260B	2/26/08	95.2	70-130
Benzene	40.0	ug/L	EPA 8260B	2/26/08	96.0	70-130
1,2-Dichloroethane	40.0	ug/L	EPA 8260B	2/26/08	93.8	70-130
Toluene	40.0	ug/L	EPA 8260B	2/26/08	103	70-130
Chlorobenzene	40.0	ug/L	EPA 8260B	2/26/08	99.9	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/26/08	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/26/08	88.4	70-130
Benzene	40.0	ug/L	EPA 8260B	2/29/08	98.6	70-130
Toluene	40.0	ug/L	EPA 8260B	2/29/08	107	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/29/08	99.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/29/08	88.6	70-130

KIFF ANALYTICAL, LLC
2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By: Joel Kiff

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 61194

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To):	Rob Nelson
Company / Address:	Clearwater Group 229 Tewksbury Ave. Pt. Richmond, CA
Phone #:	510-307-9943
Fax #:	510-232-2823
Project #:	ZP046M
P.O. #:	
Project Name:	NAZ Eagle Gas
Project Address:	4301 San Leandro St. Oakland, CA.
California EDF Report?	☒ Yes ☐ No
Sampling Company Log Code:	CWGO
Global ID:	T0600300219 [illegible]
EDF Deliverable To (Email Address):	gfisco@ClearwaterGroup.com
Sampler Signature:	(signature)

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air
MW-5D	2/14/08	12:30	6					6			6		
MW-4D	2/14/08	13:15	↓					X			X		

Analysis Request:

Sample Designation	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	[illegible]	[illegible]	TAT	For Lab Use Only
MW-5D		6	6	6	6				[illegible]		6				X		1 wk	01
MW-4D		X	X	X	[illegible]	X	X		X		X				X		↓	02

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Relinquished by:	Date	Time	Received by:
(signature)	2/20/08	6:00	
	022208	0938	Received by Laboratory: (signature) Kiff [illegible]

Remarks:

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
2.4	JUN	022208	1450	IR-1	(Yes) / No

KAR Analytical LLC
2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 61194

Page 2 of 3

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Rob Nelson
Company / Address: 229 Tewksbury Ave Richmond, CA
Phone #: 510-307-9943
Fax #: 510-232-2823
Project #: 20046M
P.O. #:
Project Name: NA2 Eagle Oaks
Project Address: 4301 San Leandro St. Oakland, CA.

California EDF Report? [X] Yes [ ] No
Sampling Company Log Code: CWGO
Global ID: T0605300249
EDF Deliverable To (Email Address): stacy@clearwatergroup.com
Sampler Signature: Eric V. Austin

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar	Preservative: HCl	HNO_3	None	Matrix: Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)	TAT: 1 wk	For Lab Use Only
MW-10	2/29/08	10:00	6					6			6				6	6	6	6						6					
MW-1		11:00																											03
IS-1		12:00																											04
MW-7D		13:00																											05
MW-7		14:00																											06
MW-3		15:00																											07
MW-6		16:00																											08
IS-2		17:00																											09
																													10

Relinquished by: Eric V. Austin — Date: 2/2/08 — Time: 14:15 — Received by:
Relinquished by: — Date: — Time: — Received by:
Relinquished by: — Date: 022208 — Time: 0938 — Received by Laboratory:

Remarks:
Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 6194

Page 3 of 3

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To):	Rob Nelson
Company / Address:	Cleanrmata Group, 229 Tewksbury Ave, Pt. Richmond, CA
Phone #:	510-307-9943
Fax #:	510-232-2823
Project #:	2P046M
P.O. #:	
Project Name:	NAZ Eagle Gas
Project Address:	430 San Leandro St. Oakland, CA
California EDF Report?	☒ Yes ☐ No
Sampling Company Log Code:	CWGO
Global ID:	T0605300219
EDF Deliverable To (Email Address):	sfisco@cleanwatergroup.com
Sampler Signature:	(signature)

Analysis Request columns: MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb; MTBE (EPA 8260B) @ 0.5 ppb; BTEX (EPA 8260B); TPH Gas (EPA 8260B); 5 Oxygenates (EPA 8260B); 7 Oxygenates (EPA 8260B); Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B); Volatile Halocarbons (EPA 8260B); Volatile Organics Full List (EPA 8260B); Volatile Organics (EPA 524.2 Drinking Water); TPH as Diesel (EPA 8015M); TPH as Motor Oil (EPA 8015M); Total Lead (EPA 6010); W.E.T. Lead (STLC); [illegible]

TAT: ☐ 12 hr ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ 1 wk

Sample Designation	Date	Time	40 ml VOA	HCl	Water	MTBE (EPA 8260B) @ 0.5 ppb	BTEX	TPH Gas	5 Oxygenates	7 Oxygenates	Lead Scav.	Volatile Organics Full List	TPH as Diesel	Handwritten column	For Lab Use Only
IS-4	2/21/08	8:30	6	6	6	6	6	6	6				6	✓	11
IS-6	↓	9:30	↓	↓	↓	↓	↓	↓	↓				↓	↓	12
IS-3	↓	10:30	↓	↓	↓	↓	↓	↓	↓				↓	↓	13
IS-5	↓	11:30	↓	↓	↓	↓	↓	↓	↓				↓	↓	14
EW-2	↓	12:30	↓	↓	↓	↓	↓	↓	↓				↓	↓	15
MW-2	↓	13:30	↓	↓	↓	↓	↓	↓	↓				↓	↓	16
MW-4	↓	14:30	↓	↓	↓	↓	↓	↓	↓				↓	↓	17
EW-1	↓	15:30	↓	↓	↓	↓	↓	↓	6	X	X	6	↓	↓	18
MW-5	↓	16:30	↓	↓	↓	↓	↓	↓	↓				↓	↓	19
MW-8	↓	17:30	↓	↓	↓	↓	↓	↓	↓				↓	↓	20

Relinquished by	Date	Time	Received by
Eric V. Austin	2/21/08	2050	
	022208	0938	Received by Laboratory: (signature)

Remarks:

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805