March 13, 2009

Paresh C. Khatri
ALAMEDA COUNTY ENVIRONMENTAL HEALTH
131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Project No. 33108-0086470.00

Subject: Additional Soil and Groundwater Investigation at Former Quest Laboratory
6511 Golden Gate Drive
Dublin, California (Fuel Leak Case No. RO0002860)

Dear Mr. Khatri:

Bureau Veritas North America, Inc. is pleased to present the attached *Additional Soil and Groundwater Investigation* report for the above site in Dublin, California. The report summarizes the findings of our investigation.

Bureau Veritas is pleased to be of service to Alameda County Environmental Health and Safeway Inc. Please contact me at 925.426.2679 or by email at don.ashton@us.bureauveritas.com, if you have any questions or comments.

Sincerely,

Donald Ashton
Senior Geologist
Environmental Services

cc: Kevin Thompson – Safeway Inc.
Jeff Brown – Safeway Inc.

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Additional Soil and Groundwater Investigation (Fuel Leak Case No. RO0002860)

Former Quest Laboratory
6511 Golden Gate Drive
Dublin, California

March 13, 2009
Project No. 33108-008647.00

Prepared for
Safeway Inc.
Pleasanton, California

BUREAU VERITAS

For the benefit of business and people

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1.0 INTRODUCTION

Safeway Inc. (Safeway) retained Bureau Veritas North America, Inc. (Bureau Veritas) to perform an additional soil and groundwater investigation at the former Quest Laboratory property located at 6511 Golden Gate Drive in Dublin, California (The Site, Figure 1). This work was performed regarding Alameda County Environmental Health (ACEH) Fuel Leak Case No. RO0002860 in response to a letter from the ACEH dated September 16, 2008.

2.0 BACKGROUND

In 2003, prior to purchasing the subject property, Safeway retained Clayton Group Services, Inc. (now Bureau Veritas) to conduct Phase I and II Environmental Site Assessments. Clayton's *Phase II Environmental Investigation at the Former Quest Laboratory 6511 Golden Gate Drive, Dublin, California*, dated April 26, 2004 (Clayton 2004) reports the finding of petroleum hydrocarbons in groundwater in a limited number of samples collected below and downgradient of a former UST that was removed from the property in 1989. Based on the analytical results of a limited sampling conducted by others as part of the UST removal, ACEH closed the case in 1990. On October 7, 2004, Clayton submitted a copy of its 2004 Phase II report to ACEH requesting to know if the UST case would be re-opened.

In its letter dated July 3, 2008, ACEH notified Safeway that the subject property has been re-opened as a Fuel Leak Case (Geotracker Global ID: T06019799610). On September 16, 2008, ACEH requested a preferential pathway study and technical comments addressing soil and groundwater characterization for the petroleum hydrocarbons found in groundwater. Bureau Veritas submitted a *Workplan for Additional Environmental Investigation,* dated November 19, 2008. ACEH approved the workplan with three technical comments in a letter dated December 5, 2008. The findings from the additional investigation are summarized below.

3.0 SCOPE OF WORK

Bureau Veritas performed the following scope of work:

- Obtained the required drilling permit (Permit Number: 28182 – Appendix A), marked the site for utility clearance and notified Underground Service Alert of Northern California (USAN) at least 48 hours prior to conducting subsurface work, as required by law.

- Conducted a subsurface utility survey of the northern portion of the subject property prior to drilling and installing three groundwater monitoring wells downgradient of the former UST where petroleum hydrocarbons previously had been detected in groundwater.

- Conducted a Preferential Pathway study by surveying the vicinity of the former UST site for subsurface utilities and requesting that Zone 7 Water District research their records for all wells within a one-quarter mile radius of the subject property.

- Advanced three (3) soil borings at the subject property using direct-push technology, collected soil samples, installed groundwater monitoring wells, and collected groundwater samples. The wells were surveyed and monitored to determine a site specific groundwater gradient.

- Analyzed soil and groundwater samples for petroleum hydrocarbons and volatile organic compounds.

- Prepared this technical report that documents the field activities, findings, with conclusions, and recommendations.

- Submitted data to the State Water Resources Control Board (SWRCB) GeoTracker program (following completion of final report).

3.1 PRE-FIELD ACTIVITIES

Pre-field activities included a site visit to coordinate with the on-site operations staff, mark the site boundaries with white paint, and notify Underground Service Alert of Northern California (USAN) at least 48 hours prior to subsurface work, as required by law. USAN issued work order ticket No. 002346 on January 5, 2009 for three soil boring locations.

On January 6, 2009, Bureau Veritas directed California Utility Surveys (CUS), a subsurface utility locating subcontractor, during the on-site survey. CUS cleared the proposed well locations of underground utilities prior to drilling the three proposed boreholes.

3.2 FIELD ACTIVITIES

3.2.1 Preferential Pathway Study

The preferential pathway survey included a general subsurface utility survey by CUS under the direction of Bureau Veritas of the area around the former UST location (adjacent to the mid-north property boundary) extending to the east (downgradient) property boundary. Two parking lot storm water drop inlets were observed in the survey area. CUS opened the storm drain inlet covers and the drainage pipeline connecting the storm water inlets was found to be at a depth of approximately 4.75 feet below grade surface (bgs). The pipeline run was traced using a snake with a signal generator which was traced to the east and then to the north at the northeast corner of the property where it left the property (see Figure 2). No other suspect utilities or pathways were identified during this survey.

On January 20, 2009, Bureau Veritas also submitted a written request to Zone 7 Water District for a records search of wells located within a one-quarter mile radius of the subject property. Zone 7 forwarded the results of their search on January 29, 2009, which included a table listing 37 wells and a

map of their plotted locations (Appendix B). The list included supply, monitoring, cathodic, destroyed, abandoned, and unknown use wells. The list included the three newly installed on-site wells. Bureau Veritas also conducted a visual survey of the adjoining commercial properties from public areas within a block radius of the subject property and no active wells were observed.

3.2.2 Soil Borings

On January 8, 2009, Vironex Environmental Field Services of Pacheco, California provided direct-push, dual-wall (Geoprobe) equipment and labor, and advanced three soil borings under Bureau Veritas' supervision. Borehole MW-1 was advanced to a total depth of 25 feet bgs while evaluating the depth of groundwater. After a short observation period, the bottom depth of all well screens was selected at 20 feet bgs for all three wells. Borings MW-2 and MW-3 where only drilled to a total depth of 20 feet bgs. The boreholes were installed per Zone 7 Permit No. 28182, which is presented as Appendix A.

The three boring locations were selected to further evaluate the finding of residual petroleum hydrocarbons in groundwater at and east of the former UST location (Clayton 2004). Boring MW-1 was placed adjacent to the east of the former UST pit, MW-2 was placed at the northeast corner of the property in the proximity of the storm water pipeline where it leaves the property, and MW-3 was placed near a prior soil boring (Q-11) where a grab-groundwater sample collected in 2004 was found to have fuel ranged petroleum hydrocarbon concentrations, presumed to have been released to groundwater from the former UST system (see Figure 2).

The soil borings were continuously cored and logged to the total depth drilled. Soil samples were collected in a Geoprobe core sampler using plastic liners, and six-inch sections were cut from the bottom of each liner at four- to five-foot intervals. The liners with the soil samples were sealed with Teflon tape and plastic end caps. Each sample was uniquely labeled, placed in a pre-chilled cooler, and entered on a formal chain-of-custody document for transport to a state-certified laboratory for analysis. The remaining soil core liners were then opened and the core sections were visually assessed for indications of contamination and for soil lithology using the Universal Soil Classification System as a guideline. The logs are presented as Appendix C.

Field screening of borehole cores was conducted by collecting a small amount of soil from the bottom of each core liner and or at select depths and placing the sample into a sealed plastic bag. A photo-ionization detector (PID) was used to screen the headspace in each sealed plastic bag for ionizable organic substances. Headspace analysis for ionizable or volatile substances was used to evaluate the soil cores to select vadose zone soil samples for laboratory analysis. PID readings were recorded onto the boring logs, which are presented in Appendix C.

Soil cuttings and decontamination water were containerized in sealed buckets and or a 55-gallon drum and stored onsite pending a review of the analytical data for proper disposal.

3.2.3 Monitoring Well Installation

Upon completion of drilling to the desired depths, monitoring wells were installed in each of the three borings. The wells were constructed of GeoProbe® Prepacked Well Screen sections between approximately 10 and 20 feet bgs using one-inch diameter PVC Schedule 40 materials with 0.010 inch cut slots. The prepacked sand (20/40 grade) is contained in stainless steel mesh with an outer diameter of 2.5 inches. The screened well casing was inserted through the center of the outer dual tube (while still in place in the borehole), which extended from the bottom of the boring to above the groundwater level. A two foot long casing section made as a 'PrePack' bentonite seal (consisting of powdered bentonite clay in a porous material wrap) was installed above the well screen, which was then connected to blank PVC casing that extended to the ground surface. Since boring MW-1 extended to a total depth of 25 feet bgs, a five-foot blank section of PVC casing with a threaded end cap was added below the screened section of the well between 20 and 25 feet bgs. To complete the surface seal, approximately one foot of granular bentonite was placed in the annular space and hydrated to seal the well pack prior to sealing the remainder of the annular space to the surface with cement grout. A flush traffic-rated well box was installed in concrete to cover the top of the well casing. A lockable expanding well cap was used to secure and seal the wellhead. A mark was placed on the top of the well casing, north side, for use as a depth to water measurement reference point. The well construction details are depicted on the boring logs (Appendix C).

3.2.4 Well Development, Monitoring and Sampling

The annular grout seals for the new wells were allowed to cure for a minimum of three days prior to development per state well regulations. Well development was performed to help stabilize the filter pack sand and aquifer material surrounding the well screen and to remove sediment that had accumulated in the well casing and filter pack sand during well construction. The depths to groundwater and total depth of the monitoring well casings were then measured to determine the quantity of water within each well casing. Monitoring well development included the use of a surge block to agitate water and settle well construction materials. An inertial pump (check valve on a section of tubing) and or a new disposable bailer were used to purge groundwater and sediment from within the well casings. Well development continued until each of the wells dried, which occurred after removing between four and seven well volumes of water. The wells were then allowed to recharge. Water quality parameters (pH, temperature, specific conductivity, and turbidity) were monitored until the wells dried. Groundwater quality parameters were recorded on well development data sheets and are presented in Appendix D.

The wells were allowed to stabilize for an additional two days prior to sampling. Groundwater monitoring was conducted prior to sampling by measuring and recording the stabilized depth to groundwater in each well relative to the top of casing reference point. The depth to water was later used to determine the groundwater elevation. On the day of sampling (January 15, 2009), the depth to water and the total depth of the water column were measured in each casing, and the volume of the water columns calculated. The well casings were then purged of three or more well-casing volumes of water and water quality parameters where monitored indicating stabilization. A peristaltic pump with new tubing was used to

purge groundwater from each monitoring well at 'low flow' rates of about 300 to 400 milliliters per minute and for sample collection. Water quality parameters (pH, specific conductivity, temperature and visual turbidity) were recorded onto well monitoring data sheets after each well casing volume of water was removed, which was recorded onto sampling data sheets (Appendix D).

Upon purging sufficient water from the monitoring wells and allowing for sufficient recovery, groundwater for laboratory analysis was retrieved. The sample container size, type, and sample preservative corresponded to the requested analytical method. Sample containers were sealed, labeled with identifying information, logged onto the chain-of custody, and temporarily stored in a chilled ice-chest for transportation to the laboratory. Groundwater purged from monitoring wells during development and sampling was stored onsite in a sealed and labeled 55-gallon drum meeting DOT transportation requirements, pending proper disposal.

3.2.5 Land Survey of Monitoring Well Locations

On January 28, 2009, Virgil Chavez Land Surveying, a State of California Licensed Land Surveyor, surveyed the three newly installed groundwater monitoring wells for location and elevation as required by state regulations. The survey included the top of well casing elevation (north top of casing) and well box rim elevation. The elevation data was surveyed to an accuracy of 0.01 foot. The northing and easting coordinates were surveyed to 0.1-foot accuracy and referenced to a recognized survey monument. The surveyed coordinates are presented in Appendix E. The survey data was submitted to the GeoTracker database program maintained by the California Water Resource Control Board.

The surveyed well casing elevation was used to calculate the groundwater elevation for all three groundwater monitoring wells. This was done by subtracting the depth to water measurements collected on January 15, 2009 from the top of casing elevations.

4.0 LABORATORY ANALYSIS

Bureau Veritas submitted six (6) soil and three (3) groundwater samples for laboratory analysis by the following United States Environmental Protection Agency (USEPA) approved methods:

- USEPA Method 8015C Modified for Total Extractable Petroleum Hydrocarbons as gasoline, diesel and motor oil (TPH-G, TPH-D and TPH-O, respectively).
- USEPA Method 8260B for Volatile Organic Compounds (VOCs), which include fuel aromatic hydrocarbons as Benzene, Toluene, Ethylbenzene, Xylenes (BTEX), and fuel oxygenates (OXY).

Soil and groundwater samples were analyzed by McCampbell Analytical, Inc. of Pittsburg, California, a state certified laboratory. The laboratory prepared the generated data in the required electronic deliverable data (EDD) format for uploading into GeoTracker database.

5.0 FINDINGS

A summary of the findings from this investigation is presented below.

5.1 PREFERENTIAL PATHWAYS SURVEY

The subsurface utility survey and a visual surface features survey of the northeastern portion of the subject property identified only a storm drain pipeline with two drop inlets in the vicinity and down gradient of the historic UST system. Since the depth to groundwater was found to be greater than 15 feet bgs and the observed depth of the storm drain pipeline trench was only about 5 feet bgs, the utility does not appear to present a preferential pathway for the historic release of fuels.

The radius well search did not identify drinking water or other types of production wells within one-quarter mile of the subject property. In addition, no downgradient groundwater monitoring wells were identified within the same search radius. Three upgradient monitor wells (3S/1W M1, 3S/1W M2, and 3S/1W M3) were located to the west and southwest, between 470 and 800 feet upgradient of the former UST location, on the vacant lot across Golden Gate Drive.

Bedford Properties was listed as the owner of well 3S/W 1M1, which was installed in 1991. The state Geotracker database (established in 2004) lists a fuel leak case (Case #T0600100823) for Bedford Properties at the 6700 Golden Gate Drive property. This case was closed in 1993 and no other records were in the online file. Winstar Communities is listed as the owners of wells 3S/1W 1M2 and 1M3. Geotracker lists a leak case (Case #T06019769979) for Dublin Retail Center at 7900 Dublin Boulevard, which is an upgradient address that may be related to these two wells. The database listed a leak discovered in 1998, which required action in 2003 and was closed in 2005. No records were found regarding the current status of these wells; they are assumed to be closed. Based on available information, it would appear that a release at the subject property would not have affected these wells. Other identified wells within the radius search pattern do not present a concern to the subject property because they have been destroyed or are cross-gradient and are too distant to be of concern.

5.2 SOIL BORING OBSERVATIONS

Soils encountered in the soil borings generally consisted of brown to black silty clay, silt, and clayey silt to the total depth drilled of 25 feet bgs. Soil boring logs are presented as Appendix C. During core liner inspections, Bureau Veritas noted some soil staining and slight petroleum hydrocarbon odors in borings MW-1 and MW-3 between approximately 17 and 18 feet bgs, which were found to be below the current groundwater table. No staining or hydrocarbon odors were noted in boring MW-2. No other indications of petroleum hydrocarbons or other chemical impacts were identified during field screening. No significantly elevated PID readings were recorded for soil samples collected in the borings.

5.3 GROUNDWATER ELEVATION MONITORING

Groundwater elevation monitoring of the three new monitoring wells on January 15, 2009 found the depth to groundwater to range between 15.59 and 16.21 feet bgs. The elevation at each well was calculated by subtracting the depth to water from the surveyed elevation point at the top of each respective casing. The groundwater elevations for January 15, 2009 are presented in Table 1. This data was used to produce a groundwater elevation map with contours, depicted on Figure 3. Groundwater flow interpreted from this map is to the north at a very gentle gradient of 0.003 feet per foot. It should be noted that the prior site investigation conducted by Clayton (2004) found that the groundwater flow was easterly, approximately in line with the regional topographic gradient.

5.4 SUBSURFACE SOIL RESULTS

Two soil samples from each soil boring, one from the vadose zone and one from near the groundwater level or fringe zone were analyzed by the laboratory for TPH and VOCs. A summary of the findings is presented in Table 2. No TPH ranged compounds were reported above the laboratory reporting limits, except for soil sample MW-2 at 4.5 to 5.0 feet bgs, which contained 1.5 milligrams per kilogram (mg/Kg) of TPH-d and 6.9 mg/Kg of TPH-mo ranged compounds. These low detections are well below the Environmental Screening Levels (ESLs) established by the California Regional Water Quality Control Board (Source: *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater*, Interim Final – May 2008) that have been established for commercial land use.

No VOC concentrations were reported above the laboratory reporting levels in any of the analyzed soil samples.

5.5 GROUNDWATER

Groundwater samples results were found to have low concentrations of TPH ranged compounds in samples MW-1 and MW-3, but not in MW-2. Sample MW-1 was found with a TPH-g concentration of 99 micrograms per liter (ug/L) and TPH-d at 89 ug/L. Sample, MW-3 was reported to have a TPH-g concentration of 140 ug/L and TPH-d at 85 ug/L. The TPH-g concentration in sample MW-3 was the only result that exceeded an established ESL level (gasoline ESL is 100 ug/L for a potential source of drinking water). The laboratory reported the results as aged and with no recognizable pattern. No TPH-mo ranged compounds were reported in any of the water samples.

No VOCs were detected in the analyzed samples, except for MW-1, which had a sec-Butyl benzene concentration of 0.53 ug/L and MW-2 had 4-an isopropyl toluene concentration of 0.62 ug/L. The detected VOCs are at very low concentrations and no ESLs have been established for these compounds. Analytical results for the groundwater samples are summarized in Table 3 and are presented in Figure 4.

6.0 CONCLUSION

The finding of low TPH concentrations in one of six soil samples is considered to be de minimis. The finding of low concentrations of aged gasoline and diesel concentrations is also considered to be de minimis since the concentrations are below the ESLs for petroleum as gasoline and middle distillates, except for the finding of TPH-g at MW-3 just slightly in excess of the drinking water ESL for this compound. Current soil and groundwater results appear to be generally consistent with findings of the 2004 investigation, which indicated a localized groundwater plume that extended to the east.

The northerly groundwater gradient measured for this monitoring event differs from the regional topography, which is easterly. The calculated groundwater gradient measured in 2004 (to the east) essentially followed the topographic gradient. Additional groundwater monitoring will be required to confirm the local groundwater gradient. The current indicated northerly groundwater gradient could be a seasonal variation, an unstablized well, or a result of changes since 2004 in local groundwater conditions, such as those that may result from recharge from landscaping irrigation, or changes in local water uses.

7.0 RECOMMENDATIONS

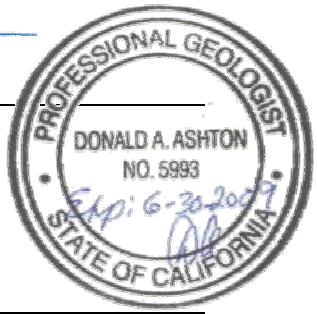
Bureau Veritas recommends continued groundwater monitoring to comply with ACEHs request for technical information to further evaluate the local groundwater quality and to confirm the groundwater gradient(s) to better characterize the petroleum hydrocarbon groundwater plume.

8.0 LIMITATIONS

The information and opinions included in this report were given in response to a specific scope of work and should be considered and implemented only in light of that particular scope of work. The services provided by Clayton in completing this project have been provided in a manner consistent with the normal standards of the profession. No other warranty, expressed or implied, is made.

This report was prepared by:

Donald A. Ashton, P.G., R.E.A.
Senior Geologist
Environmental Services



This report was reviewed by:

Jon A. Rosso, P.E.
Director
Environmental Services
San Francisco Regional Office
March 13, 2009

TABLES

TABLE 1
Groundwater Elevation Data
6511 Golden Gate Drive, Dublin, CA
Project No. 33108-0086470.00

Monitoring Well	Measurement Date	Top of Casing (TOC) Elevation * (ft) NGVD 29	Depth to Groundwater (ft) from TOC	Groundwater Elevation (ft)
MW-1	1/15/2009	342.68	15.59	327.09
MW-2	1/15/2009	342.53	15.79	326.74
MW-3	1/15/2009	342.99	16.21	326.78

Legend

* = Well Casing survey conducted on January 28, 2009 by Virgil Chavez Land Surveying (Geotracker ID: T06019799610)

NGVD 29 = National Geodetic Vertical Datum - 1929

Well Screen intervals: 10' to 20' bgs (installed January 8, 2009).

TABLE 2
Summary of Soil Analytical Results - TPH and VOCs
6511 Golden Gate Drive, Dublin, CA
Project No. 33108-008647.00

Analytical Method	Units	Sample ID, Depth (ft.), and Date **MW-1** **-7.5'-8.0'** 1/8/2009	**MW-1** **-11.5'-12.0'** 1/8/2009	**MW-2** **-4.5'-5.0'** 1/8/2009	**MW-2** **-14.5'-15.0'** 1/8/2009	**MW-3** **-4.5'-5.0'** 1/8/2009	**MW-3** **-14.5'-15.0'** 1/8/2009	**ESLs** Commercial Table A
Total Petroleum Hydrocarbons Method 8015C								
TPH as gasoline	mg/Kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	83
TPH as diesel with SGCU	mg/Kg	< 1.0	< 1.0	**1.5****	< 1.0	< 1.0	< 1.0	83
TPH as motor oil with SGCU	mg/Kg	<5.0	<5.0	**6.9****	<5.0	<5.0	<5.0	2500
VOCs and Oxygenates Method 8260B								
VOCs including BTEX, EDB & 1-2 DCA	mg/Kg	ND	ND	ND	ND	ND	ND	Varies
Oxygenates: MTBE, TAME, DIPE, ETBE	mg/Kg	<0.005	<0.005	<0.005	<0.005	<0.050	<0.005	Varies
Oxygenate: TBA	mg/Kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.075

Legend

mg/Kg = Milligrams per kilogram

< 50 = Less than laboratory detection limit as indicated

SGCU = Silica Gel Clean Up, performed by laboratory during sample preparation, removes polar hydrocarbons, typical for animal fats

** = Laboratory noted stongly aged gasoline or diesel ranged compounds are significant, no recognizable pattern

ESLs = Environmental Screening Level: *Screening For Environmental Concerns At Sites with*
Contaminated Soil and Groundwater, RWQCB Interim Final - November 2007
Table A: Industrial Land Use - Soil <3 meters bgs - Groundwater is a potential source of drinking water

BTEX = Benzene, Toluene, Ethylbenzene, and total Xylenes; EDB = 1,2-dibromoethane; 1,2-DCA = 1,2-dichloroethane

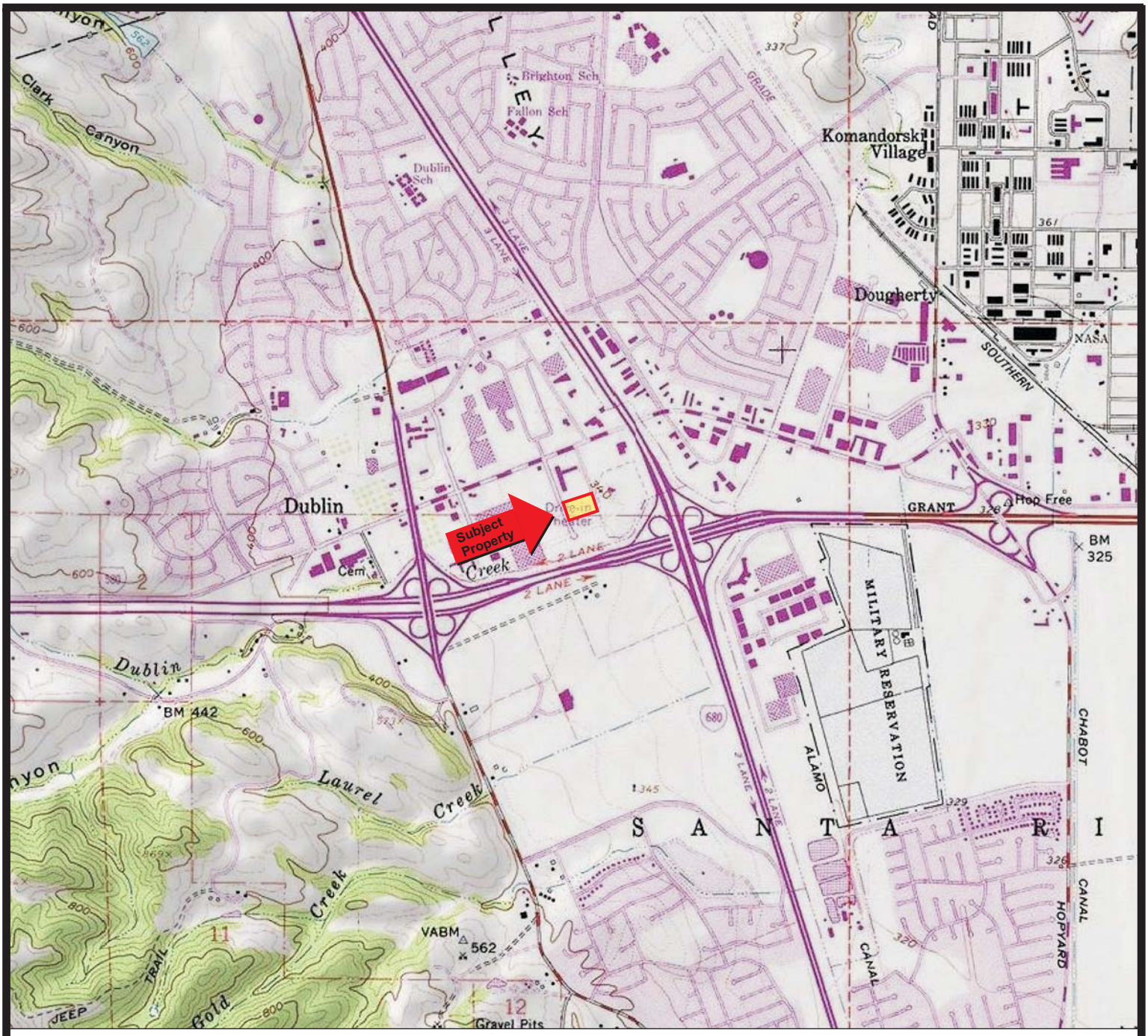
Oxygenates = methyl tert-butyl ether (MTBE), tert-Amyl methyl ether (TAME), diisopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), & t-Butyl alcohol (TBA)

TABLE 3
Summary of Groundwater Analytical Results - TPH and VOCs
6511 Golden Gate Drive, Dublin, CA
Project No. 33108-008647.00

Analytical Method	Units	Sample ID and Date MW-1 1/15/2009	MW-2 1/15/2009	MW-3 1/15/2009	ESLs Table A
Total Petroleum Hydrocarbons Method 8015C					
TPH as gasoline	ug/L	**99**$^{+}$	<50	**140**$^{+}$	100
TPH as diesel	ug/L	**89****	<50	**85****	100
TPH as motor oil	ug/L	<250	<250	<250	100
BTEX & Oxygenates Method 8260B					
BTEX, EDB, & 1,2-DCA	ug/L	<0.5	<0.5	<0.5	Varies
sec-Butyl benzene	ug/L	**0.53**	<0.5	<0.5	NE
4-Isopropyl toluene	ug/L	<0.5	**0.62**	<0.5	NE
Oxygenates: MTBE, TAME, DIPE, ETBE	ug/L	<0.5	<0.5	<0.5	Varies
Oxygenate: t-Butyl alcohol (TBA)	ug/L	<2.0	<2.0	<2.0	NE

Legend
ug/L = Micrograms per liter
ESLs = Environmental Screening Level: *Screening For Environmental Concerns At Sites with Contaminated Soil and Groundwater, RWQCB* Interim Final - November 2007; Table A: Groundwater (<3 meter bgs) is a potential source of drinking water
$^{+}$ = Laboratory reports strongly aged gasoline and diesel ranged compounds are significant, no recognizable pattern
** = Laboratory reports diesel and gasoline range coumpounds are significant, no recognizable pattern
NE = Not established
BTEX = Benzene, Toluene, Ethylbenzene, and total Xylenes; EDB = 1,2-dibromoethane; 1,2-DCA = 1,2-dichloroethane
Oxygenates = methyl tert-butyl ether (MTBE), tert-Amyl methyl ether (TAME), diisopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), & t-Butyl alcohol (TBA)

FIGURES



Map Source: TOPO! © 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

Portion of the 7.5-Minute Series Dublin, California
Quadrangle Topographic Map (Datum: NAD 83)
United States Department of the Interior
Geological Survey
1980 Photorevised from 1979

N

CALIF

QUADRANGLE LOCATION

PROPERTY LOCATION MAP
Former Quest Laboratory
6511 Golden Gate Drive
Dublin, California
Project No. 33108-008647.00

Figure 1

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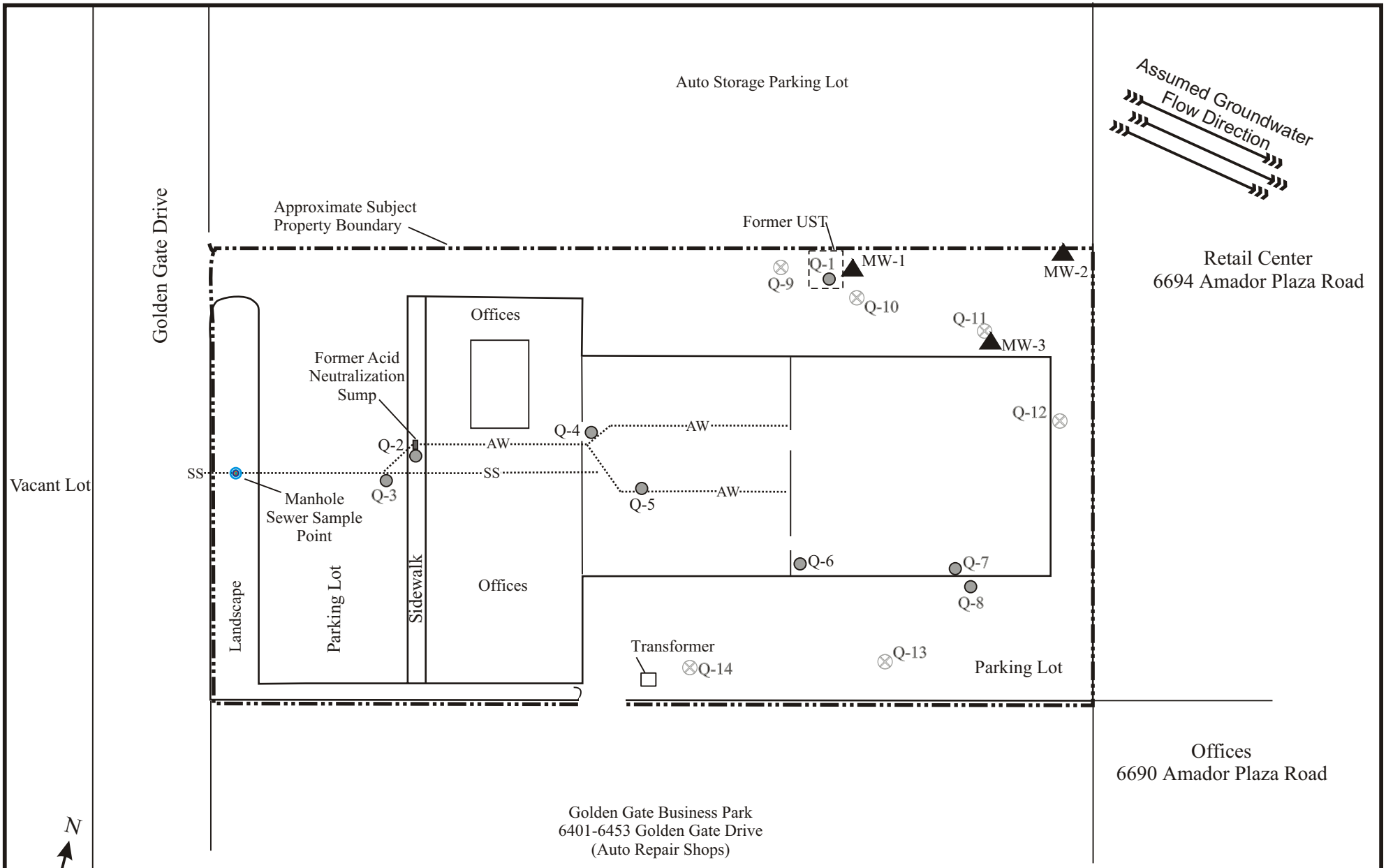

LEGEND		SITE PLAN WITH SAMPLE LOCATIONS	FIGURE
▲	Monitoring Well - Installed 1-8-09	Former Quest Laboratory Randall Foods 6511 Golden Gate Drive Dublin, California Project No. 33108-008647.00	2
AW	Acid Waste Sewer Line		
SS	Sanitary Sewer Line		
Q-2 ●	Borehole/Sample Location 12-19-03		
Q-9 ⊗	Borehole/Sample Location 1-22-04		

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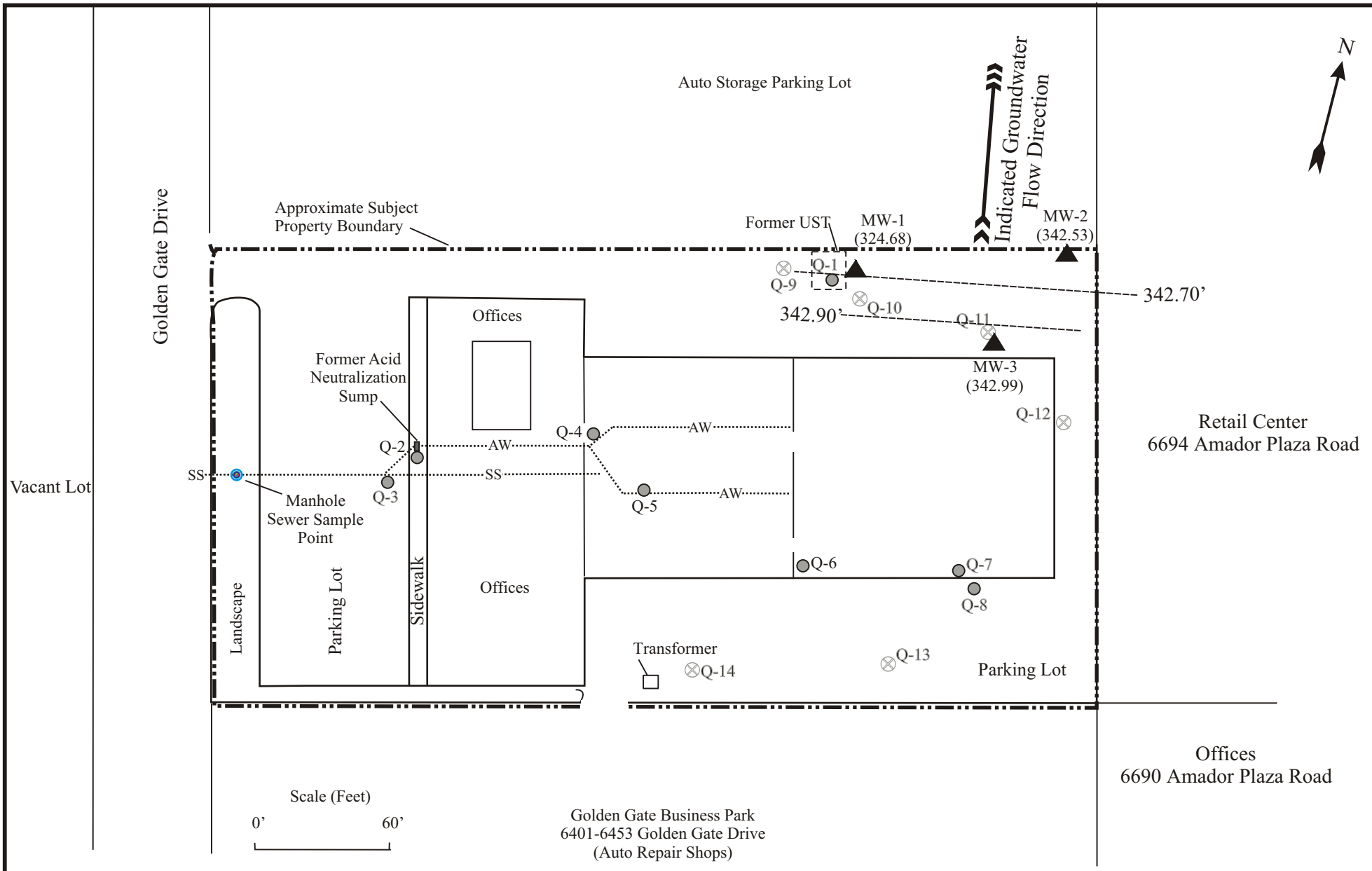

LEGEND	GROUNDWATER ELEVATION MAP 1-15-09	FIGURE
▲ Monitoring Well & ID with Groundwater Elevation in Feet (NGVD 29) 342.90'-------- Groundwater Elevation Contour for January 15, 2009 Q-2● Borehole/Sample Location 12-19-03 Q-9⊗ Borehole/Sample Location 1-22-04 SS Sanitary Sewer Line AW Acid Waste Sewer Line	Former Quest Laboratory Randall Foods 6511 Golden Gate Drive Dublin, California Project No. 33108-008647.00	3

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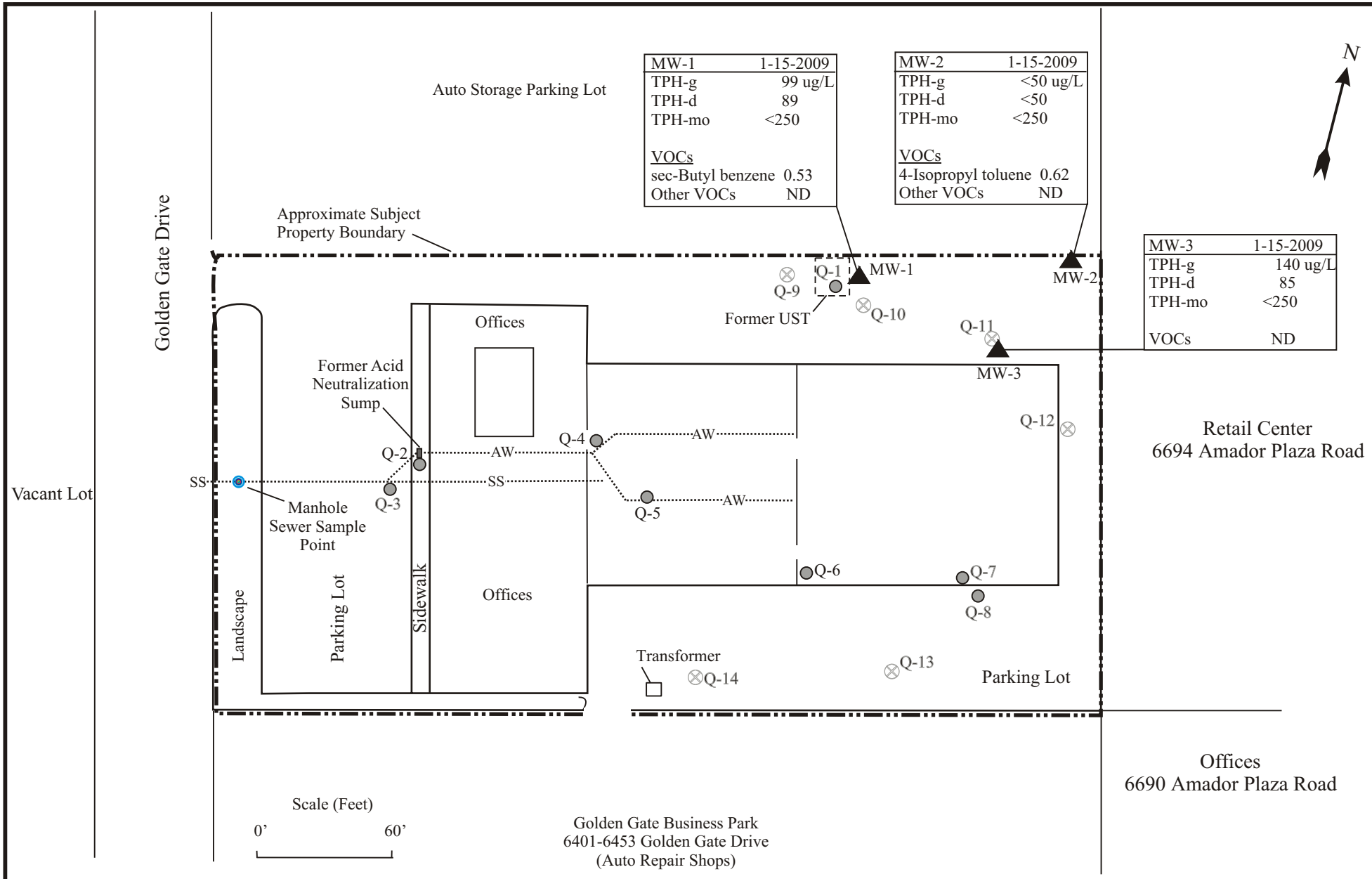

LEGEND	GROUNDWATER RESULTS January 15, 2009	FIGURE
▲ Groundwater Monitoring Well and ID Ug/L Micrograms per liter TPH Total Petroleum Hydrocarbons: gasoline (-g),diesel (-d), motor oil (-mo) VOCs Volatile Organic Compounds Q-2● Borehole/Sample Location 12-19-03 SS Sanitary Sewer Line Q-9⊗ Borehole/Sample Location 1-22-04 AW Acid Waste Sewer Line	Former Quest Laboratory Randall Foods 6511 Golden Gate Drive Dublin, California Project No. 33108-008647.00	4

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APPENDIX A

DRILLING PERMIT

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9306
E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 6511 GOLDEN GATE DR DUBLIN, CA 94568

AC FUEL LEAK CASE RO-0002860

Coordinates Source GOOGLE EARTH ft. Accuracy± 100 ft.
LAT: 37.7024 ft. LONG: -121.927 ft.
APN 941 - 1500 - 033-00

CLIENT JEFF BROWN
Name RANDALL'S FOOD & DRUG, LP C/O SAFEWAY
Address 5918 STONERIDGE MALL RD Phone 925-226-5845
City PLEASANTON, CA Zip 94588

APPLICANT
Name DONALD ASHTON — BURAAH VERITAS
Email DON.ASHTON@US.BUREAUVERITAS.com Fax 925-426-0106
Address 6920 KOLL CNTR PKWY #216 Phone 925-426-2679
City PLEASANTON, CA Zip 94566

TYPE OF PROJECT:

(Well Construction)	9	Geotechnical Investigation	9
Well Destruction	9	(Contamination Investigation)	9
Cathodic Protection	9	Other	9

PROPOSED WELL USE:

Domestic	9	Irrigation	9
Municipal	9	Remediation	9
Industrial	9	(Groundwater Monitoring)	9
Dewatering	9	Other	9

DRILLING METHOD:

Mud Rotary	9	Air Rotary	9	Hollow Stem Auger	9
Cable Tool	9	(Direct Push)	9	Other	9

DRILLING COMPANY VIRONEX, PACHECO, CA 925-521-7990
DRILLER'S LICENSE NO. 705927
WELL SPECIFICATIONS:
Drill Hole Diameter 3.5 in. Maximum Depth 25 ft.
Casing Diameter 1.0 in.
Surface Seal Depth ____ ft. Number 3

SOIL BORINGS: PREPACK WELLS MW-1, MW-2, MW-3
Number of Borings ____ Maximum
Hole Diameter ____ in. Depth ____ ft.

ESTIMATED STARTING DATE 1-12-2009
ESTIMATED COMPLETION DATE 1-17-2009

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Donald C. Ashton Date 1-23-2008

ATTACH SITE PLAN OR SKETCH

PERMIT NUMBER 28182
WELL NUMBER 3S/1W-1F33 to 1F35 (MW-1 to MW-3)
APN 941-1500-033-00

PERMIT CONDITIONS
(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to your proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original **Department of Water Resources Water Well Drillers Report (DWR Form 188), signed by the driller.**
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

G. SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after completion of permitted work the well installation report **including all soil and water laboratory analysis results.**

Approved Wyman Hong Date 12/29/08
Wyman Hong

Revised: April 23, 2008

APPENDIX B

RADIUS WELL RECORDS

"Hong, Wyman"
<WHong@zone7water.com>
01/28/2009 04:31 PM

To Don Ashton/USA/VERITAS@VERITAS
cc
bcc
Subject Well Search
Ref

Don,

Attached is a well location map for the area near (1/4 mile radius) 6511 Golden Gate Drive in Dublin and a well data file you requested.

LEGEND

Blue triangle – water supply well

Red diamond – monitoring well

Blue dot – unknown or cathodic protection well

Yellow cross – abandoned well

All open symbols – destroyed well

Wyman Hong

Water Resources Specialist

Zone 7 Water Agency

100 North Canyons Parkway

Livermore, CA 94551

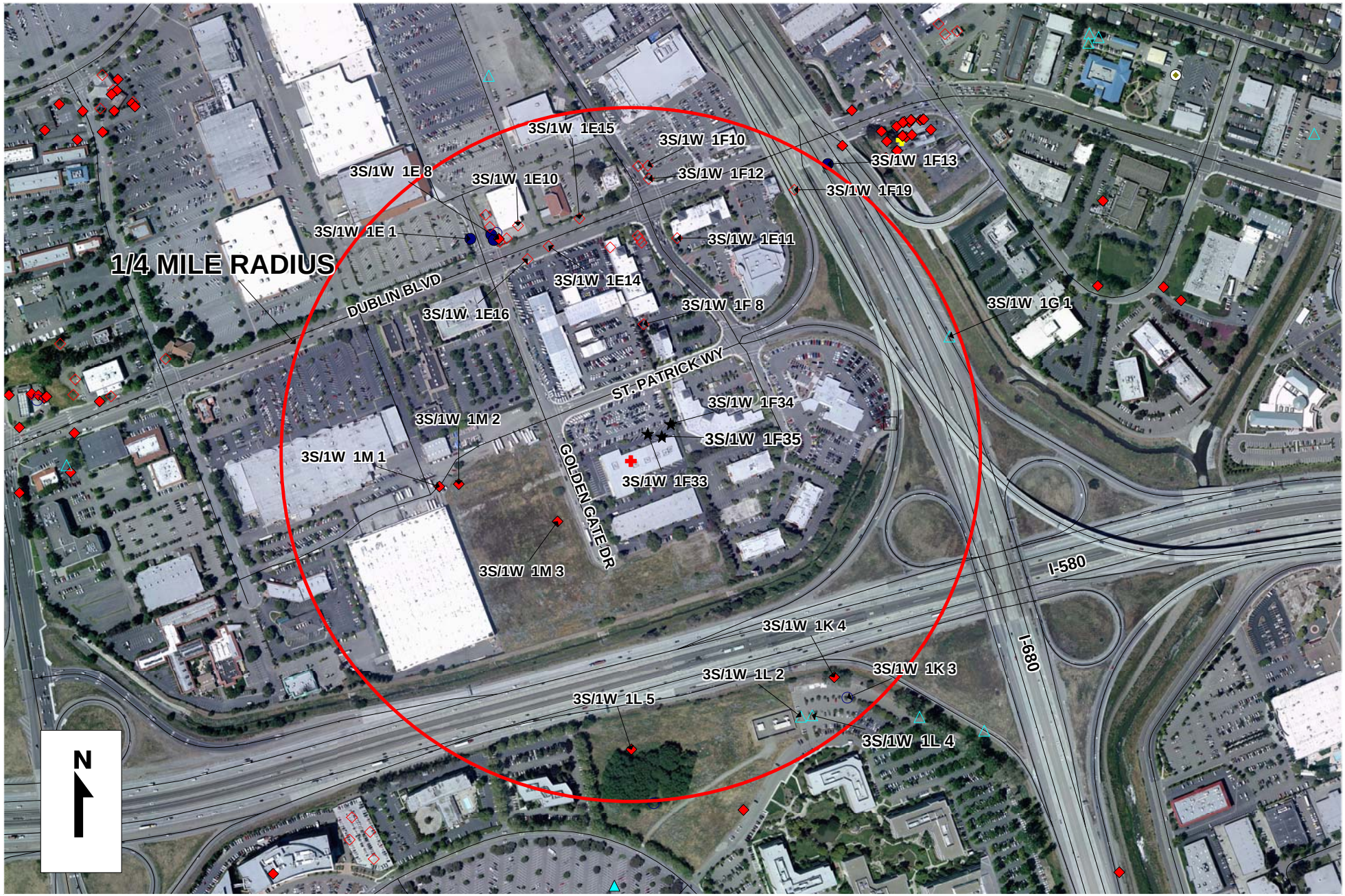
Direct Phone: (925) 454-5056

Mobile Phone: (925) 998-2350


6511 Golden Gate.xls

6511 Golden Gate.pdf

WELL #	USE	ADDRESS	CITY	OWNER	PERMIT	DRILLER	COMPLETED	DESTROYED	STATUS	LONGITUDE	LATITUDE
3S/1W 1E 1	unknown		DUBLIN		0.000000000	MCLAREN	9/19/1991	00000000		-121.929725000	37.704417000
3S/1W 1E 2	monitor	DUBLIN BLVD NR GOLDEN GATE DR	DUBLIN	MONTGOMERY WARD	0.000000000	A.D. SELDITCH	2/8/1989	4/27/1998	destroyed	-121.929335000	37.704390000
3S/1W 1E 3	unknown	DUBLIN BLVD NR GOLDEN GATE DR	DUBLIN	MONTGOMERY WARD	89636.000000000	A.D. SELDITCH	2/8/1989	00000000	destroyed	-121.929383000	37.704484000
3S/1W 1E 4	unknown	DUBLIN BLVD NR GOLDEN GATE DR	DUBLIN	MONTGOMERY WARD	0.000000000	A.D. SELDITCH	2/8/1989	00000000		-121.929451000	37.704465000
3S/1W 1E 5	unknown	DUBLIN BLVD NR GOLDEN GATE DR	DUBLIN	MONTGOMERY WARD	0.000000000	A.D. SELDITCH	2/8/1989	00000000		-121.929416000	37.704409000
3S/1W 1E 6	monitor	DUBLIN BLVD NR GOLDEN GATE DR	DUBLIN	MONTGOMERY WARD	0.000000000	A.D. SELDITCH	2/8/1989	4/27/1998	destroyed	-121.929248000	37.704428000
3S/1W 1E 7	monitor	DUBLIN BLVD NR GOLDEN GATE DR	DUBLIN	MONTGOMERY WARD	0.000000000	A.D. SELDITCH	2/8/1989	4/27/1998	destroyed	-121.929471000	37.704544000
3S/1W 1E 8	monitor	DUBLIN BLVD NR GOLDEN GATE DR	DUBLIN	MONTGOMERY WARD	0.000000000	A.D. SELDITCH	2/8/1989	00000000		-121.929350000	37.704421000
3S/1W 1E 9	monitor	DUBLIN BLVD NR GOLDEN GATE DR	DUBLIN	MONTGOMERY WARD	0.000000000	A.D. SELDITCH	8/15/1989	4/27/1998	destroyed	-121.929528000	37.704670000
3S/1W 1E10	monitor	DUBLIN BLVD NR GOLDEN GATE DR	DUBLIN	MONTGOMERY WARD	0.000000000	A.D. SELDITCH	8/15/1989	4/27/1998	destroyed	-121.929102000	37.704563000
3S/1W 1E11	monitor	AMADOR PLAZA RD & DUBLIN BLVD	DUBLIN	ENEA PROPERTIES	93636.000000000	EPIGENE	12/13/1993	4/27/1998	destroyed	-121.927012000	37.704458000
3S/1W 1E12	monitor	AMADOR PLAZA RD & DUBLIN BLVD	DUBLIN	ENEA PROPERTIES	94068.000000000	EPIGENE	2/4/1994	4/27/1998	destroyed	-121.927530000	37.704476000
3S/1W 1E13	monitor	AMADOR PLAZA RD & DUBLIN BLVD	DUBLIN	ENEA PROPERTIES	94068.000000000	EPIGENE	2/4/1994	4/27/1998	destroyed	-121.927505000	37.704442000
3S/1W 1E14	monitor	7575 DUBLIN BLVD	DUBLIN	MONTGOMERY WARD	93205.000000000	ENVIRON. AUDIT	5/4/1993	4/27/1998	destroyed	-121.928698000	37.704354000
3S/1W 1E15	monitor	7575 DUBLIN BLVD	DUBLIN	MONTGOMERY WARD	93205.000000000	ENVIRON. AUDIT	5/4/1993	4/27/1998	destroyed	-121.928299000	37.704647000
3S/1W 1E16	monitor	7575 DUBLIN BLVD	DUBLIN	MONTGOMERY WARD	93205.000000000	ENVIRON. AUDIT	5/4/1993	4/27/1998	destroyed	-121.928972000	37.704217000
3S/1W 1F 7	monitor	6670 AMADOR PLAZA RD	DUBLIN	ENEA PROPERTIES	93003.000000000	HARDING LAWSON	1/29/1993	4/27/1998	destroyed	-121.927479000	37.704403000
3S/1W 1F 8	monitor	6670 AMADOR PLAZA RD	DUBLIN	ENEA PROPERTIES	93003.000000000	HARDING LAWSON	1/29/1993	4/27/1998	destroyed	-121.927435000	37.703556000
3S/1W 1F 9	monitor	6670 AMADOR PLAZA RD	DUBLIN	ENEA PROPERTIES	93003.000000000	HARDING LAWSON	1/29/1993	4/27/1998	destroyed	-121.927889000	37.704351000
3S/1W 1F10	monitor	7499 DUBLIN BLVD.	DUBLIN	SHAMROCK FORD	93667.000000000	GEOSTRATEGIES	12/17/1993	9/1/1995	destroyed	-121.927413000	37.705206000
3S/1W 1F11	monitor	7499 DUBLIN BLVD.	DUBLIN	SHAMROCK FORD	93667.000000000	GEOSTRATEGIES	12/17/1993	9/1/1995	destroyed	-121.927538000	37.705202000
3S/1W 1F12	monitor	7499 DUBLIN BLVD.	DUBLIN	SHAMROCK FORD	93667.000000000	GEOSTRATEGIES	12/17/1993	9/1/1995	destroyed	-121.927398000	37.705071000
3S/1W 1F19	monitor	DUBLIN BLVD & I-680	DUBLIN	CALTRANS	93463.000000000	WOODWARD	8/26/1993	1/28/1999	destroyed	-121.925487000	37.704979000
3S/1W 1G 1	supply			NEVIN	0.000000000		00000000	7/1/1964	destroyed	-121.923423000	37.703475000
3S/1W 1K 3	cathode	I-580 & I-680 SW OFF RAMP	PLEASANTON	LAVWMA	0.000000000	PITCHER DRILLING	1/29/1979	2/11/2002	destroyed	-121.924690000	37.699697000
3S/1W 1K 4	monitor	I-580 & I-680	PLEASANTON	CALTRANS	93463.000000000	WOODWARD	8/23/1993	00000000		-121.924866000	37.699908000
3S/1W 1L 1	unknown	7468 MURPHY LANE	PLEASANTON	WESTERN TITLE	0.000000000		00000000	5/24/1985	destroyed	-121.927206000	37.698566000
3S/1W 1L 2	supply	I-580 & I-680	PLEASANTON	DIVISION OF FORESTRY	0.000000000		00000000	00000000	destroyed	-121.925295000	37.699492000
3S/1W 1L 4	supply	I-580 & I-680	PLEASANTON	MOZART DEVELOPMENT	0.000000000		00000000	5/25/1985	destroyed	-121.925147000	37.699507000
3S/1W 1L 5	monitor	6100 STONERIDGE MALL RD	PLEASANTON	WINDSTAR COMMUNITIES	27126.000000000	TREADWELL & ROLLO	00000000	00000000		-121.927511000	37.699122000
3S/1W 1M 1	monitor	6700 GOLDEN GATE DR, DUBLIN	DUBLIN	BEDFORD PROPERTIES	0.000000000	MITTELHAUSER	11/20/1991	00000000		-121.930079000	37.701831000
3S/1W 1M 2	monitor	6600 GOLDEN GATE DR	DUBLIN	WINDSTAR COMMUNITIES	0.000000000	TREADWELL & ROLLO	00000000	00000000		-121.929828000	37.701859000
3S/1W 1M 3	monitor	6600 GOLDEN GATE DR	DUBLIN	WINDSTAR COMMUNITIES	0.000000000	TREADWELL & ROLLO	00000000	00000000		-121.928524000	37.701486000
DUBC_AC	surface				0.000000000		00000000	00000000		-121.924182000	37.702560000
3S/1W 1F33	monitor	6511 GOLDEN GATE DR	DUBLIN	RANDALL'S FOOD & DRUG	28182.000000000	BUREAU VERITAS	00000000	00000000		0.000000000	0.000000000
3S/1W 1F34	monitor	6511 GOLDEN GATE DR	DUBLIN	RANDALL'S FOOD & DRUG	28182.000000000	BUREAU VERITAS	00000000	00000000		0.000000000	0.000000000
3S/1W 1F35	monitor	6511 GOLDEN GATE DR	DUBLIN	RANDALL'S FOOD & DRUG	28182.000000000	BUREAU VERITAS	00000000	00000000		0.000000000	0.000000000



	ZONE 7 WATER AGENCY **100 NORTH CANYONS PARKWAY** **LIVERMORE, CA 94551**	**WELL LOCATION MAP**	**SCALE: 1"= 500 ft** **DATE: 1/28/09** **6511 GOLDEN GATE DR**

APPENDIX C

BORING LOGS WITH WELL DETAILS

LOG OF MONITORING WELL

BUREAU VERITAS

Project No.:	33108-008647.00
Project Name:	Randall Foods
Location:	6511 Golden Gate Dr., Dublin, CA
Logged By:	J. Wilson

BORING NO. MW-1

Start Date:	1/8/2009	Start Time: 08:20	Elevation (ft, msl): N/A
Finish Date:	1/8/2009	Finish Time: 09:50	Boring Diameter (in) 3

Driller:	Vironex	Drill Method:	Direct Push
Hammer Weight:	N/A	Drop:	N/A

Borehole Completion Data: See Well Construction

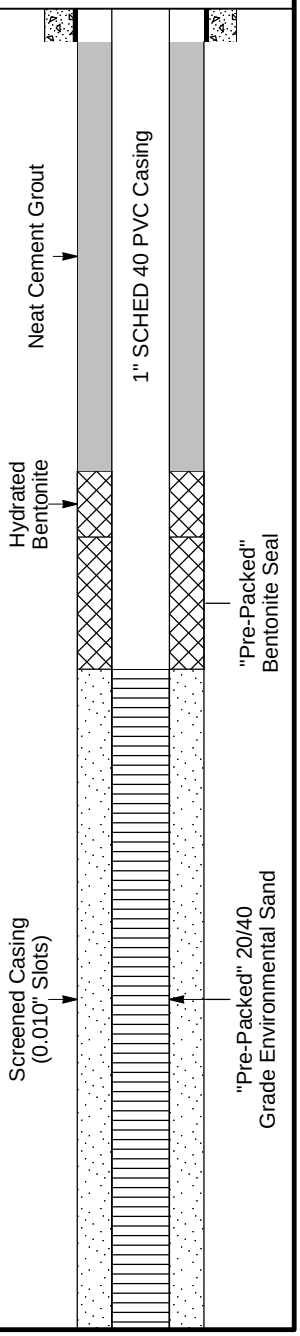
Depth To ▽ (ft)	18.0	Depth To ▼ (ft)	15.21
Time:	09:32	Time:	12:55
Date:	01/08/09	Date:	01/08/09

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
▮ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	USCS	DESCRIPTION
				0820	0		ASPHALT
					0.5	GP	SILTY GRAVEL brown, loose, dry, no odor
					1		SILTY CLAY brown/black, medium dense, damp, no odor (Fill?)
	55	3.5	0.0	0834	4		
					5	CL	trace gravel and rust-colored sand
		7.5		0845	8		increasing gravel content
	55		0.0		9.5		
					10		SILTY CLAY brown, medium dense, damp, no odor (Native?)
		11.5		0900	12		
	60		0.0		15	CL	▼ Groundwater: 15.21', 12:55, 01/08/09
		16.0		0910	16		
					17.5		wet, soft, with green discoloration and slight petroleum odor ▽
	48	19.5	1.3	0912	19		no discoloration, damp, medium dense

WELL CONSTRUCTION

Flush Well Box



LOG OF MONITORING WELL

Project No.: 33108-008647.00
Project Name: Randall Foods
Location: 6511 Golden Gate Dr., Dublin, CA
Logged By: J. Wilson

BORING NO. MW-1

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION	WELL CONSTRUCTION
	48	24.5	0.0	0915	21–25			CL	SILTY CLAY brown, medium dense, damp, no odor	Blank Casing
					26				Bottom of boring at 25 feet bgs.	
					27–44					

LOG OF MONITORING WELL

BUREAU VERITAS

Project No.:	33108-008647.00
Project Name:	Randall Foods
Location:	6511 Golden Gate Dr., Dublin, CA
Logged By:	J. Wilson

BORING NO. MW-2

Start Date: 1/8/2009	Start Time: 11:53	Elevation (ft, msl): N/A
Finish Date: 1/8/2009	Finish Time: 12:45	Boring Diameter (in) 3

Driller: Vironex	Drill Method: Direct Push
Hammer Weight: N/A	Drop: N/A

Borehole Completion Data: See Well Construction

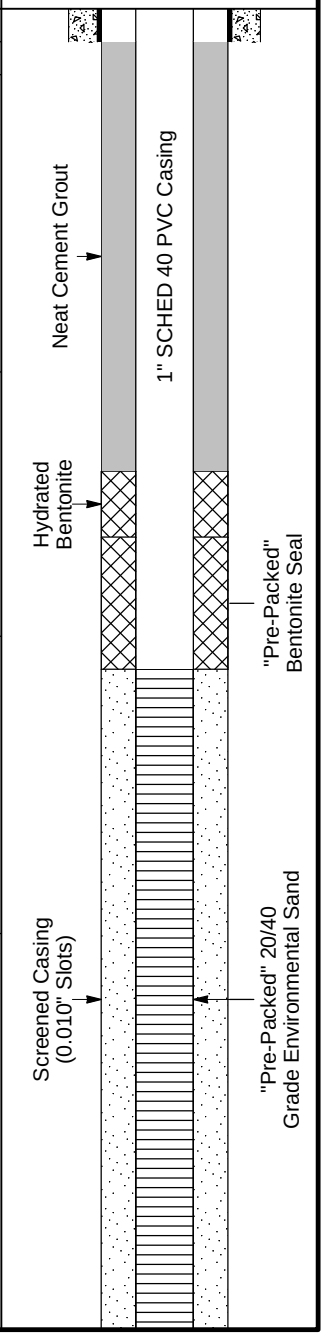
▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
▮ Sample Analyzed

Depth To ▽ (ft)	17.0	Depth To ▼ (ft)	19.19
Time:	12:20	Time:	14:10
Date:	01/08/09	Date:	01/08/09

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	USCS	DESCRIPTION
				1153			ASPHALT
						GP	SILTY GRAVEL brown, loose, dry, no odor
					1		SILTY CLAY WITH GRAVEL black, dense, dry to damp, no odor
	58	4.5	0.0	1205	2	CL	
					3		
					4		
					5		
					6		CLAYEY SILT brown/black, trace organics/roots, medium dense, dry to damp, no odor
	57	9.5	0.0	1210	7	ML	
					8		
					9		
					10		SILT brown, medium dense, damp
	56	14.5	0.4	1215	11	ML	
					12		
					13		
					14		SILTY CLAY brown, medium dense, damp, no odor
		16.5	0.4	1218	15		
					16		
					17	CL	▽ wet, soft, no odor
					18		
	52	19.5	0.0	1220	19		▼ Groundwater: 19.19', 14:10, 01/08/09 medium dense, damp Bottom of boring at 20 feet bgs.

WELL CONSTRUCTION

Flush Well Box



LOG OF MONITORING WELL

BUREAU VERITAS

Project No.:	33108-008647.00
Project Name:	Randall Foods
Location:	6511 Golden Gate Dr., Dublin, CA
Logged By:	J. Wilson

BORING NO. MW-3

Start Date:	1/8/2009	Start Time: 10:10	Elevation (ft, msl): N/A
Finish Date:	1/8/2009	Finish Time: 11:20	Boring Diameter (in) 3

Driller:	Vironex	Drill Method:	Direct Push
Hammer Weight:	N/A	Drop:	N/A

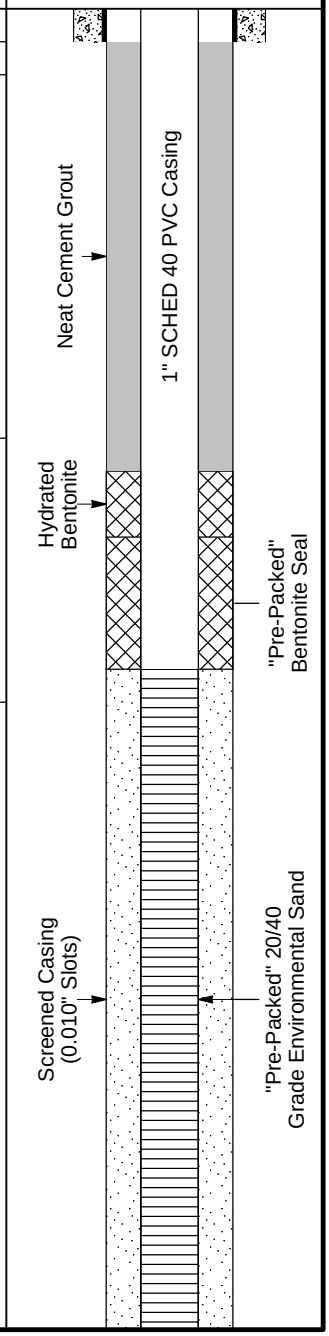
Borehole Completion Data: See Well Construction

Depth To ▽ (ft)	16.5	Depth To ▼ (ft)	16.8
Time:	10:38	Time:	14:45
Date:	01/08/09	Date:	01/08/09

▽ Encountered Groundwater Depth
▼ Static Groundwater Depth
☒ Sample Collected
▮ Sample Analyzed

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID	PID READING (ppm)	TIME	DEPTH (ft)	USCS	DESCRIPTION
				1010			ASPHALT
					0	GP	SILTY GRAVEL brown, loose, wet, no odor
					1		SILTY CLAY black, dense, damp, no odor
	55	4.5	0.0	1022	4	CL	trace organics (roots)
	57	9.5	0.0	1027	7	ML	CLAYEY SILT black, trace gravel, medium dense, damp, no odor
	60	14.5	0.3	1033	11	CL	SILTY CLAY brown, damp, medium dense, no odor
		16.0	0.4	1038	16		▼ wet, soft Groundwater: 16.8', 14:45, 01/08/09 green discoloration, petroleum odor
	48	19.5	0.5	1040	19		damp, medium dense Bottom of boring at 20 feet bgs.

WELL CONSTRUCTION



APPENDIX D

GROUNDWATER DEVELOPMENT AND SAMPLING DATA SHEETS

WELL DEVELOPMENT

Groundwater Field Gauging Data Sheet

Project Site: Former Quest Lab
Project Number: 33108-008647.00
Location: Dublin, CA
Field Personnel: A.ABEGG
Gauging Date: 1/12/09
Gallons per foot: 1"=0.04, 2"=0.17/ft, 3"=0.37/ft, 4"=0.66 ft, 6"=1.5 ft, other= r2 x 0.163

Notes: TOC = Top of Well Casing Elevation (feet)
DTP = Depth to Free Phase hydrocarbons below TOC (feet)
DIA = Well Diameter (inches)
DTW = Depth to Water Surface below TOC (feet)
DTB = Depth to Well Bottom below TOC (feet)
DTWB = Depth to Well Bottom (feet)
GW = Groundwater (feet)

Well ID	Date	Time	TOC	DIA	DTP	DTW	GW Elevation	Comments
MW-1	1/12/09	14:10	—			15.47	—	Well is brand new
MW-2	"	14:15	—			15.73	—	"
MW-3	"	14:13	—			16.16	—	"
		~~14:13~~						

WELL DEVELOPMENT

GROUNDWATER ~~SAMPLING~~ DATA SHEET

Project Name: Former QUEST LAB.	Well ID Number: MW-1
Project No.: 33108-008647.00	Sample ID Number: MW-1
Project Location: DUBLIN, CA	Date Gauged: 1/12/09
Field Technician: A. ABEGG	Date Purged: 1/13/09
Weather Conditions: sunny, clear, warm	Date Sampled: N/A
Top of Casing Elevation (ft, msl): —	Casing Diameter (inches): 1
Depth to Water Elevation (ft, btoc): 15.47	Wellhead Condition: Good
Groundwater Elevation (ft, msl): —	Presence of Wellhead Gases: No
Depth to Well Bottom (ft, btoc): 25.13	Vapor Reading (ppm): N/A
Water Column Height (ft): 9.66	Presence of SPH: No
Calculated Purge Volume (gal): 0.39	Thickness of SPH (ft): N/A
Actual Purge Volume (gal): 3.5	Comments: very silty water, became less silty & more clear

Gallons Per Foot 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (mS) (mmhos/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity (NTUs) (TDS ppm)	ORP (mV)	Odor
10:09	0	1227	19.7	—	7.15	615	—	No
10:10	.5	1242	19.3	—	7.11	619	—	"
10:12	1.0	1239	19.3	—	7.11	618	—	"
10:14	1.5	1203	19.3	—	7.11	604	—	"
10:16	2.0	1185	19.4	—	7.08	594	—	"
10:18	2.5	1180	19.4	—	7.10	598	—	"
10:19	2.7	1184	19.3	—	7.11	596	—	"
11:20	3.2	1185	19.7	—	7.08	592	—	slight petrol odor
11:25	3.5	1202	19.7	—	7.11	601	—	"

Water Level Indicator Model & No.: water level indicator	Purge Method: check ball + tubing
pH/Cond/Temp Meter Model: Hanna HI 9913 00	Purge Equipment Used: " " " "
Turbidity Meter Model: —	Purge Rate (gpm): N/A
Sample Collection Time: N/A	Chemical Laboratory: N/A
Sample Collection Method: N/A	Chemical Analysis: N/A
Sample Containers Used: N/A	

Other Field Observations: Well purged dry during 7th purge event. Allowed to recharge
~~Purged dry during 7th purge event.~~

WELL DEVELOPMENT

GROUNDWATER SAMPLING DATA SHEET

Project Name: FORMER QUEST LAB.	Well ID Number: MW-2
Project No.: 33108-008647.00	Sample ID Number: MW-2
Project Location: DUBLIN, CA	Date Gauged: 1/13/089
Field Technician: A. ABEGG	Date Purged: 1/13/09
Weather Conditions: clear, sunny, warm	Date Sampled: —
Top of Casing Elevation (ft, msl): 19.98 —	Casing Diameter (inches): 1
Depth to Water Elevation (ft, btoc): 15.73	Wellhead Condition: Good
Groundwater Elevation (ft, msl): —	Presence of Wellhead Gases: N/6
Depth to Well Bottom (ft, btoc): 19.06	Vapor Reading (ppm): N/A
Water Column Height (ft): 3.33	Presence of SPH: No
Calculated Purge Volume (gal): 0.13	Thickness of SPH (ft): N/A
Actual Purge Volume (gal): 1.75	Comments: water originally very silty, became much clearer.

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (mmhos/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity (NTUs) TDS (ppm)	ORP (mV)	Odor
9:15	0	958	14.8	—	7.37	437	—	No
9:17	.75	926	17.0	—	7.14	463	—	"
9:21	1	931	16.9	—	7.06	466	—	"
9:25	1.5	930	16.5	—	6.99	464	—	"
9:27	1.75	932	16.5	—	6.97	462	—	"

Water Level Indicator Model & No.: Water Level Indicator	Purge Method: check ball + tubing
pH/Cond/Temp Meter Model: Hanna HI 99130	Purge Equipment Used: " " " "
Turbidity Meter Model: —	Purge Rate (gpm): N/A
Sample Collection Time: N/A	Chemical Laboratory: N/A
Sample Collection Method: N/A	Chemical Analysis: N/A
Sample Containers Used: N/A	
Other Field Observations: well went dry during 5th purge event.	

WELL DEVELOPMENT

GROUNDWATER ~~SAMPLING~~ DATA SHEET

Project Name: FORMER QUEST LAB.	Well ID Number: ~~MW~~ MW-3
Project No.: 33108-008647.00	Sample ID Number: MW-3
Project Location: DUBLIN, CA	Date Gauged: 1/12/09
Field Technician: A. ABEGG	Date Purged: 1/12/09 – 1/13/09
Weather Conditions: sunny, clear, 60's	Date Sampled: —
Top of Casing Elevation (ft, msl):	Casing Diameter (inches): 1
Depth to Water Elevation (ft, btoc): ~~15.93~~ 16.16	Wellhead Condition: good
Groundwater Elevation (ft, msl):	Presence of Wellhead Gases: no
Depth to Well Bottom (ft, btoc): 19.29	Vapor Reading (ppm): N/A
Water Column Height (ft): 3.13	Presence of SPH: No
Calculated Purge Volume (gal): 0.13	Thickness of SPH (ft): N/A
Actual Purge Volume (gal): 1-12 0.2g 1/13 3.0g	Comments: Surged from 14:25-14:35, H₂O is very silty. Became clearer.

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, Other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (mmhos/cm) µS	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity (NTUs) ppm	ORP (mV)	Odor
14:59	0	928	18.2		~~7.5~~ 7.08	464		
15:09	1/20 gal	916	16.8		7.15	458		pH. odor slt
15:26	1/10	850	15.8		7.15	427		"
15:54	1/5 ~~total~~	841	15.7		7.30	414		"
1/13 10:38	~~0.2~~ +.5	671	16.4		7.05	339		pH. odor
10:49	+1.0	479	16.3		6.76	238		"
10:51	+.5	458	16.1		6.76	227		"
10:57	+.5	352	16.0		6.75	174		"
11:10	+.5	354	15.8		6.75	177		"
/	3.0g							
/								

Water Level Indicator Model & No.: Level indicator	Purge Method: Check-ball tube + bailer
pH/Cond/Temp Meter Model: Hanna 991300	Purge Equipment Used: " " " " "
Turbidity Meter Model: —	Purge Rate (gpm): —
Sample Collection Time: /	Chemical Laboratory: McCAMPBELL
Sample Collection Method: /	Chemical Analysis: —
Sample Containers Used: /	

Other Field Observations: Purged dry during 4th purge event (15:54). Allowed to recharge. 1/13/09: Added 1/2 gallon DI water + purged it at 10:34, + 1/2 gallons 10:47, + 1/2 gallons @ 10:54, + 1/2 gal 11:01. Purged dry. 11:10

SAMPLING

Groundwater Field Gauging Data Sheet

Project Site: FORMER QUEST LAB.
Project Number: 33108-088647.00
Location: Dublin, CA
Field Personnel: A.ABEGG
Gauging Date: 1/15/09

Gallons per foot: 1"=0.04, 2"=0.17/ft, 3"= 0.37/ft, 4"=0.66/ft, 6"= 1.5/ft, other= r2 x 0.163

Notes: TOC = Top of Well Casing Elevation (feet)
DTP = Depth to Free Phase hydrocarbons below TOC (feet)
DIA = Well Diameter (inches)
DTW = Depth to Water Surface below TOC (feet)
DTB = Depth to Well Bottom below TOC (feet)
DTWB = Depth to Well Bottom (feet)
GW = Groundwater (feet)

Well ID	Date	Time	TOC	DIA	DTP	DTW	GW Elevation	Comments
MW-1	1/15/09	10:27		1	N/A	15.59		
MW-2	"	10:26		1	N/A	15.79		
MW-3	"	10:25		1	N/A	16.21		

GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Quest Laboratory		Well ID Number:	MW-1
Project No.: 33108-008647.00		Sample ID Number:	MW-1
Project Locatic Dublin, CA		Date Gauged:	1/15/2009
Field Technician: Alyssa Abegg		Date Purged:	1/15/2009
Weather Conditions: clear, sunny, 60's		Date Sampled:	1/15/09
Top of Casing Elevation (ft, msl):		Casing Diameter (inches	1
Depth to Water Elevation (ft, btoc):	15.59	Wellhead Condition:	good
Groundwater Elevation (ft, msl):		Presence of Wellhead Gases:	NO
Depth to Well Bottom (ft, btoc):	25.13	Vapor Reading (ppm):	N/A
Water Column Height (ft):	9.54	Presence of SPH:	NO
Calculated Purge Volume (gal):	2.38	Thickness of SPH (ft):	N/A
Actual Purge Volume (gal):	1.2	Comments:	—

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (mmhos/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity TDS (NTUs) ppm	ORP (mV)	Odor
11:28	.4	950	19.6	—	7.00	475	—	NO
11:30	.8	928	19.8	—	6.88	463	—	"
11:34	.8	928	20.0	—	6.85	462	—	" sweet smell,
11:35	1.0	914	20.0	—	6.86	457	—	slight (possible) petroleum odor
11:37	1.2	896	20.1		6.84	448	—	"

Water Level Indicator Model & No.:	Waterline meter	Purge Method:	peristaltic pump
pH/Cond/Temp Meter Model:	Hanna HI 991300	Purge Equipment Used:	(1)
Turbidity Meter Model:	—	Purge Rate (gpm):	
Sample Collection Time:	11:40	Chemical Laboratory:	McCampbell Analytical
Sample Collection Method:	peri. pump	Chemical Analysis:	See COC
Sample Containers Used:	1 Liter, 3 VOAs		

Other Field Observations: ~~first purge volume~~ initially: silty, cloudy, medium brown, ~~2nd~~ 1st purge volume: still cloudy, but clarifying. 2nd purge volume: still slightly cloudy, semi-opaque

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Quest Laboratory	Well ID Number:	~~MW-3~~ MW-2
Project No.:	33108-008647.00	Sample ID Number:	~~MW-3~~ MW-2
Project Locatic	Dublin, CA	Date Gauged:	1/15/2009
Field Technician:	Alyssa Abegg	Date Purged:	1/15/2009
Weather Conditions:	clear, sunny, 60's	Date Sampled:	1/15/2009
Top of Casing Elevation (ft, msl):		Casing Diameter (inches	1
Depth to Water Elevation (ft, btoc):	15.79	Wellhead Condition:	Good
Groundwater Elevation (ft, msl):		Presence of Wellhead Gases:	no
Depth to Well Bottom (ft, btoc):	~~19.29~~ 19.06	Vapor Reading (ppm):	N/A
Water Column Height (ft):	~~3.50~~ 3.27	Presence of SPH:	no
Calculated Purge Volume (gal):	0.13	Thickness of SPH (ft):	N/A
Actual Purge Volume (gal):	0.5	Comments:	—

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (µS mmhos/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity (TDS ppm) (NTUs)	ORP (mV)	Odor
12:15	0.125	927	20.5	—	7.10	462	—	no
12:16	0.250	920	20.5	—	6.89	460	—	No
12:19	0.375	920	20.4	—	6.89	459	—	No
12:21	0.500	918	20.5	—	6.88	459	—	NO

Water Level Indicator Model & No.:	Water Level Meter	Purge Method:	peristaltic pump
pH/Cond/Temp Meter Model:	Hanna HI 991300	Purge Equipment Used:	1) 2)
Turbidity Meter Model:	—	Purge Rate (gpm):	
Sample Collection Time:	12:25	Chemical Laboratory:	McCampbell Analytical
Sample Collection Method:	peristaltic pump	Chemical Analysis:	see coc
Sample Containers Used:	1 liter, 3 vods		

Other Field Observations: 1st purge volume: silty, medium brown, cloudy. 2nd purge volume = slightly cloudy

~~but~~.

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Quest Laboratory	Well ID Number:	MW-3
Project No.:	33108-008647.00	Sample ID Number:	MW-3
Project Locatic	Dublin, CA	Date Gauged:	1/15/2009
Field Technician:	Alyssa Abegg	Date Purged:	1/15/2009
Weather Conditions:	clear, sunny, ~60's.	Date Sampled:	1/15/2009
Top of Casing Elevation (ft, msl):		Casing Diameter (inches):	1
Depth to Water Elevation (ft, btoc):	16.21	Wellhead Condition:	Good
Groundwater Elevation (ft, msl):		Presence of Wellhead Gases:	No
Depth to Well Bottom (ft, btoc):	19.29	Vapor Reading (ppm):	N/A
Water Column Height (ft):	3.08	Presence of SPH:	No
Calculated Purge Volume (gal):	0.12	Thickness of SPH (ft):	N/A
Actual Purge Volume (gal):	0.375	Comments:	—

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (mmhos/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity TDS (NTUs) ppm	ORP (mV)	Odor
10:58	0.125	636	18.7	—	7.15	318	—	no
11:01	0.25	629	19.0	—	6.80	313	"	"
11:04	0.375	667	19.3	—	6.67	333	—	"

Water Level Indicator Model & No.:	water level indicator	Purge Method:	peristaltic pump.
pH/Cond/Temp Meter Model:	Hanna, HI991300	Purge Equipment Used:	" "
Turbidity Meter Model:	—	Purge Rate (gpm):	
Sample Collection Time:	12:45	Chemical Laboratory:	McCampbell Analytical
Sample Collection Method:	peristaltic pump	Chemical Analysis:	see COC.
Sample Containers Used:	1 liter, voas		

Other Field Observations: water is slightly cloudy, never clear. Well dry during 3rd purge event. Allowed to re-charge to 80% of water column. DTW @ time of sampling = 16.56

APPENDIX E

LAND SURVEY DATA

Virgil Chavez Land Surveying
721 Tuolumne Street
Vallejo, California 94590
(707) 553-2476 • Fax (707) 553-8698

February 6, 2009
Project No.: 2879-04

Don Ashton
Bureau Veritas North America, Inc.
6920 Koll Center Parkway, Suite 216
Pleasanton, CA 94566

Subject: Monitoring Well Survey
6511 Golden Gate Drive
Dublin, CA

Dear Don:

This is to confirm that we have proceeded at your request to survey the ground water monitoring well at the above referenced location. The survey was completed on January 28, 2009. The benchmark for this survey was an Alameda County benchmark "DUB-680", a cut "T" in the top of curb above a catch basin on the northerly side of Dublin Blvd., approx 122 feet westerly of the centerline of I-680. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83).
Benchmark Elevation = 331.60 feet (NGVD 29).

Latitude	Longitude	Northing	Easting	Elev.	Desc.
				343.00	RIM MW-1
37.7024117	-121.9273725	2081375.24	6148738.32	342.68	TOC MW-1
				342.95	RIM MW-2
37.7025263	-121.9270694	2081415.64	6148826.65	342.53	TOC MW-2
				343.43	RIM MW-3
37.7023859	-121.9271301	2081364.77	6148808.29	342.99	TOC MW-3

Sincerely,

Virgil D. Chavez, PLS 6323

APPENDIX F

LABORATORY ANALYTICAL DATA SHEETS AND CHAIN-OF-CUSTODY RECORDS

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
	Client Contact: Jeremy Wilson	Date Reported: 01/22/09
	Client P.O.:	Date Completed: 01/22/09

WorkOrder: 0901244

January 22, 2009

Dear Jeremy:

Enclosed within are:

1) The results of the **5** analyzed samples from your project: **# 33108-008647.00; Safeway,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0901244

CHAIN OF CUSTODY

BUREAU VERITAS

Lab: MCCAMPBELL

TAT: **Standard**

Report results to:

Name	Jeremy Wilson
Company	Bureau Veritas NA, Inc.
Mailing Address	6920 Koll Center Parkway, Ste. 216
City, State, Zip	Pleasanton, California 94566
Telephone No.	(925) 426-2670
Fax No.	(925) 426-0106

jeremy.wilson@us.bureauveritas.com
don.ashton@us.bureauveritas.com

Project Information

Project No.	33108-008647.00
Name	Safeway
Location	6511 Golden Gate Dr Dublin, CA

Special instructions and/or specific regulatory requirements:
GEOTRACK (EDD) FORMAT REQUIRED

Sample Identification	Date Sampled	Time Sampled	Matrix/ Media	No. of Conts.	TPH-g, TPH-d 8015M SGCU	VOCs 8260B with oxygenates	HOLD	Sample Condition/Comments	Preservative
MW-1-3.5'-4.0'	08-Jan-09	834	SOIL	1			X	Received 1/16	ICE
MW-1-7.5'-8.0'	08-Jan-09	845	SOIL	1	X	X		~~Mark~~ Received 1/16	ICE
MW-1-11.5'-12.0'	08-Jan-09	900	SOIL	1	X	X			ICE
MW-1-16.0'-16.5'	08-Jan-09	910	SOIL	1			X		ICE
MW-1-19.5'-20.0'	08-Jan-09	912	SOIL	1			X	Received 1/16	ICE
MW-1-24.5'-25.0'	08-Jan-09	915	SOIL	1			X		ICE
MW-2-4.5'-5.0'	08-Jan-09	1205	SOIL	1	X	X			ICE
MW-2-9.5'-10.0'	08-Jan-09	1210	SOIL	1			X		ICE
MW-2-14.5'-15.0'	08-Jan-09	1215	SOIL	1	X	X			
MW-2-16.5'-17.0'	08-Jan-09	1218	SOIL	1			X		

Collected by: Jeremy Wilson & DON ASHTON **Collector's Signature:** _____ **Date/Time** 1/8/09

Relinquished by: _____ **Date/Time** 1-14-09 16:00 **Received by:** ENVIROTECH **Date/Time** 1-14-09 16:41

Relinquished by: ENVIROTECH **Date/Time** 1-14-09 17:40 **Received by:** Quy Phan **Date/Time** _____

Method of Shipment: _____ **Sample Condition on Rcpt:** _____

Quy Phan 1-14-09 6:05p.m.
R. Burks 1-14-09

ICE / t° 7.8
GOOD CONDITION ___ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ___ PRESERVED IN LAB ___
DECHLORINATED IN LAB ___
PRESERVATION VOAS | O & G | METALS | OTHER

CHAIN OF CUSTODY

BUREAU VERITAS

Lab: MCCAMPBELL

TAT: **Standard**

Report results to:

Name	Jeremy Wilson
Company	Bureau Veritas NA, Inc.
Mailing Address	6920 Koll Center Parkway, Ste. 216
City, State, Zip	Pleasanton, California 94566
Telephone No.	(925) 426-2670
Fax No.	(925) 426-0106

jeremy.wilson@us.bureauveritas.com
don.ashton@us.bureauveritas.com

Project Information

Project No.	33108-008647.00
Name	Safeway
Location	6511 Golden Gate Dr Dublin, CA

Special instructions and/or specific regulatory requirements:

Sample Identification	Date Sampled	Time Sampled	Matrix/ Media	No. of Conts.	TPH-g, TPH-d 8015M SGCU	VOCs 8260B with oxygenates	HUCO	Sample Condition/Comments	Preservative
MW-2-19.5'-20.0'	08-Jan-09	1220	SOIL	1			X		ICE
MW-3-4.5'-5.0'	08-Jan-09	1022	SOIL	1	X	X	X		ICE
MW-3-9.5'-10.0'	08-Jan-09	1027	SOIL	1			X		ICE
MW-3-14.5'-15.0'	08-Jan-09	1033	SOIL	1	X	X			ICE
MW-3-16.0'-16.5'	08-Jan-09	1038	SOIL	1			X		ICE
MW-3-19.5'-20.0'	08-Jan-09	1040	SOIL	1			X		ICE
	08-Jan-09		SOIL	1					ICE
	08-Jan-09		SOIL	1					ICE
	08-Jan-09		SOIL	1					
	08-Jan-09		SOIL	1					

Collected by: Jeremy Wilson & Don Ashton **Collector's Signature:** [signature] **Date/Time** 1/8/09

Relinquished by: [signature] **Date/Time** 1-14-09 16:00 **Received by:** EnviroTech T.L. **Date/Time** 1-14-09/16:41

Relinquished by: EnviroTech TL **Date/Time** 1-14-09 17:45 **Received by:** Quy Phan **Date/Time** _____

Method of Shipment: _____ **Sample Condition on Rcpt:** _____

Quy Phan 1-14-09 6:05pm
K. Burks 1-14-09

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0901244 **ClientCode: BVP**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Wilson
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
(925) 426-2600 FAX: (925) 426-0106

Email: jeremy.wilson@us.bureauveritas.com
cc:
PO:
ProjectNo: # 33108-008647.00; Safeway

Bill to:
Joan Miller
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
joan.miller@us.bureauveritas.com

Requested TAT: 5 days

Date Received: **01/14/2009**
Date Printed: **01/22/2009**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0901244-002	MW-1-7.5'-8.0'	Soil	1/8/2009 8:45	☐	A	A	A									
0901244-003	MW-1-11.5'-12.0'	Soil	1/8/2009 9:00	☐	A		A									
0901244-007	MW-2-4.5'-5.0'	Soil	1/8/2009 12:05	☐	A		A									
0901244-009	MW-2-14.5'-15.0'	Soil	1/8/2009 12:15	☐	A		A									
0901244-014	MW-3-14.5'-15.0'	Soil	1/8/2009 10:33	☐	A		A									

Test Legend:

1	8260B_S	2	PREDF REPORT	3	TPH(DMO)WSG_S	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 002A, 003A, 007A, 009A, 014A contain testgroup.

Prepared by: Kimberly Burks

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Bureau Veritas**

Date and Time Received: **1/14/2009 6:18:00 PM**

Project Name: **# 33108-008647.00; Safeway**

Checklist completed and reviewed by: Kimberly Burks

WorkOrder N°: **0901244** Matrix Soil

Carrier: EnviroTech

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 7.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Bureau Veritas	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Jeremy Wilson	Date Extracted: 01/16/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 01/21/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901244

Lab ID	0901244-002A
Client ID	MW-1-7.5'-8.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	95	%SS2:	99
%SS3:	107		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Bureau Veritas	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Jeremy Wilson	Date Extracted: 01/14/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 01/16/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901244

Lab ID	0901244-003A
Client ID	MW-1-11.5'-12.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	86	%SS2:	89
%SS3:	92		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Bureau Veritas	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Jeremy Wilson	Date Extracted: 01/14/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 01/16/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901244

Lab ID	0901244-007A
Client ID	MW-2-4.5'-5.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	86	%SS2:	90
%SS3:	90		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Bureau Veritas	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Jeremy Wilson	Date Extracted: 01/14/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 01/16/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901244

Lab ID	0901244-009A
Client ID	MW-2-14.5'-15.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	87	%SS2:	89
%SS3:	90		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Bureau Veritas	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Jeremy Wilson	Date Extracted: 01/14/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 01/16/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901244

Lab ID	0901244-014A
Client ID	MW-3-14.5'-15.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	86	%SS2:	89
%SS3:	91		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Telephone: 877-252-9262 Fax: 925-252-9269

Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
	Client Contact: Jeremy Wilson	Date Extracted: 01/14/09-01/16/09
	Client P.O.:	Date Analyzed 01/15/09-01/20/09

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B Analytical methods: SW8015Bm Work Order: 0901244

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
002A	MW-1-7.5'-8.0'	S	ND	1	85
003A	MW-1-11.5'-12.0'	S	ND	1	81
007A	MW-2-4.5'-5.0'	S	ND	1	88
009A	MW-2-14.5'-15.0'	S	ND	1	84
014A	MW-3-14.5'-15.0'	S	ND	1	83

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Bureau Veritas	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Jeremy Wilson	Date Extracted: 01/14/09-01/16/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 01/15/09-01/17/09

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550C/3630C Analytical methods: SW8015B Work Order: 0901244

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0901244-002A	MW-1-7.5'-8.0'	S	ND	ND	1	96
0901244-003A	MW-1-11.5'-12.0'	S	ND	ND	1	101
0901244-007A	MW-2-4.5'-5.0'	S	1.5,e7,e2	6.9	1	101
0901244-009A	MW-2-14.5'-15.0'	S	ND	ND	1	106
0901244-014A	MW-3-14.5'-15.0'	S	ND	ND	1	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern
e7) oil range compounds are significant

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 40784 WorkOrder: 0901244

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0901171-012A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	76.4	77.2	0.981	78.3	77.7	0.806	60 - 130	30	60 - 130	30
Benzene	ND	0.050	108	108	0	109	110	1.09	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	76.8	82.4	7.02	82.4	76.3	7.59	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	102	100	1.23	102	102	0	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	98.1	97	1.10	98.7	96.2	2.52	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	99.3	99	0.367	99.3	99.2	0.117	60 - 130	30	60 - 130	30
1,1-Dichloroethene	ND	0.050	74.8	75.3	0.611	76.3	75.9	0.556	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	95.4	95.5	0.0200	94.6	95	0.421	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	99.5	99.9	0.453	100	100	0	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	88	88.9	1.05	90.5	88.4	2.30	60 - 130	30	60 - 130	30
Toluene	ND	0.050	119	118	0.622	120	120	0	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	108	107	0.830	108	111	2.37	60 - 130	30	60 - 130	30
%SS1:	86	0.12	92	93	1.70	93	92	0.227	70 - 130	30	70 - 130	30
%SS2:	95	0.12	92	92	0	93	92	0.326	70 - 130	30	70 - 130	30
%SS3:	106	0.012	82	83	1.12	83	84	0.708	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40784 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901244-003A	01/08/09 9:00 AM	01/14/09	01/16/09 3:51 AM	0901244-007A	01/08/09 12:05 PM	01/14/09	01/16/09 4:35 AM
0901244-009A	01/08/09 12:15 PM	01/14/09	01/16/09 5:18 AM	0901244-014A	01/08/09 10:33 AM	01/14/09	01/16/09 6:02 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 40809 WorkOrder: 0901244

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0901222-023A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	82.6	82.2	0.487	88.3	77.8	12.6	60 - 130	30	60 - 130	30
Benzene	ND	0.050	108	107	1.15	115	95.6	18.1	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	93.6	79.8	15.9	97.9	74.1	27.7	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	104	103	1.40	111	94.1	16.4	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	103	102	0.974	111	90.9	19.9	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	105	103	1.79	110	95.3	14.8	60 - 130	30	60 - 130	30
1,1-Dichloroethene	ND	0.050	77.7	75.6	2.81	81	72.7	10.8	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	97.9	97.9	0	105	82.8	23.3	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	106	105	0.751	112	90.7	20.6	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	97	93.7	3.54	101	78	25.9	60 - 130	30	60 - 130	30
Toluene	ND	0.050	122	120	1.83	128	107	17.7	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	111	110	1.41	119	104	13.5	60 - 130	30	60 - 130	30
%SS1:	87	0.12	97	97	0	98	92	6.32	70 - 130	30	70 - 130	30
%SS2:	88	0.12	98	96	1.28	97	97	0	70 - 130	30	70 - 130	30
%SS3:	91	0.012	86	86	0	83	78	6.06	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40809 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901244-002A	01/08/09 8:45 AM	01/16/09	01/21/09 7:51 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 40754 WorkOrder: 0901244

EPA Method SW8015B **Extraction SW3550C/3630C** **Spiked Sample ID: 0901171-008A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	20	77.1	77	0.176	93.6	88.3	5.77	70 - 130	30	70 - 130	30
%SS:	98	50	90	90	0	98	91	7.39	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40754 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901244-002A	01/08/09 8:45 AM	01/16/09	01/17/09 2:37 PM	0901244-003A	01/08/09 9:00 AM	01/14/09	01/15/09 7:40 AM
0901244-007A	01/08/09 12:05 PM	01/14/09	01/15/09 5:26 PM	0901244-009A	01/08/09 12:15 PM	01/14/09	01/15/09 2:08 PM
0901244-014A	01/08/09 10:33 AM	01/14/09	01/15/09 1:00 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 40770 WorkOrder: 0901244

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 0901181-005A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	102	104	1.96	97.1	111	13.1	70 - 130	20	70 - 130	20
MTBE	ND	0.10	97.9	101	2.98	99.6	94.6	5.19	70 - 130	20	70 - 130	20
Benzene	ND	0.10	90.6	87.1	3.98	101	101	0	70 - 130	20	70 - 130	20
Toluene	ND	0.10	89.2	88.1	1.15	113	115	1.77	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	95.1	96.4	1.31	111	112	1.29	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	104	106	2.05	120	123	2.15	70 - 130	20	70 - 130	20
%SS:	105	0.10	93	81	14.2	104	102	2.06	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40770 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901244-003A	01/08/09 9:00 AM	01/14/09	01/15/09 10:35 PM	0901244-007A	01/08/09 12:05 PM	01/14/09	01/15/09 11:05 PM
0901244-009A	01/08/09 12:15 PM	01/14/09	01/15/09 11:36 PM	0901244-014A	01/08/09 10:33 AM	01/14/09	01/16/09 12:06 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 40813 | WorkOrder: 0901244

EPA Method SW8015Bm | **Extraction SW5030B** | **Spiked Sample ID: 0901225-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	92.5	103	10.6	92	93.8	1.97	70 - 130	20	70 - 130	20
MTBE	ND	0.10	87.4	105	18.2	114	94.9	18.0	70 - 130	20	70 - 130	20
Benzene	ND	0.10	88.2	98	10.5	107	101	5.80	70 - 130	20	70 - 130	20
Toluene	ND	0.10	78.9	88.3	11.2	93.5	90.7	3.02	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	87.6	98.7	12.0	98.9	103	3.64	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	81.1	96	16.8	90.4	98.6	8.67	70 - 130	20	70 - 130	20
%SS:	74	0.10	92	85	8.53	96	80	18.5	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40813 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901244-002A	01/08/09 8:45 AM	01/16/09	01/20/09 4:09 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
	Client Contact: Jeremy Wilson	Date Reported: 01/22/09
	Client P.O.:	Date Completed: 01/26/09

WorkOrder: 0901244

January 28, 2009

Dear Jeremy:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **# 33108-008647.00; Safeway,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

CHAIN OF CUSTODY

Lab: MCCAMPBELL

0901244

TAT: **Standard**

BUREAU VERITAS

Report results to:

Name	Jeremy Wilson
Company	Bureau Veritas NA, Inc.
Mailing Address	6920 Koll Center Parkway, Ste. 216
City, State, Zip	Pleasanton, California 94566
Telephone No.	(925) 426-2670
Fax No.	(925) 426-0106
	jeremy.wilson@us.bureauveritas.com
	don.ashton@us.bureauveritas.com

Project Information

Project No.	33108-008647.00
Name	Safeway
Location	6511 Golden Gate Dr
	Dublin, CA

Special instructions and/or specific regulatory requirements:

Sample Identification	Date Sampled	Time Sampled	Matrix/ Media	No. of Conts.	TPH-g, TPH-d 8015M SGCU	VOCs 8260B with oxygenates	HOLD	Sample Condition/Comments	Preservative
MW-2-19.5'-20.0'	08-Jan-09	1220	SOIL	1			X		ICE
MW-3-4.5'-5.0'	08-Jan-09	1022	SOIL	1	X	X	X	off hold 1/23/09 per email Say	ICE
MW-3-9.5'-10.0'	08-Jan-09	1027	SOIL	1			X		ICE
MW-3-14.5'-15.0'	08-Jan-09	1033	SOIL	1	X	X			ICE
MW-3-16.0'-16.5'	08-Jan-09	1038	SOIL	1			X		ICE
MW-3-19.5'-20.0'	08-Jan-09	1040	SOIL	1			X		ICE
	08-Jan-09		SOIL						ICE
	08-Jan-09		SOIL						ICE
	08-Jan-09		SOIL						
	08-Jan-09		SOIL						

Collected by: Jeremy Wilson & Don Ashton **Collector's Signature:** _____ **Date/Time** 1/8/09

Relinquished by: Don Ashton **Date/Time** 1-14-09 16:00 **Received by:** Envirotech T.L. **Date/Time** 1-14-09 16:41

Relinquished by: Envirotech TL **Date/Time** 1-14 09 17:4 **Received by:** Quy Phan **Date/Time** _____

Method of Shipment: _____ **Sample Condition on Rcpt:** _____

Quy Phan 1-14-09 6:05pm

K. Burks 1-14-09

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 090124 A **ClientCode: BVP**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jeremy Wilson
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
(925) 426-2607 FAX (925) 426-0106

Email: jeremy.wilson@us.bureauveritas.com
cc:
PO:
ProjectNo: # 33108-008647.00; Safeway

Bill to:
Joan Miller
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
joan.miller@us.bureauveritas.com

Requested TAT: 5 days
Date Received: **01/14/2009**
Date Add-On: **01/23/2009**
Date Printed: **01/23/2009**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
0901244-012	MW-3-4.5'-5.0'	Soil	1/8/2009 10:22	☐	A	A	A									

Test Legend:

1	8260B_S	2	G-MBTEX_S	3	TPH(DMO)WSG_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Kimberly Burks

Comments: Sample 012 off hold 1/23/09

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Bureau Veritas	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Jeremy Wilson	Date Extracted: 01/23/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 01/23/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901244

Lab ID	0901244-012A
Client ID	MW-3-4.5'-5.0'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	94	%SS2:	96
%SS3:	86		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
	Client Contact: Jeremy Wilson	Date Extracted: 01/23/09
	Client P.O.:	Date Analyzed 01/24/09

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline *

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 0901244

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
012A	MW-3-4.5'-5.0'	S	ND	1	78

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: # 33108-008647.00; Safeway	Date Sampled: 01/08/09
		Date Received: 01/14/09
	Client Contact: Jeremy Wilson	Date Extracted: 01/23/09
	Client P.O.:	Date Analyzed: 01/24/09

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550C/3630C Analytical methods: SW8015B Work Order: 0901244

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0901244-012A	MW-3-4.5'-5.0'	S	ND	ND	1	105

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 40867 | WorkOrder 0901244

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0901335-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	81.7	83.6	2.28	79.9	79.5	0.512	60 - 130	30	60 - 130	30
Benzene	ND	0.050	108	111	2.43	105	105	0	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	82.2	87.4	6.11	88.3	92.4	4.53	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	111	113	1.67	101	103	1.06	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	105	107	1.87	100	99.4	0.906	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	92.4	94.2	1.94	101	101	0	60 - 130	30	60 - 130	30
1,1-Dichloroethene	ND	0.050	87	88	1.12	85	85.2	0.257	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	86.7	88.5	2.06	91.7	92.8	1.23	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	98.5	101	2.90	101	101	0	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	88.9	91.4	2.80	91.1	92	1.05	60 - 130	30	60 - 130	30
Toluene	ND	0.050	127	130	2.12	120	119	1.29	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	113	118	3.69	110	110	0	60 - 130	30	60 - 130	30
%SS1:	94	0.12	85	86	0.983	92	91	0.818	70 - 130	30	70 - 130	30
%SS2:	96	0.12	95	95	0	97	98	0.484	70 - 130	30	70 - 130	30
%SS3:	79	0.012	96	92	5.18	87	88	1.29	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40867 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901244-012A	01/08/09 10:22 AM	01/23/09	01/23/09 8:54 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 40894 WorkOrder 0901244

EPA Method SW8015B **Extraction SW3550C/3630C** **Spiked Sample ID: 0901335-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	19	20	126	126	0	90.4	91.2	0.866	70 - 130	30	70 - 130	30
%SS:	99	50	100	103	2.75	103	104	0.891	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40894 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901244-012A	01/08/09 10:22 AM	01/23/09	01/24/09 6:21 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 40895 WorkOrder 0901244

EPA Method SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 0901335-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	109	108	0.360	115	98.6	15.5	70 - 130	20	70 - 130	20
MTBE	ND	0.10	92.2	91	1.24	89.6	83.1	7.53	70 - 130	20	70 - 130	20
Benzene	ND	0.10	83.5	83.3	0.174	100	108	7.41	70 - 130	20	70 - 130	20
Toluene	ND	0.10	82.4	83.8	1.64	113	122	7.66	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	87.1	89.3	2.55	113	121	7.11	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	101	102	1.58	119	129	7.50	70 - 130	20	70 - 130	20
%SS:	89	0.10	104	94	9.69	101	112	10.2	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40895 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901244-012A	01/08/09 10:22 AM	01/23/09	01/24/09 7:50 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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Telephone: 877-252-9262 Fax: 925-252-9269

Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33108-008647.00; Former Quest Laboratory	Date Sampled: 01/15/09
		Date Received: 01/15/09
	Client Contact: Alyssa Abegg	Date Reported: 01/21/09
	Client P.O.:	Date Completed: 01/21/09

WorkOrder: 0901271

January 21, 2009

Dear Alyssa:

Enclosed within are:

1) The results of the **3** analyzed samples from your project: **#33108-008647.00; Former Quest L**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

0901271

CHAIN OF CUSTODY

Lab: McCampbell Analytical

TAT: Standard

Report results to:

Name	Alyssa Abegg
Company	Bureau Veritas
Mailing Address	6920 Koll Center Parkway, Ste. 216
City, State, Zip	Pleasanton, California 94566
Telephone No.	(925) 426-2600
Fax No.	(925) 426-0106
Email:	alyssa.abegg@us.bureauveritas.com

Project Information

Project No.	33108-008647.00
Name	Former Quest Laboratory
Location	Dublin, CA

Special instructions and/or specific regulatory requirements:
Geotracker Global ID = T06019799610

EDD Format for Geotracker
Yes ___ X (circled) No ___

Sample Identification	Date Sampled	Time Sampled	Matrix/ Media	No. of Conts.	Analyses Requested: 8260 w/ BTEX and Oxygenates	Analyses Requested: 8015C Multi-Scan, SGCU for THP-d and	Sample Condition/Comments	Preservative
MW-1	1/~~12~~15/2009	11:40	Water	4	X	X		ice
MW-2	1/~~12~~15/2009	12:25	Water	4	X	X		ice
MW-3	1/~~12~~15/2009	12:45	Water	4	X	X		ice

ICE/T° 5.0
GOOD CONDITION ___ APPROPRIATE CONTAINERS
HEAD SPACE ABSENT ___ PRESERVED IN LAB ___
DECHLORINATED IN LAB ___
PRESERVATION: VOAS | O & G | METALS | OTHER

Collected by: Alyssa Abegg 1/15/09

Collector's Signature: Alyssa Abegg

Relinquished by: Alyssa Abegg **Date/Time** 1/15/09 14:55

Received by: EnviroTech Labs **Date/Time** 1/15/09 16:46

Relinquished by: EnviroTech Labs **Date/Time** 1/15/09 17:20

Received by: Derek Cash **Date/Time** 1-15-09 17:20

Method of Shipment: Derek Cash 1-15-09 1755

Sample Condition on Rcpt: ✓

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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0901271 **ClientCode: BVP**

☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Alyssa Abegg
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
(925) 426-2600 FAX (925) 426-0106

Email: alyssa.abegg@us.bureauveritas.com
cc:
PO:
ProjectNo: #33108-008647.00; Former Quest Laboratory

Bill to:
Joan Miller
Bureau Veritas
6920 Koll Center Pkwy, Ste. 216
Pleasanton, CA 94566
joan.miller@us.bureauveritas.com

Requested TAT: 5 days

Date Received: **01/15/2009**
Date Printed: **01/21/2009**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0901271-001	MW-1	Water	1/15/2009 11:40	☐	B	A	A									
0901271-002	MW-2	Water	1/15/2009 12:25	☐	B	A										
0901271-003	MW-3	Water	1/15/2009 12:45	☐	B	A										

Test Legend:

1	8260B_W	2	G-MBTEX_W	3	PREDF REPORT	4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A contain testgroup.

Prepared by: Samantha Arbuckle

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **Bureau Veritas**
Date and Time Received: **1/15/09 7:18:03 PM**

Project Name: **#33108-008647.00; Former Quest Laboratory**
Checklist completed and reviewed by: Samantha Arbuckle

WorkOrder N°: **0901271** Matrix Water
Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Bureau Veritas	Client Project ID: #33108-008647.00; Former Quest Laboratory	Date Sampled: 01/15/09
		Date Received: 01/15/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Alyssa Abegg	Date Extracted: 01/20/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 01/20/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901271

Lab ID	0901271-001B
Client ID	MW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	0.53	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	94	%SS2:	94
%SS3:	98		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Bureau Veritas	Client Project ID: #33108-008647.00; Former Quest Laboratory	Date Sampled: 01/15/09
		Date Received: 01/15/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Alyssa Abegg	Date Extracted: 01/20/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 01/20/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901271

Lab ID	0901271-002B
Client ID	MW-2
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	0.62	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	98	%SS2:	95
%SS3:	103		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Bureau Veritas	Client Project ID: #33108-008647.00; Former Quest Laboratory	Date Sampled: 01/15/09
		Date Received: 01/15/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Alyssa Abegg	Date Extracted: 01/20/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed 01/20/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901271

Lab ID	0901271-003B
Client ID	MW-3
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	99	%SS2:	94
%SS3:	106		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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Bureau Veritas 6920 Koll Center Pkwy, Ste. 216 Pleasanton, CA 94566	Client Project ID: #33108-008647.00; Former Quest Laboratory	Date Sampled: 01/15/09
		Date Received: 01/15/09
	Client Contact: Alyssa Abegg	Date Extracted: 01/16/09
	Client P.O.:	Date Analyzed 01/16/09

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method SW5030B Analytical methods SW8015Bm Work Order: 0901271

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	MW-1	W	99,d7,d9	1	108
002A	MW-2	W	ND	1	101
003A	MW-3	W	140,d7,d9	1	112

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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Bureau Veritas	Client Project ID: #33108-008647.00; Former Quest Laboratory	Date Sampled: 01/15/09
		Date Received: 01/15/09
6920 Koll Center Pkwy, Ste. 216	Client Contact: Alyssa Abegg	Date Extracted: 01/15/09
Pleasanton, CA 94566	Client P.O.:	Date Analyzed: 01/16/09-01/20/09

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C Analytical methods: SW8015B Work Order: 0901271

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0901271-001A	MW-1	W	89,e4,e2	ND	1	83
0901271-002A	MW-2	W	ND	ND	1	116
0901271-003A	MW-3	W	85,e4,e2	ND	1	118

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

#) cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract; &) low or no surrogate due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40859 WorkOrder: 0901271

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0901300-001C**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	10	96.7	99.1	2.48	96.7	94.6	2.12	70 - 130	30	70 - 130	30
Benzene	ND	10	109	109	0	105	111	5.55	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	85.8	89.3	3.99	78.1	87.8	11.6	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	108	105	2.71	95.7	101	5.69	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	116	115	1.09	105	112	6.26	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	92.3	93.6	1.36	106	107	1.13	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	83.2	81.2	2.40	77.7	84.1	7.90	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	98.8	97.9	0.974	92.5	103	10.2	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	109	110	1.21	107	113	5.76	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	99.1	102	2.92	92	102	10.2	70 - 130	30	70 - 130	30
Toluene	ND	10	129	122	5.22	104	112	6.68	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	111	108	2.94	108	111	2.55	70 - 130	30	70 - 130	30
%SS1:	96	25	86	87	1.39	98	97	0.483	70 - 130	30	70 - 130	30
%SS2:	92	25	97	96	1.29	91	90	0.431	70 - 130	30	70 - 130	30
%SS3:	99	2.5	77	76	2.01	80	80	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40859 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901271-001B	01/15/09 11:40 AM	01/20/09	01/20/09 12:09 PM	0901271-002B	01/15/09 12:25 PM	01/20/09	01/20/09 12:47 PM
0901271-003B	01/15/09 12:45 PM	01/20/09	01/20/09 1:25 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40843 WorkOrder 0901271

EPA Method SW8015Bm **Extraction SW5030B** **Spiked Sample ID: 0901266-006B**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	94.2	96.8	2.72	113	116	2.75	70 - 130	20	70 - 130	20
MTBE	ND	10	92.3	94.5	2.44	98.4	102	3.67	70 - 130	20	70 - 130	20
Benzene	ND	10	87.4	89.2	1.99	92.9	94.8	2.02	70 - 130	20	70 - 130	20
Toluene	ND	10	86.8	88	1.45	96.5	97	0.548	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	90	93.2	3.57	98.6	98.2	0.454	70 - 130	20	70 - 130	20
Xylenes	ND	30	99.8	103	3.50	111	111	0	70 - 130	20	70 - 130	20
%SS:	99	10	92	93	0.451	101	102	0.917	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40843 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901271-001A	01/15/09 11:40 AM	01/16/09	01/16/09 6:25 PM	0901271-002A	01/15/09 12:25 PM	01/16/09	01/16/09 6:55 PM
0901271-003A	01/15/09 12:45 PM	01/16/09	01/16/09 7:26 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40845 WorkOrder: 0901271

EPA Method SW8015B **Extraction SW3510C/3630C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	95.3	96.8	1.55	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	98	102	3.85	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 40845 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901271-001A	01/15/09 11:40 AM	01/15/09	01/20/09 6:23 PM	0901271-002A	01/15/09 12:25 PM	01/15/09	01/16/09 3:49 PM
0901271-003A	01/15/09 12:45 PM	01/15/09	01/16/09 2:41 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644

QA/QC Officer