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Alameda County
Environmental Health

NOzaki & Associates
3390 Dwight Way
Berkeley, California 94704

March 10, 2009

Barbara Jakub
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Regarding: RO#0002869, Environmental Data Report and Request for a no-further-action (NFA) closure at 1240 Powell Street, Emeryville, CA 2009-03-10

Dear Ms. Jakub:

Attached is a report that includes the most recent analytical results from groundwater sampling at 1240 Powell Street in Emeryville, California (the Site). The data report is presented within a historical context summarizing the environmental history of the Site in order to request a no-further-action closure from the Alameda County Department of Environmental Health (ACDEH).

During the history of the Site, the property was once the former location of a gasoline service station during the late 1950s until 1974, when the service station was demolished and the associated underground storage tanks (USTs) and dispensing equipment removed. In the mid-1980s, a 4000-gallon gasoline UST was installed and used by one of the tenants of a two-story office building that was constructed onsite in 1982. This tank was removed in November 1991. Although AEI Consultants, one of the environmental consulting companies that investigated the Site, indicated that they could not find documentation of the removal of the 4000-gallon UST, a report obtained from ACDEH reports that Aqua Science Engineers, Inc (ASE) removed the UST on November 22, 1991. Further discussion about this tank is presented in this report.

The Site has been the focus of a limited number of studies. Although low concentrations of total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, toluene (BTEX), methyl-tertiary-butyl ether (MTBE), and 1,2-dichloroethane (1,2-DCA) have been reported in soil and

groundwater, the only indication that the presence of residual chemicals might represent an environmental concern were five grab groundwater samples collected by AEI at SB-2 in 2002 that exceeded the San Francisco Bay Regional Water Quality Control Board's (RWQCB) Environmental Screening Level (ESL) of 210 ug/L for $TPH_{gasoline}$ and TPH_{diesel} that apply to Shallow Soils ≤3m, and where groundwater is not a current or potential source of drinking water (RWQCB 2007 Revised May 2008, Table B). Site-specific environmental data is presented in Tables 1 and 2 of this report.

Groundwater samples collected downgradient from SB-2 at MW-2 have always been non-detect for $TPH_{gasoline}$ over a period of seven years since it was first sampled by AEI; and aside for one detected concentration of 81 ug/L of TPH_{diesel} in 2002, MW-2 has been non-detect for TPH diesel over a period of five years since the first and only detection in 2002 (Table 1). BTEX have never been detected in groundwater downgradient of the excavated service station USTs (Table 1). None of the chemical concentrations found in soil have ever exceeded residential ESLs (Table 2).

Although some low residual concentrations of 1,2-DCA remain in groundwater at MW-2 at this time, all other chemicals detected over the past seven years have diminished to non-detect levels. Even the detected concentrations of 1,2-DCA have shown decreasing concentrations over the 7-year period. Currently, at a concentration of 4.1 ug/L (arithmetic average of the original sample and the duplicate), it is considerably lower than its ESL of 200 ug/L.

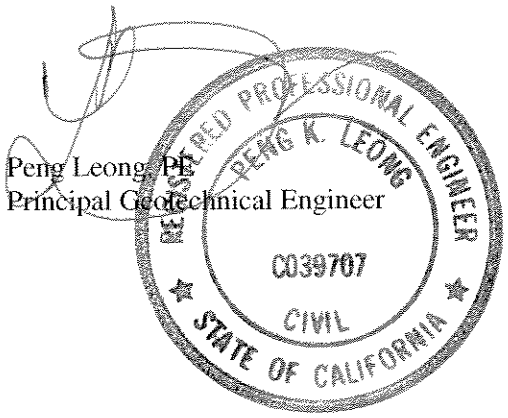
In conclusion, there is historical evidence that a petroleum hydrocarbon release most likely occurred during the period when the Site was used as a service station from the late 1950s until 1974. That evidence lies in the environmental sampling data collected by AEI in 2002. Whether due to natural attenuation over the 28 years since the USTs were removed and when AEI performed their Phase II investigation, or because the spill was not significant, the data collected by AEI in 2002 indicated the presence of a relatively small number of detected chemicals at low concentrations. 1,2-DCA is the only chemical found in downgradient groundwater samples at this time. All other chemicals are now at non-detect levels.

In view of the findings based on the presented data in the accompanying report, a no-further-action closure is requested for this Site. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge. If you have any questions or comments, please feel free to contact Mr. Ron Silberman or me. I can be reached by telephone at 510-301-9869 or by email at nozaki4472@gmail.com.

Sincerely,

Norman T. Ozaki, Ph.D.
Principal Toxicologist

Peng Leong, PE
Principal Geotechnical Engineer



Attachment

cc: Ron Silberman

ENVIRONMENTAL DATA REPORT
And REQUEST FOR A NO-FURTHER-ACTION CLOSURE
1240 Powell Street
Emeryville, California 94608

Prepared for:

Mr. Ron Silberman
1240 Powell Street Associates
5835 Doyle Street, Suite 101
Emeryville, CA 94608

Prepared by:

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3390 Dwight Way
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March 10, 2009

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Environmental Data Report
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1240 Powell Street
Emeryville, California 94608

1.0 BACKGROUND

The property in question located at 1240 Powell Street in Emeryville, California, 94608 (the Site) has a history of land-use that dates to the 1940s. The Site currently consists of approximate 10,000 square feet located at the northwest corner of Powell and Vallejo Street (see Figures 1 and 2). It has been improved with a two-story office building measuring approximately 12,200 square feet. The eastern portion of Site is improved with parking and landscaped areas.

Past Site characterization activities consisted of both Phase I and Phase II investigations including the installation of three groundwater monitoring wells (MW-1, MW-2, and MW-3) by AEI Consultants in September 2002. AEI concluded that soil and groundwater beneath the Site were affected by petroleum hydrocarbons apparently from an onsite release. Three subsequent rounds of groundwater sampling in October 2004, September 2005, and most recently in January of 2009 have been completed by SOMA Corporation (SOMA).

According to a Phase I report prepared by AEI Consultants (AEI, 2001a), the Site was vacant prior to the 1930s. AEI is an environmental consulting company that was retained by Wells Fargo Bank to perform various environmental studies of the Site. Their reports, and one by Aqua Science Engineers, Inc. (ASE, 1991), appear to be the only environmental studies completed and available concerning this Site. SOMA has been performing groundwater sampling and analyses since October 2004; however, since the results of the sampling indicated either predominantly non-detect or declining concentrations of insignificant levels, no formal reports were prepared for the present

owner. The SOMA groundwater data has been compiled and presented in Table 1. The laboratory data certificates are presented in Appendices A, B, and C. Available reports and other accounts used in the preparation of this report are identified in the Reference section of this data report.

Although the property currently bears the address 1240 Powell Street, the property has been identified by other addresses throughout its history. According to AEI, the following addresses applied to this Site (AEI 2001a):

Table A. Variations in the Site Address.

Address	Date of Address	Land-Use
1250 Powell Street	1911 Sanborn Map	Vacant
1250 Powell Street	1930 Aerial	One small commercial building in the southeast portion of the lot.
1234 Powell Street	1968 Sanborn Map	Gas Station
5805 Vallejo Street	1968 Sanborn Map	Gas Station
1234 Powell Street	1969	Gas Station
1240 Powell Street	1981	Vacant

This data report summarizes the previously available reports and presents historical information and environmental data associated with the Site. In addition to presenting the most recent round of groundwater sampling results, this report and the accompanying cover letter represent a request to Alameda County Department of Environmental Health (ACDEH) for a no-further-action file closure of the Site (NFA).

2.0 SITE HISTORY

According to AEI, the property was vacant land prior to 1930. A restaurant occupied the property during the 1940s and 1950s. Beginning in the late 1950s until 1974, the property was the site of a gas station. Record of two 6000-gallon USTs, one 2000-gallon UST and one 550-gallon waste oil UST were documented in the files maintained by the Emeryville Building Department in 1969 (AEI 2002a). In that year, the northern-most

6000-gallon tank was replaced with a 10,000-gallon UST. In 1974, the gas station was demolished and all underground storage tanks (USTs) and above ground facilities were permitted for removal. No record of any soil or groundwater samples has remained from the removal activities. The Site was subsequently used as an open-air produce market until the early 1980s when the current two-story building present onsite was constructed for office use in 1982 (AEI 2001a). The site use has largely remained unchanged since the construction of the two-story office building.

A 4000-gallon gasoline UST was installed sometime after the completion of the office building in conjunction with business activities that were conducted at the Site. According to AEI, the 4000-gallon UST was used to fuel delivery trucks (AEI 2001a, 2002ab). This tank was scheduled for removal according to a permit issued by the Emeryville Fire Department and an *Underground Tank Closure Plan* approved by the Alameda County Department of Environmental Health on November 8, 1991 (ASE, 1991). The tank was successfully removed on November 22, 1991 (ASE 1991).

3.0 ENVIRONMENTAL HISTORY AND CHARACTERIZATION

Based on available documents, there are two sources of environmental concern in the history of the Site. The most recent was a 4000-gallon gasoline UST that was installed at the Site sometime after 1982. It was excavated and disposed offsite in 1991. The second source of environmental concern was the existence of a gasoline service station from the late 1950s through 1974, when the gas station was demolished.

3.1 The 4000-gallon UST

The 4000-gallon UST was installed sometime after construction of the two-story building and was used for storing and dispensing gasoline. Documents presented in the AEI Phase I report indicate that the UST was owned by Frank Garza of Garza and Associates (AEI 2001a). It was removed for offsite disposal on November 22, 1991 under the oversight of

Susan Hugo, then, the Project Specialist for the ACDEH and George Warren of the Emeryville Fire Department (ASE, 1991). AEI identified ASE as the UST removal contractor; however, because AEI failed to locate a removal report during their Phase I activities, they concluded that ASE did not file a removal report either with the Emeryville Fire Department or with ACDEH (AEI, 2001a). AEI indicated that they performed a follow-up interview with ASE in conjunction with their Phase I activities (AEI 2001a). AEI was told that ASE recalled removing the UST; however, it appears that ASE did not mention their December 4, 1991 UST removal report.

ASE completed a tank removal report entitled, *Project Report, Underground Storage Tank Removal at Garza and Associates, 1240 Powell Street, Emeryville, CA 94608*, on December 4, 1991. The report was prepared for Mr. Frank Garza. It appears that either Frank Garza or ASE submitted the report to ACDEH. There is a date stamp on the title page of the report with the date, December 19, 1991, 12:23 PM, although it has not been verified that the date stamp belongs to ACDEH. SOMA obtained the report from ACDEH and the date stamp approximates the date of the report.

As of 2005, the regulatory status of the 4000-gallon UST had not been resolved. A subsequent file review of the documents in ACDEH's files yielded among other things, hand written notes submitted by "SH" (presumably Ms. Susan Hugo) indicating that she had approved ASE's tank removal work plan on November 8, 1991. ASE's December 4, 1991 *Underground Storage Tank Removal Report* contains a copy of the work plan with an official ACDEH stamp signed by Susan Hugo approving the work plan on November 8, 1991. Further, her notes indicate that the UST was removed on November 22, 1991, and her entry for November 25,1991 indicated that laboratory analytical results, presumably resulting from the environmental samples collected according to her directions (in the work plan), were all non-detect for "both TPH gasoline & BTX&E." (A copy of these notes is attached to this report as Appendix D.)

A review of ASE's report of December 4, 1991 indicates that the 4000-gallon UST was removed on November 22, 1991. Visual inspection of the tank, as reported by ASE, revealed the absence of corrosion and evidence of leaks, the underlying soil showed no signs of gasoline contamination, no gasoline odors, and air quality monitoring as measured with a field instrument (TEI organic vapor analyzer model 580A) at the time of removal showed no evidence of organic vapors near the edge of the excavation (ASE 1991). The analytical results from the soil samples collected beneath the tank and from the stock piled soil were all non-detect for $TPH_{gasoline}$, benzene, toluene, ethylbenzene, and xylene (Table 2). Although tetraethyl lead was phased out beginning in 1976, and by 1979 methyl tertiary butyl ether (MTBE) was in use, it appears that ASE included lead in its analytical suite. Tetraethyl lead is considered volatile in a mixture of gasoline and unless lead as tetraethyl lead is extracted from environmental samples as a volatile, it will be lost if standard extraction methods for metals are used. Very low concentrations of total lead were reported; however, the detected concentrations appear to be within natural background concentrations rather than attributable to anthropogenic sources (Table 3). According to ASE, the tank removal activities of November 22, 1991 were witnessed by Susan Hugo and George Warren. There is an absence of any documentation indicating that ACDEH had issued any UST NFA closure approval based on ASE's 1991 UST Removal Report.

ASE followed an ACDEH-approved work plan for environmental sampling following the removal of the 4000-gallon UST. In view of the fact that all soil samples collected by ASE did not indicate the presence of any residual TPH as gasoline-related chemicals, an NFA closure of this UST is appropriate at this time, and is requested by Ron Silberman, the current property owner.

3.2 Gasoline Service Station

According to historical documents identified by AEI, a gasoline service station existed onsite from the late 1950s through 1974 (AEI 2001a). The service station consisted of

two 6000-gallon USTs, one 2000-gallon UST, and one 550-gallon waste-oil UST. In 1969, the northern 6000-gallon UST was replace with a 10,000-gallon UST (Figure 2). According to an Emeryville Building Permit dated June 27, 1974, "…all above ground and below ground facilities" were identified for removal (AEI 2001a). No record of actual removal or any soil or groundwater samples have been recorded from the demolition of the service station (AEI 2002a).

In the absence of any environmental data documenting the environmental conditions resulting from the USTs used at the service station, on February 7, 2002, AEI Consultants (AEI) performed Phase 2 environmental sampling at the request of Wells Fargo Bank. AEI drilled 8 shallow soil borings and collected soil and grab groundwater samples. According to AEI, the boring locations were selected based on the locations of the USTs and associated piping (Figure 2). During the boring activities, AEI reported fuel hydrocarbon odors at depth in borings SB-1, SB-2 and SB-5. An evaluation of the boring logs and groundwater analytical results indicated the presence of residual concentrations of $TPH_{gasoline}$ and TPH_{diesel} in groundwater at these locations (Table1 and 2); however, soil samples did not reflect the presence of odors. Further, for reasons not made clear, no soil samples were collected at SB-2. The boring log simply indicated low soil recovery for an interval of 4 feet between 4 to 8 feet bgs.

Relatively low concentrations of TPH gasoline and TPH diesel were detected in soil (47 mg/kg and 5.8 mg/kg respectively) at one sampling location, SB-1 (Figure 2, Table 2). These two concentrations are considerably lower than the Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control District (RWQCB) for commercial/industrial and residential land use. The ESLs used for evaluating the significance of the residual concentrations of $TPH_{gasoline}$ and TPH_{diesel} in soil is 210 ug/L, and is found in Table B of *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater* (RWQCB 2007 Revised 2008). Table B criteria apply to Shallow Soils (≤3m bgs) where groundwater is not a current or potential

source of drinking water. No residual concentrations of benzene, toluene, ethylbenzene, xylene (BTEX), MTBE, and 1,2-dichloroethane 1,2-DCA), that were found in groundwater, were found in soil during AEI's Phase 2 investigation (Tables 1 & 2).

As noted in Basics Environmental (Basics) 2008 *Environmental Transaction Screen* review of AEI's two environmental reports (AEI 2002ab), groundwater analytical results showed the presence of low concentrations of petroleum hydrocarbons as $TPH_{gasoline}$ and TPH_{diesel} including BTEX, MTBE, and 1,2-DCA (Basics 2008). Five groundwater samples exceeded RWQCB's ESL for $TPH_{gasoline}$ and TPH_{diesel} at SB-1W, SB-2W, and SB-8W (Table 1). These samples were collected from soil borings in 2002 by AEI (AEI 2002a). The elevated results may have been due to the fact that these early groundwater samples were grab groundwater samples and may have contained soil in the sample.

Subsequently, AEI installed three groundwater monitoring wells on behalf of Wells Fargo Bank. The well locations were surveyed in by Mr. David Logan (California Professional land Surveyor No. 5003) on August 15, 2002 (AEI 2002b). Groundwater elevation data are presented in Table 4. The groundwater gradient and flow direction based on the data in Table 4 are presented in Figures 3A through 3D, and summarized in Figure 3. The relationship of MW-2 to the dispensing stations and the USTs that were used at the service station, as well as SB-2, is downgradient each time MW-2 was sampled (Figure 3).

The one UST location that was inaccessible at the time AEI performed their Phase II investigation was the former location of the 550-gallon waste-oil UST. It appears to be beneath the foundation of the 2-story building. No investigation observations can be made about the former location of this UST at this time.

4.0 CONCLUSIONS

There appears to be adequate information about the 4000-gallon UST in ASE's 1991 report entitled, *Project Report, Underground Storage Tank Removal at Garza and Associates, 1240 Powell Street, Emeryville, California* to warrant a NFA closure. No residual TPH-related chemicals were found in the soil after removal. This situation was confirmed by visual observations of the condition of the UST during removal, the absence of TPH-related odors from the soil, and the condition of the surrounding soil as acknowledged by Susan Hugo in 1991 (ACDEH nd).

After four rounds of groundwater sampling between 2002 and 2009, analytical results indicated that the low concentrations of TPH_{diesel}, MTBE, and 1,2-DCA that were detected in groundwater were below their respective ESLs (Table 1). During the last round of groundwater sampling, all TPH-related chemicals were non-detect with the exception of 1,2-DCA. It was detected at a concentration of 4.1 ug/L (Table 1, the arithmetic average of the original sample at 4.8 ug/L and its duplicate at 3.3 ug/L). Residual concentrations of 1,2-DCA also reflected a decreasing concentration of 5.1 ug/L in 2002 to 4.1 ug/L in 2009. Further, all historical concentrations of 1,2-DCA were well below its RWQCB's groundwater ESL of 200 ug/L. The condition of the groundwater quality is supported by the results of soil analyses. It appears from AEI's 2002 soil sampling that some leakage may have occurred from the onsite USTs, but the concentrations reported were low compared to the RWQCB's ESLs. None of the detected concentrations of TPH diesel, MTBE, and 1,2-DCA in groundwater collected from the downgradient monitoring well MW-2 have exceeded RWQCB's respective ESLs. Under these circumstances, a NFA closure is requested for the 3 service station USTs including the dispensing equipment and related piping.

The only remaining issue is the former 550-gallon waste oil UST. It was likely removed along with the other USTs in 1974; however, because the former location is beneath the

foundation of the two-story building, AEI was not able to include it in its Phase II investigation. This situation was confirmed by Susan Hugo when she approved the environmental sampling work plan. There is no reason to believe that its condition was any worse than the other service station USTs. The leakage from those USTs was not significant, and after 35 years, no residual TPH-related chemicals with the exception of low concentrations of 1,2-DCA remain in downgradient groundwater at the Site (Table 1).

Depending on the location of the former 550-gallon UST, it may be possible to core through the cement slab foundation to collect soil samples and grab groundwater samples. This feasibility has not been investigated since Susan Hugo did not include it as a requirement in ASE's work plan. However, in view of the present environmental conditions at the Site, even if it is not possible to locate or access the former location of the UST, this Site is a good candidate for a no-further-action status. Site-specific groundwater data does not show evidence of residual chemicals n soil migrating offsite. Natural attenuation appears to be occurring onsite, and will continue in the future without further action. If the former location of the 550-gallon waste oil UST becomes accessible for further investigation in the future, confirmatory soil and groundwater sampling could be performed at that time. Until that time, perhaps a deed restriction with an explanation would be appropriate with a NFA certification.

5.0 REFERENCES

Alameda County Department of Environmental Health (ACDEH). No Date (ND). Hand-entered notes from Ms. Susan Hugo on a ACDEH form. Each of her observations is dated. (See Appendix D for copy).

AEI. 2001a. *Phase I, Environmental Site Assessment, 1240 Powell Street, Emeryville, California 94608.* December 20.

AEI. 2001b. Letter Summary of *Phase I Environmental Site Assessment*. Letter report from Holly Gannaway, REA to Mr. William Rauch, Wells Fargo Bank RETECHS dated December 20, 2001.

AEI. 2002a. *Phase II, Subsurface Investigation, 1240 Powell Street, Emeryville, California 94608.* February 15.

AEI. 2002b. *Groundwater Monitoring Well Installation & Initial Monitoring Report, 1240 Powell Street, Emeryville, California 94608.* September 5.

Aqua Science Engineers, Inc. 1991. *Project Report, Underground Storage Tank Removal at Garza and Associates, 1240 Powell Street, Emeryville, California 94608.* December 4.

Basics Environmental (Basics). 2008. *Environmental Transaction Screen, 1240 Powell Street, Emeryville, California.* December 3.

Environmental Sampling Services. 2004. *October 2004 Groundwater Monitoring Event Sampling for 1240 Powell Street, Emeryville, California.* November 3.

McCampbell Analytical, Inc. 2004. Laboratory certificates from the October 27, 2004 sampling event.

McCampbell Analytical, Inc. 2005. Laboratory certificates from the September 20, 2005 sampling event.

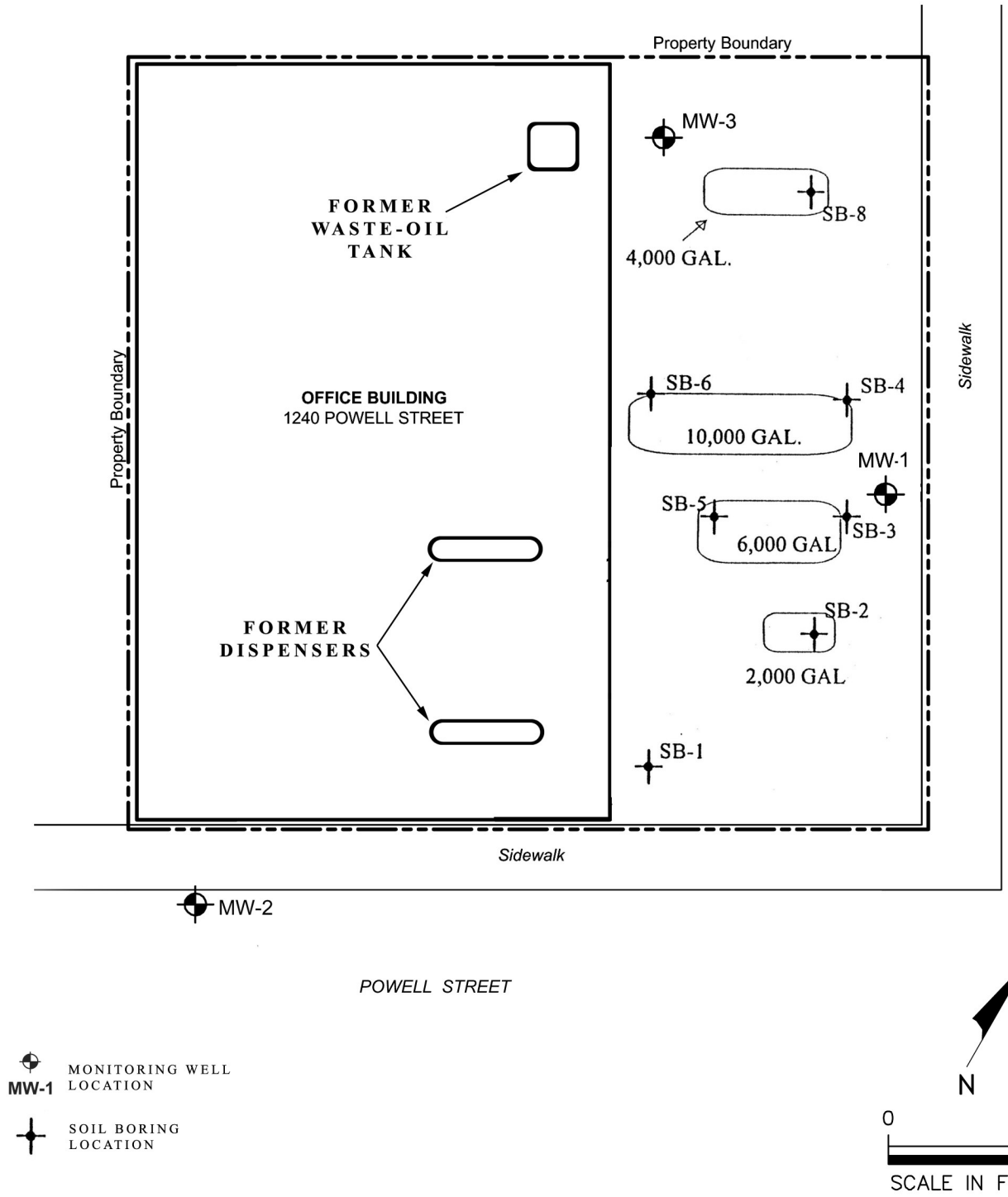
McCampbell Analytical, Inc. 2009. Laboratory certificates from the January 8, 2009 sampling event.

San Francisco Bay Regional Water Quality Control District (RWQCB). 2007. *Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater.* Revised May 2008.

FIGURES

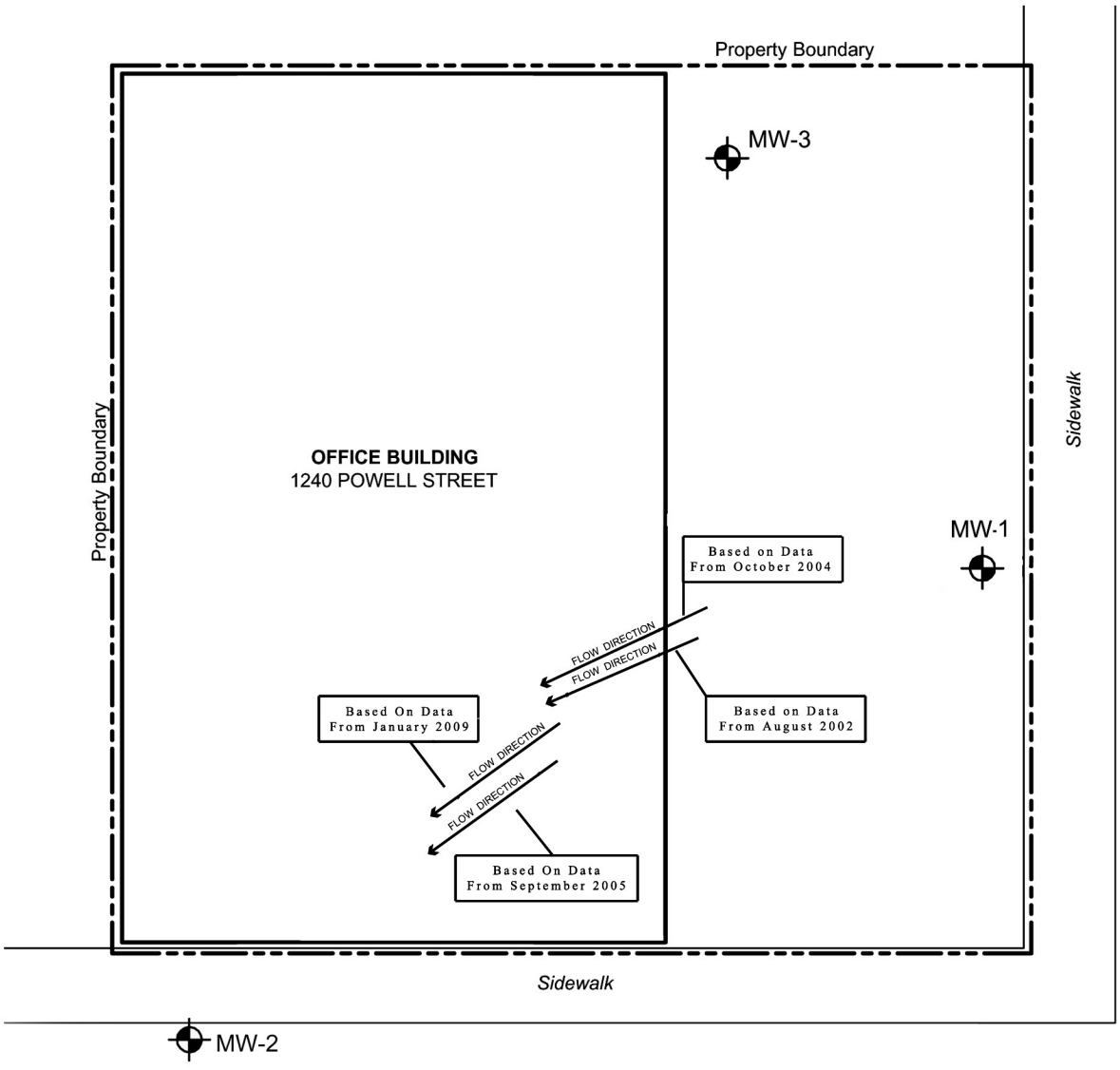
SOURCE: USGS Map 7.5 Min Series (Topographic) BERKELEY QUAD, California, Terraserver.

FEBRUARY 2009 NOzaki & Associates	**SITE LOCATION MAP** 1240 POWELL STREET EMERYVILLE, CALIFORNIA	**FIGURE 1**



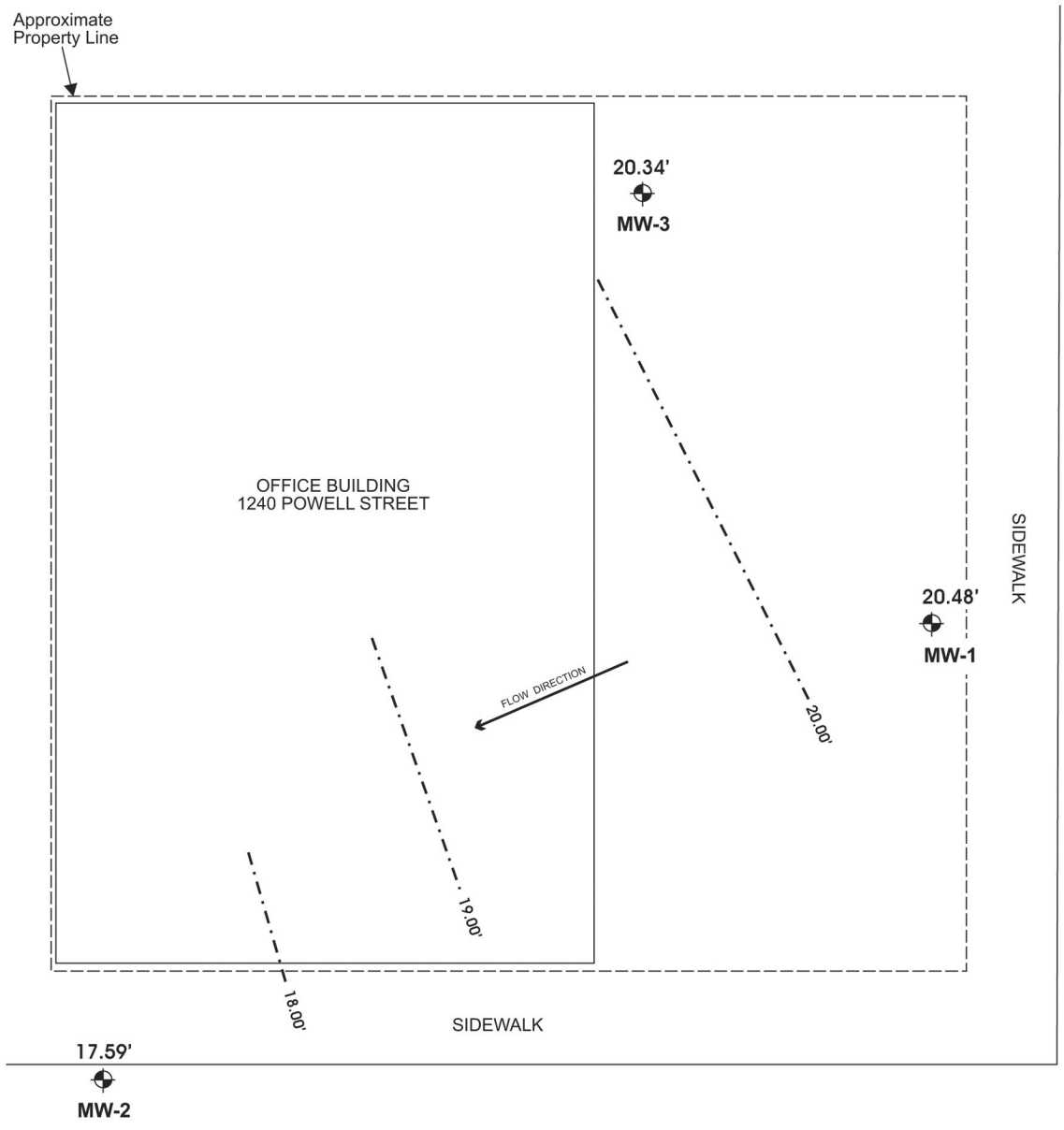
BASED ON ENVIRON WELL LOCATION MAP 5/28/2008 & AEI CONSULTANTS MAPS

FEBRUARY 2009 NOzaki & Associates	HISTORICAL SITE DRAWING 1240 POWELL STREET EMERYVILLE, CALIFORNIA	FIGURE 2

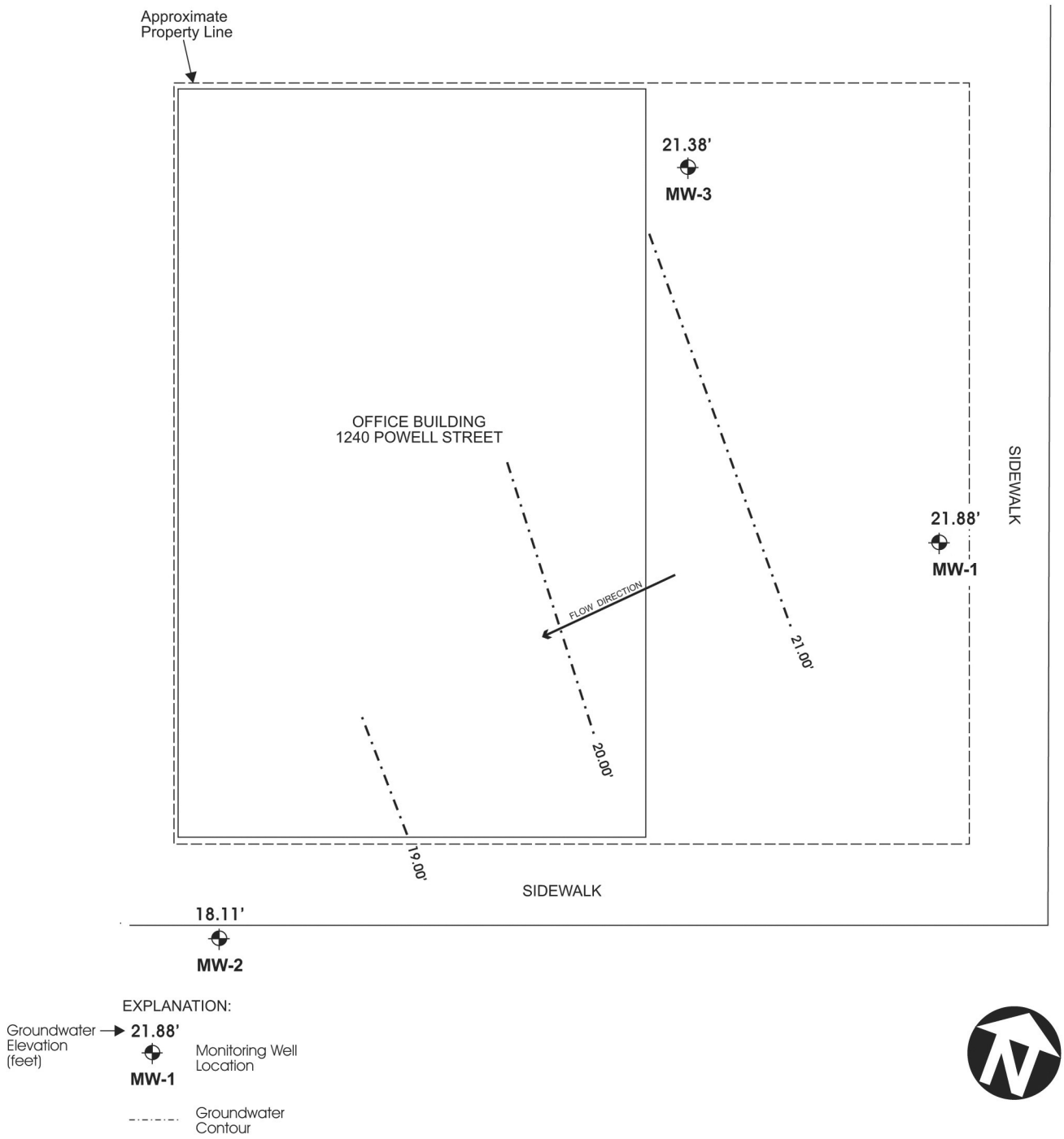


BASED ON ENVIRON WELL LOCATION MAP 5/28/2008 & AEI CONSULTANTS MAPS

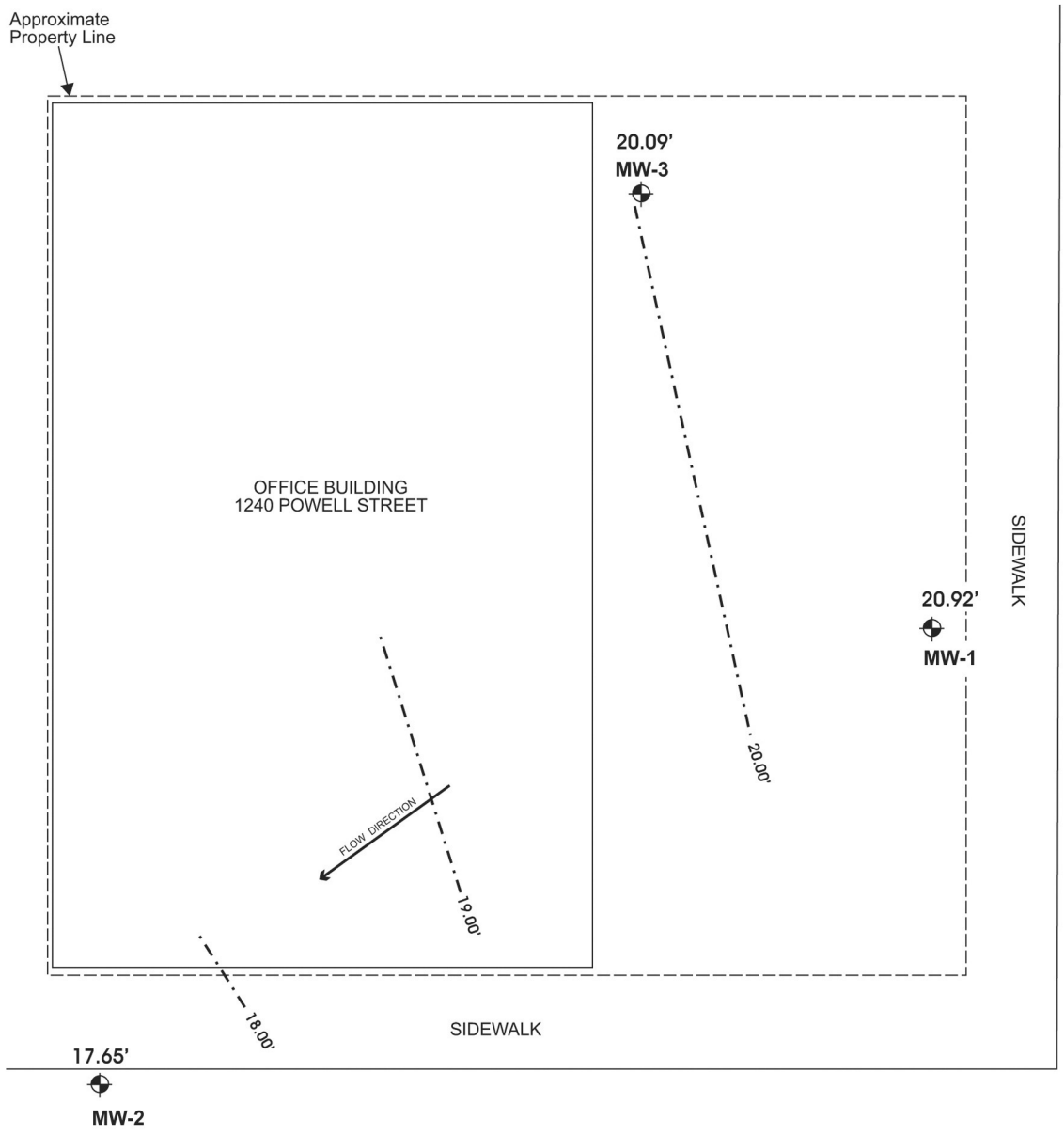
FEBRUARY 2009	CURRENT SITE LAYOUT	FIGURE 3
NOzaki & Associates	1240 POWELL STREET EMERYVILLE, CALIFORNIA	



Scale: 1" : ± 20'	February 2009	GROUNDWATER ELEVATIONS - AUGUST 2002 1240 Powell Street Emeryville, California	Figure 3A
NOzaki & Associates			



Scale: 1" : ± 20'	February 2009	GROUNDWATER ELEVATIONS - OCTOBER 2004 1240 Powell Street Emeryville, California	Figure 3B
NOzaki & Associates			



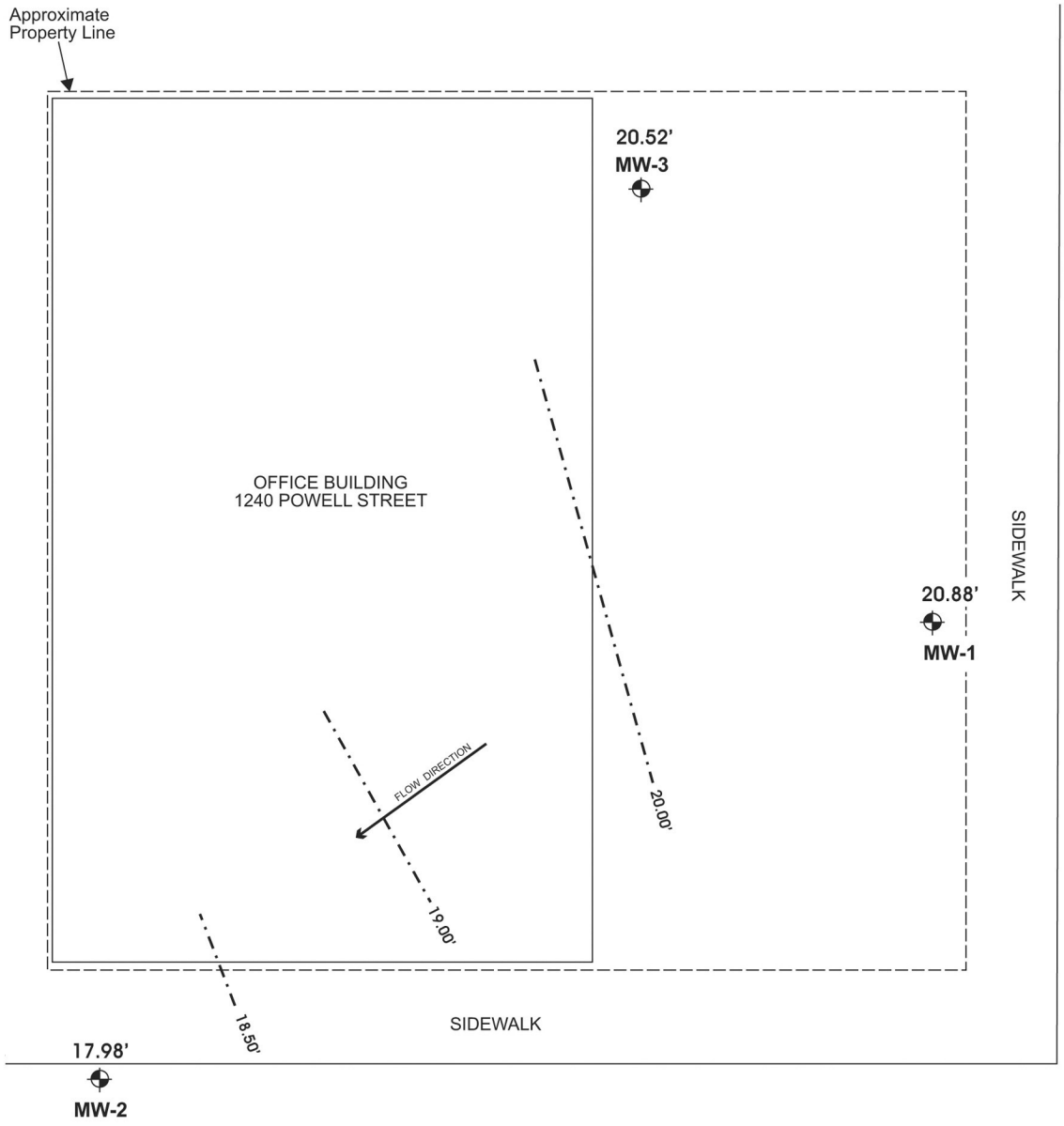
EXPLANATION:

Groundwater Elevation (feet) → 20.92'

MW-1 — Monitoring Well Location

Groundwater Contour

Scale: 1" : ± 20'	February 2009	GROUNDWATER ELEVATIONS - SEPTEMBER 2005 1240 Powell Street Emeryville, California	Figure 3C
NOzaki & Associates			



EXPLANATION:

Groundwater Elevation (feet) → 20.88'

MW-1 Monitoring Well Location

Groundwater Contour

Scale: 1" : ± 20'	February 2009	GROUNDWATER ELEVATIONS - JANUARY 2009 1240 Powell Street Emeryville, California	Figure 3D
NOzaki & Associates			

TABLES

Table 1. Historical Groundwater Data (ug/L)

Sample ID	Date	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	1,2-DCA
SB-1W	02/07/2002	**320**	**230**	<0.5	<0.5	**5.2**	**3.3**	<5.0	-
SB-2W	02/07/2002	**1400**	**1400**	**5.7**	**3.0**	**3.3**	**4.0**	<5.0	-
SB-3W	02/07/2002	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	**5.7**	-
SB-4W	02/07/2002	<5.0	<5.0	<0.5	<5.0	<0.5	<0.5	<5.0	-
SB-5W	02/07/2002	**71**	**200**	<0.5	**1.5**	<0.5	<0.5	<5.0	-
SB-6W	02/07/2002	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	<5.0	-
SB-8W	02/07/2002	<5.0	**580**	<0.5	<0.5	<0.5	<0.5	<5.0	-
MW-1	08/13/2002	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
MW-1	10/27/2004	<50	<50	<0.5	<0.5	<0.5	<0.5	**0.71**	<0.5
MW-1	09/20/2005	<50	<50	<0.5	<0.5	<0.5	<0.5	**0.64**	<0.5
MW-1	01/08/2009	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-2	08/13/2002	<50	**81**	<0.5	<0.5	<0.5	<0.5	<5.0	**5.1**
MW-2	10/27/2004	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**4.2**
MW-2	09/20/2005	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**3.9**
MW-2	01/08/2009	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**4.8**
MW-3	08/13/2002	<50	**130**	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
MW-3	10/27/2004	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3	09/20/2005	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3	01/08/2009	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3-Dup	10/27/2004	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-2-Dup	09/20/2005	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	**4.0**
MW-2-Dup	01/08/2009	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	**3.3**

Note: SB-1 through SB-8 were grab groundwater samples.
SB-1 through SB-8 non-detected compounds were reported as the method detection limit (MDL).
"-" Indicates not analyzed.
MW-Dup for the 12/27/2004 sampling was colleced at MW-3.
MW-Dup for the 09/20/2005 sampling was colleced at MW-2.
MW-Dup for the 01/08/09 sampling was colleced at MW-2.

Table 2. Historical Soil Data (mg/kg)

Sample ID	Date	Depth (feet)	TPHg	TPHd	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	TPH Oil and Grease	VOCs (8260)
GRZ West	11/22/1991	9	<1.0	-	<0.005	<0.005	<0.005	<0.005	-	-	-
GRZ East	11/22/1991	9	<1.0	-	<0.005	<0.005	<0.005	<0.005	-	-	-
GRZSTKP1-4	11/22/1991	††	<1.0	-	<0.005	<0.005	<0.005	<0.005	-	-	-
SB-1	02/07/2002	8	**47**	**5.8**	<0.05	<0.05	<0.05	<0.05	<0.5	-	-
SB-3	02/07/2002	4	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	-
SB-4	02/07/2002	8	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	-
SB-5	02/07/2002	6	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	-
SB-6	02/07/2002	8	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	-
SB-7	02/07/2002	8	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	-
SB-7	02/07/2002	12	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	<50	-
SB-7	02/07/2002	15	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	<0.005*
SB-8	02/07/2002	10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	-
MW-1	08/13/2002	11	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	-
MW-2	08/13/2002	11	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	-
MW-3	08/13/2002	11	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	-	-

Notes: " - " The dash indicates the sample was not analyzed.

†† This soil sample was a four point composite of the stockpiled soil resulting from the excavation.

*Reporting limit varied with chemical.

Reporting limit indicated is the method detection limit (MDL).

Table 3. Metals Soil Data (mg/kg)

Sample ID	Date	Depth (feet)	Cadmium	Total Chromium	Lead	Nickel	Zinc
GRZ West	11/22/1991	9	-	-	<0.5	-	-
GRZ East	11/22/1991	9	-	-	5.50	-	-
GRZSTKP1-4	11/22/1991	††	-	-	4.96	-	-
SB-7	02/07/2002	12	<0.5	26	5.7	40	41

Notes: *Reporting limit varied with chemical.

Table 4. Groundwater Elevation Data

Location	Date Sampled	Depth to Water (feet, TOC)	Top of Casing* (feet)	Groundwater Elevation (feet)
MW-1	08/13/2002	7.69	28.17	20.48
	10/27/2004	6.29	28.17	21.88
	09/20/2005	7.25	28.17	20.92
	01/08/2009	7.29	28.17	20.88
MW-2	08/13/2002	8.58	26.17	17.59
	10/27/2004	8.06	26.17	18.11
	09/20/2005	8.52	26.17	17.65
	01/08/2009	8.19	26.17	17.98
MW-3	08/13/2002	8.28	28.62	20.34
	10/27/2004	7.24	28.62	21.38
	09/20/2005	8.53	28.62	20.09
	01/08/2009	8.1	28.62	20.52

Note: TOC - Top of well casing.

* Surveyed in as feet above mean sea level.

APPENDIX A

Laboratory Data Certificates – October 27, 2004

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Soma Corporation 1412 62nd Street Emeryville, CA 94608	Client Project ID: 1240 Powell Street	Date Sampled: 10/27/04
		Date Received: 10/28/04
	Client Contact: Estelle Shiroma	Date Reported: 11/02/04
	Client P.O.:	Date Completed: 11/03/04

WorkOrder: 0410425

November 03, 2004

Dear Estelle:

Enclosed are:

1). the results of **5** analyzed samples from your **1240 Powell Street project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill 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 please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 10/27/04
1412 62nd Street		Date Received: 10/28/04
Emeryville, CA 94608	Client Contact: Estelle Shiroma	Date Extracted: 10/30/04
	Client P.O.:	Date Analyzed: 10/30/04

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0410425

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	Trip Blank	W	ND	ND	ND	ND	ND	ND	1	99.0
002A	MW-2	W	ND	ND	ND	ND	ND	ND	1	98.0
003A	MW-1	W	ND	ND	ND	ND	ND	ND	1	99.0
004A	MW-3	W	ND	ND	ND	ND	ND	ND	1	99.0
005A	MW-DUP	W	ND	ND	ND	ND	ND	ND	1	103
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
		S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* 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: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 10/27/04
1412 62nd Street		Date Received: 10/28/04
Emeryville, CA 94608	Client Contact: Estelle Shiroma	Date Extracted: 10/28/04
	Client P.O.:	Date Analyzed: 10/29/04-10/30/04

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0410425

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0410425-002C	MW-2	W	ND	1	88.0
0410425-003C	MW-1	W	ND	1	94.0
0410425-004C	MW-3	W	ND	1	94.0
0410425-005C	MW-DUP	W	ND	1	94.0

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

* 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: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 10/27/04
1412 62nd Street		Date Received: 10/28/04
	Client Contact: Estelle Shiroma	Date Extracted: 10/29/04-11/01/04
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 10/29/04-11/01/04

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0410425

Lab ID	0410425-002B
Client ID	MW-2
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	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	5.0
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	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
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	0.5
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)	4.2	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
Nitrobenzene	ND	1.0	10	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

ICV ~200

Surrogate Recoveries (%)			
%SS1:	97.0	%SS2:	103
%SS3:	118		

Comments:

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content; m) the concentration for this compound was above our upper calibration standard and is reported as an estimated value. This data was requested 3 weeks after initial analysis thereby precluding re-analysis at the correct dilution.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 10/27/04
1412 62nd Street		Date Received: 10/28/04
	Client Contact: Estelle Shiroma	Date Extracted: 10/29/04-11/01/04
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 10/29/04-11/01/04

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0410425

Lab ID	0410425-003B
Client ID	MW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	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	5.0
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	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
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	0.5
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)	0.71	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
Nitrobenzene	ND	1.0	10	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:	98.0	%SS2:	101
%SS3:	116		

Comments:

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content; m) the concentration for this compound was above our upper calibration standard and is reported as an estimated value. This data was requested 3 weeks after initial analysis thereby precluding re-analysis at the correct dilution.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

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Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 10/27/04
1412 62nd Street		Date Received: 10/28/04
	Client Contact: Estelle Shiroma	Date Extracted: 10/29/04-11/01/04
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 10/29/04-11/01/04

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0410425

Lab ID	0410425-004B
Client ID	MW-3
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	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	5.0
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	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
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	0.5
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
Nitrobenzene	ND	1.0	10	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:	96.0	%SS2:	102
%SS3:	118		

Comments:

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content; m) the concentration for this compound was above our upper calibration standard and is reported as an estimated value. This data was requested 3 weeks after initial analysis thereby precluding re-analysis at the correct dilution.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 10/27/04
1412 62nd Street		Date Received: 10/28/04
	Client Contact: Estelle Shiroma	Date Extracted: 10/29/04-11/01/04
Emeryville, CA 94608	Client P.O.:	Date Analyzed: 10/29/04-11/01/04

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 0410425

Lab ID	0410425-005B
Client ID	MW-DUP
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	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	5.0
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	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
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	0.5
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
Nitrobenzene	ND	1.0	10	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:	96.0	%SS2:	100
%SS3:	106		

Comments:

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content; m) the concentration for this compound was above our upper calibration standard and is reported as an estimated value. This data was requested 3 weeks after initial analysis thereby precluding re-analysis at the correct dilution.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Cm

Matrix: W WorkOrder: 0410425

EPA Method: SW8021B/8015Cm Extraction: SW5030B BatchID: 13741 Spiked Sample ID: 0410425-001A

Analyte	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(btex)£	ND	60	97.4	95.4	2.12	81.1	80.4	0.937	70	130
MTBE	ND	10	86.1	89.4	3.83	107	106	0.617	70	130
Benzene	ND	10	105	112	6.03	99.5	100	0.979	70	130
Toluene	ND	10	100	107	6.74	91.8	93.3	1.69	70	130
Ethylbenzene	ND	10	103	107	3.91	96.1	97	0.946	70	130
Xylenes	ND	30	91	95.3	4.65	85.3	86	0.778	70	130
%SS:	99.0	10	112	115	2.81	107	105	1.49	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

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 applicable or 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 Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

Matrix: W WorkOrder: 0410425

EPA Method: SW8015C Extraction: SW3510C BatchID: 13740 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	Low	High
TPH(d)	N/A	7500	N/A	N/A	N/A	90.5	89.3	1.36	70	130
%SS:	N/A	2500	N/A	N/A	N/A	86	86	0	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

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 Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
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Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

Matrix: W WorkOrder: 0410425

EPA Method: SW8260B Extraction: SW5030B BatchID: 13739 Spiked Sample ID: 0410414-003B

Analyte	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
tert-Amyl methyl ether (TAME)	ND	10	83.1	78.7	5.45	85.2	82.2	3.59	70	130
Benzene	ND	10	116	114	1.33	119	120	1.34	70	130
t-Butyl alcohol (TBA)	ND	50	88.1	86.5	1.85	91.1	90.9	0.217	70	130
Chlorobenzene	ND	10	102	97.9	4.58	112	111	0.536	70	130
1,2-Dibromoethane (EDB)	ND	10	100	85.2	16.0	105	102	2.60	70	130
1,2-Dichloroethane (1,2-DCA)	ND	10	109	101	7.56	120	112	6.99	70	130
1,1-Dichloroethene	ND	10	120	111	7.84	122	124	1.28	70	130
Diisopropyl ether (DIPE)	ND	10	121	120	1.00	124	120	2.80	70	130
Ethyl tert-butyl ether (ETBE)	ND	10	117	113	3.51	122	117	4.04	70	130
Methyl-t-butyl ether (MTBE)	ND	10	109	98.2	10.0	113	107	4.93	70	130
Toluene	ND	10	107	103	4.10	116	118	1.38	70	130
Trichloroethene	ND	10	114	110	3.12	123	120	2.30	70	130
%SS1:	108	10	103	100	3.71	104	100	3.29	70	130
%SS2:	104	10	102	97	4.98	104	104	0	70	130
%SS3:	119	10	106	108	1.50	110	111	1.08	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

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 Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0410425 **ClientID: SCE**

Report to:
Estelle Shiroma
Soma Corporation
1412 62nd Street
Emeryville, CA 94608
TEL: (510) 654-3900
FAX: (510) 654-1960
ProjectNo: 1240 Powell Street
PO:

Bill to:
Estelle Shiroma
Soma Corporation
1412 62nd Street
Emeryville, CA 94608

Requested TAT: 5 days

Date Received: 3:19 PM
Date Printed: 10/28/04

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0410425-002	MW-2	Water	10/27/04 2:48:00	☐	B	A	C												
0410425-003	MW-1	Water	10/27/04 3:31:00	☐	B	A	C												
0410425-004	MW-3	Water	10/27/04 4:17:00	☐	B	A	C												
0410425-005	MW-DUP	Water	10/27/04 4:47:00	☐	B	A	C												

Test Legend:

1	8260B_W	2	G-MBTEX_W	3	TPH(D)_W	4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Melissa Valles

Comments:

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

0410425

McCAMPBELL ANALYTICAL, INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Website: www.mccampbell.com Email: main@mccampbell.com
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CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Estelle Shiroma Bill To: Same as "Report to"

Company: SOMA Corporation
1412 62nd Street
Emeryville, CA 94608

Tele: (510) 654-3900 E-Mail: Fax: (510) 654-1960

Project #: Project Name: 1240 Powell Street

Project Location: 1240 Powell Street, Emeryville, CA

Sampler Signature:

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCL	HNO_3	Other
Trip Blank		10/27/04	13:00	2	40 ml VOC	X					X	X		
(+) MW-2		10/27/04	14:48	4	Amber Liters	X					X	X		
(+) MW-1		10/27/04	15:31	4	↓	X					X	X		
(+) MW-3		10/27/04	16:17	4		X					X	X		
(+) MW-Dup		10/27/04	16:47	4		X					X	X		

Analysis Request																	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)			Filter Samples for Metals analysis: Yes / No
X																		
X	X									X								
X	X									X								
X	X									X								
X	X									X								

DD 10/28/04

Relinquished By:	Date:	Time:	Received By:
	10/28/04	10:27	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

COMMENTS:

PRESERVATION	VOAS	O&G	METALS pH<2	OTHER

APPENDIX B

Laboratory Data Certificates – September 20, 2005

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Soma Corporation 1412 62nd Street Emeryville, CA 94608	Client Project ID: 1240 Powell Street	Date Sampled: 09/20/05
		Date Received: 09/20/05
	Client Contact: Estelle Shiroma	Date Reported: 09/28/05
	Client P.O.:	Date Completed: 09/28/05

WorkOrder: 0509452

September 28, 2005

Dear Estelle:

Enclosed are:

1). the results of **5** analyzed samples from your **1240 Powell Street project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill 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 please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 09/20/05
1412 62nd Street		Date Received: 09/20/05
Emeryville, CA 94608	Client Contact: Estelle Shiroma	Date Extracted: 09/25/05-09/27/05
	Client P.O.:	Date Analyzed: 09/25/05-09/27/05

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0509452

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	Trip Blank	W	ND	ND	ND	ND	ND	ND	1	112
002A	MW-3	W	ND	ND	ND	ND	ND	ND	1	111
003A	MW-1	W	ND	ND	ND	ND	ND	ND	1	106
004A	MW-2	W	ND	ND	ND	ND	ND	ND	1	109
005A	MW-Dup	W	ND	ND	ND	ND	ND	ND	1	107

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

* 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: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 09/20/05
1412 62nd Street		Date Received: 09/20/05
Emeryville, CA 94608	Client Contact: Estelle Shiroma	Date Extracted: 09/20/05
	Client P.O.:	Date Analyzed: 09/22/05-09/23/05

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0509452

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0509452-002C	MW-3	W	ND	1	109
0509452-003C	MW-1	W	ND	1	106
0509452-004C	MW-2	W	ND	1	118
0509452-005C	MW-Dup	W	ND	1	100

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

* 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: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 09/20/05
		Date Received: 09/20/05
1412 62nd Street	Client Contact Estelle Shiroma	Date Extracted: 09/21/05
Emeryville, CA 94608	Client P.O.	Date Analyzed: 09/21/05

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509452

Lab ID	0509452-002B
Client ID	MW-3
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	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	5.0
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	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
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	0.5
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
Nitrobenzene	ND	1.0	10	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:	102	%SS2:	94
%SS3:	93		

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.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 09/20/05
		Date Received: 09/20/05
1412 62nd Street	Client Contact Estelle Shiroma	Date Extracted: 09/22/05
Emeryville, CA 94608	Client P.O.	Date Analyzed: 09/22/05

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509452

Lab ID	0509452-003B
Client ID	MW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	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	5.0
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	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
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	0.5
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)	0.64	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
Nitrobenzene	ND	1.0	10	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:	95
%SS3:	85		

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.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 09/20/05
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1412 62nd Street	Client Contact Estelle Shiroma	Date Extracted: 09/22/05
Emeryville, CA 94608	Client P.O.	Date Analyzed: 09/22/05

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509452

Lab ID	0509452-004B
Client ID	MW-2
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	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	5.0
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	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
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	0.5
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)	3.9	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
Nitrobenzene	ND	1.0	10	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:	94
%SS3:	85		

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.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Soma Corporation	Client Project ID: 1240 Powell Street	Date Sampled: 09/20/05
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1412 62nd Street	Client Contact Estelle Shiroma	Date Extracted: 09/22/05
Emeryville, CA 94608	Client P.O.	Date Analyzed: 09/22/05

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0509452

Lab ID	0509452-005B
Client ID	MW-Dup
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	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	5.0
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	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
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	0.5
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)	4.0	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
Nitrobenzene	ND	1.0	10	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:	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.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

DHS Certification No. 1644

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0509452

EPA Method: SW8021B/8015Cm **Extraction: SW5030B** **BatchID: 18115** **Spiked Sample ID: 0509452-004A**

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	LCS / LCSD
TPH(btex)£	ND	60	111	95.5	15.0	110	110	0	70 - 130	70 - 130
MTBE	ND	10	88.2	105	17.5	90.1	96.8	7.15	70 - 130	70 - 130
Benzene	ND	10	92.4	112	19.6	86.7	90.7	4.46	70 - 130	70 - 130
Toluene	ND	10	94.4	107	12.8	88.8	92	3.55	70 - 130	70 - 130
Ethylbenzene	ND	10	95.1	107	11.7	89.2	92.2	3.40	70 - 130	70 - 130
Xylenes	ND	30	95.3	90.7	5.02	90.3	94.3	4.33	70 - 130	70 - 130
%SS:	109	10	99	117	17.2	88	90	2.41	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 18115 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509452-001A	9/20/05 1:00 PM	9/27/05	9/27/05 8:32 PM	0509452-002A	9/20/05 1:38 PM	9/25/05	9/25/05 6:39 PM
0509452-003A	9/20/05 2:17 PM	9/25/05	9/25/05 7:39 PM	0509452-004A	9/20/05 3:09 PM	9/25/05	9/25/05 8:38 PM
0509452-005A	9/20/05 3:35 PM	9/25/05	9/25/05 9:08 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 applicable or 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 Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water QC Matrix: Water WorkOrder: 0509452

EPA Method: SW8015C	Extraction: SW3510C	BatchID: 18116	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	LCS / LCSD
TPH(d)	N/A	1000	N/A	N/A	N/A	102	97.2	4.56	N/A	70 - 130
%SS:	N/A	2500	N/A	N/A	N/A	102	98	3.91	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 18116 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509452-002C	9/20/05 1:38 PM	9/20/05	9/22/05 10:14 PM	0509452-003C	9/20/05 2:17 PM	9/20/05	9/22/05 11:20 PM
0509452-004C	9/20/05 3:09 PM	9/20/05	9/23/05 1:12 PM	0509452-005C	9/20/05 3:35 PM	9/20/05	9/23/05 1:34 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 Certification No. 1644

QA/QC Officer

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water | QC Matrix: Water | WorkOrder: 0509452

EPA Method: SW8260B	Extraction: SW5030B	BatchID: 18123	Spiked Sample ID: 0509452-002B

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	LCS / LCSD
tert-Amyl methyl ether (TAME)	ND	10	85.3	82.2	3.68	91.4	90.2	1.34	70 - 130	70 - 130
Benzene	ND	10	113	110	2.58	113	111	1.41	70 - 130	70 - 130
t-Butyl alcohol (TBA)	ND	50	99.7	98.7	1.01	107	102	4.77	70 - 130	70 - 130
Chlorobenzene	ND	10	117	119	1.61	119	117	1.11	70 - 130	70 - 130
1,2-Dibromoethane (EDB)	ND	10	94.6	92.2	2.60	94.5	92.4	2.23	70 - 130	70 - 130
1,2-Dichloroethane (1,2-DCA)	ND	10	111	109	1.21	117	110	5.80	70 - 130	70 - 130
1,1-Dichloroethene	ND	10	96.4	90.3	6.52	109	101	7.58	70 - 130	70 - 130
Diisopropyl ether (DIPE)	ND	10	119	119	0	119	118	0.588	70 - 130	70 - 130
Ethyl tert-butyl ether (ETBE)	ND	10	90.2	86.7	3.98	96.9	96.8	0.145	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	87.1	85.7	1.61	96.1	95.1	1.04	70 - 130	70 - 130
Toluene	ND	10	106	102	3.17	105	103	1.80	70 - 130	70 - 130
Trichloroethene	ND	10	86.2	83.9	2.70	88.9	86.3	3.00	70 - 130	70 - 130
%SS1:	102	10	100	102	1.55	103	102	1.15	70 - 130	70 - 130
%SS2:	94	10	95	94	1.21	96	95	1.33	70 - 130	70 - 130
%SS3:	93	10	99	104	5.08	100	100	0	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 18123 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0509452-002B	9/20/05 1:38 PM	9/21/05	9/21/05 6:49 PM	0509452-003B	9/20/05 2:17 PM	9/22/05	9/22/05 3:15 PM
0509452-004B	9/20/05 3:09 PM	9/22/05	9/22/05 4:00 PM	0509452-005B	9/20/05 3:35 PM	9/22/05	9/22/05 4:44 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 Certification No. 1644

QA/QC Officer

SCE 0509452

McCAMPBELL ANALYTICAL, INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (925) 798-1620 Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Estelle Shiroma	Bill To: "Same As Report To"
Company: Soma Corporation	
1412 62nd Street	
Emeryville, CA 94608	E-Mail:
Tele: (510) 654-3900	Fax: (510) 654-1960
Project #:	Project Name:
Project Location: 1240 Powell Street, Emeryville CA 94608	
Sampler Signature:	

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	Soil	Air	Sludge	Other	METHOD PRESERVED ICE	HCL	HNO_3	Other
Trip Blank		9/20/05	13:00	1	VOAs 40ml	X					X	X		
MW-3		9/20/05	13:38	4	1 Liter	X					X	X		
MW-1		9/20/05	14:17	4	↓	X					X	X		
MW-2		9/20/05	15:09	4	↓	X					X	X		
MW-Dup		9/20/05	15:35	4	↓	X					X	X		

Analysis Request																		Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)/MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601 / 8010 / 8021	BTEX ONLY (EPA 602 / 8020)	EPA 608 / 8081	EPA 608 / 8082 PCB's ONLY	EPA 8140 / 8141	EPA 8150 / 8151	EPA 524.2 / 624 / 8260B	EPA 525 / 625 / 8270	PAH's / PNA's by EPA 625 / 8270 / 8310	CAM-17 Metals (6010 / 6020)	LUFT 5 Metals (6010 / 6020)	Lead (200.8 / 200.9 / 6010)				Filter Samples for Metals analysis: Yes / No
X																			
X	X									X									
X	X									X									
X	X									X									
X	X									X									

Relinquished By: Date: 9/20/05 Time: 5pm Received By:

Relinquished By: Date: Time: Received By:

Relinquished By: Date: Time: Received By:

ICE/t° ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION | VOAS | O&G | METALS pH<2 | OTHER

COMMENTS:

9/20/05

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0509452 **ClientID: SCE** **EDF: NO**

Report to:
Estelle Shiroma
Soma Corporation
1412 62nd Street
Emeryville, CA 94608
TEL: (510) 654-3900
FAX: (510) 654-1960
ProjectNo: 1240 Powell Street
PO:

Bill to:
Estelle Shiroma
Soma Corporation
1412 62nd Street
Emeryville, CA 94608

Requested TAT: 5 days
Date Received: 09/20/2005
Date Printed: 09/20/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)														
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0509452-001	Trip Blank	Water	9/20/05 1:00:00 PM	☐		A													
0509452-002	MW-3	Water	9/20/05 1:38:00 PM	☐	B	A	C												
0509452-003	MW-1	Water	9/20/05 2:17:00 PM	☐	B	A	C												
0509452-004	MW-2	Water	9/20/05 3:09:00 PM	☐	B	A	C												
0509452-005	MW-Dup	Water	9/20/05 3:35:00 PM	☐	B	A	C												

Test Legend:

1	8260B_W	2	G-MBTEX_W	3	TPH(D)_W	4		5	
6		7		8		9		10	
11		12		13		14		15	

Prepared by: Rosa Venegas

Comments:

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

APPENDIX C

Laboratory Data Certificates – January 8, 2009

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

Environmental Sampling Services 6680 Alhambra Ave. #102 Martinez, CA 94553	Client Project ID: #1240 Powell Street	Date Sampled: 01/08/09
		Date Received: 01/08/09
	Client Contact: Ron Silberman	Date Reported: 01/14/09
	Client P.O.:	Date Completed: 01/12/09

WorkOrder: 0901130

January 14, 2009

Dear Ron:

Enclosed within are:

1) The results of the **5** analyzed samples from your project: **#1240 Powell Street,**
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.

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: **Environmental Sampling Services**
Date and Time Received: **01/08/09 6:14:09 PM**

Project Name: **#1240 Powell Street Assoc.**
Checklist completed and reviewed by: Samantha Arbuckle

WorkOrder N°: **0901130** 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: 3.9°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

Environmental Sampling Services	Client Project ID: #1240 Powell Street	Date Sampled: 01/08/09
		Date Received: 01/08/09
6680 Alhambra Ave. #102	Client Contact: Ron Silberman	Date Extracted: 01/09/09
Martinez, CA 94553	Client P.O.:	Date Analyzed 01/09/09

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901130

Lab ID	0901130-001A
Client ID	Trip Blank
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:	94	%SS2:	83
%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.

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

Environmental Sampling Services	Client Project ID: #1240 Powell Street	Date Sampled: 01/08/09
		Date Received: 01/08/09
6680 Alhambra Ave. #102	Client Contact: Ron Silberman	Date Extracted: 01/09/09
Martinez, CA 94553	Client P.O.:	Date Analyzed 01/09/09

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901130

Lab ID	0901130-002A
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	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	Ethanol	ND	1.0	50
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
Methanol	ND	1.0	500	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:	95	%SS2:	82
%SS3:	88		

Comments:

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

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

Environmental Sampling Services	Client Project ID: #1240 Powell Street	Date Sampled: 01/08/09
		Date Received: 01/08/09
6680 Alhambra Ave. #102	Client Contact: Ron Silberman	Date Extracted: 01/09/09
Martinez, CA 94553	Client P.O.:	Date Analyzed 01/09/09

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901130

Lab ID	0901130-003A
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	Ethanol	ND	1.0	50
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
Methanol	ND	1.0	500	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:	95	%SS2:	82
%SS3:	87		

Comments:

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

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Environmental Sampling Services	Client Project ID: #1240 Powell Street	Date Sampled: 01/08/09
		Date Received: 01/08/09
6680 Alhambra Ave. #102	Client Contact: Ron Silberman	Date Extracted: 01/12/09
Martinez, CA 94553	Client P.O.:	Date Analyzed 01/12/09

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901130

Lab ID	0901130-004A
Client ID	MW-Dup
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)	3.3	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	Ethanol	ND	1.0	50
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
Methanol	ND	1.0	500	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:	85
%SS3:	78		

Comments:

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

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Environmental Sampling Services	Client Project ID: #1240 Powell Street	Date Sampled: 01/08/09
		Date Received: 01/08/09
6680 Alhambra Ave. #102	Client Contact: Ron Silberman	Date Extracted: 01/12/09
Martinez, CA 94553	Client P.O.:	Date Analyzed 01/12/09

Volatiles Organics + Oxygenates by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0901130

Lab ID	0901130-005A
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)	4.8	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	Ethanol	ND	1.0	50
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
Methanol	ND	1.0	500	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:	84
%SS3:	81		

Comments:

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

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

surrogate diluted out of range or surrogate coelutes with another peak.

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Environmental Sampling Services	Client Project ID: #1240 Powell Street	Date Sampled: 01/08/09
		Date Received: 01/08/09
6680 Alhambra Ave. #102	Client Contact: Ron Silberman	Date Extracted: 01/09/09
Martinez, CA 94553	Client P.O.:	Date Analyzed 01/09/09

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method SW5030B Analytical methods SW8021B/8015Cm Work Order: 0901130

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
002B	MW-1	W	ND	---	ND	ND	ND	ND	1	94
003B	MW-3	W	ND	---	ND	ND	ND	ND	1	94
004B	MW-Dup	W	ND	---	ND	ND	ND	ND	1	95
005B	MW-2	W	ND	---	ND	ND	ND	ND	1	94

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* 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:

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Environmental Sampling Services	Client Project ID: #1240 Powell Street	Date Sampled: 01/08/09
		Date Received: 01/08/09
6680 Alhambra Ave. #102	Client Contact: Ron Silberman	Date Extracted: 01/08/09
Martinez, CA 94553	Client P.O.:	Date Analyzed 01/09/09

Total Extractable Petroleum Hydrocarbons*

Extraction method SW3510C Analytical methods: SW8015B Work Order: 0901130

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	DF	% SS
0901130-002C	MW-1	W	ND	1	108
0901130-003C	MW-3	W	ND	1	107
0901130-004C	MW-Dup	W	ND	1	108
0901130-005C	MW-2	W	ND	1	108

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

* 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:

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: 40724 WorkOrder: 0901130

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0901122-010B**

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	97.8	104	6.20	101	99.1	1.95	70 - 130	30	70 - 130	30
Benzene	ND	10	120	122	2.13	114	109	4.12	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	2.8	50	87.7	89.2	1.51	103	104	1.54	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	110	116	5.00	105	101	3.65	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	117	124	5.37	113	110	2.84	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	10	99.8	119	17.6	108	105	2.75	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	80.1	83	3.58	78.1	75.6	3.16	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	107	113	5.32	107	104	2.50	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	115	123	7.01	121	118	2.65	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	8.0	10	91.4	87.6	2.25	111	108	3.05	70 - 130	30	70 - 130	30
Toluene	ND	10	128	126	1.83	119	114	3.76	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	105	121	14.6	106	101	4.87	70 - 130	30	70 - 130	30
%SS1:	100	25	89	95	6.60	91	91	0	70 - 130	30	70 - 130	30
%SS2:	98	25	89	87	2.17	83	84	0.670	70 - 130	30	70 - 130	30
%SS3:	88	2.5	110	85	25.3	92	91	0.178	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 40724 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901130-001A	01/08/09 8:00 AM	01/09/09	01/09/09 9:18 PM	0901130-002A	01/08/09 10:15 AM	01/09/09	01/09/09 3:28 PM
0901130-003A	01/08/09 10:55 AM	01/09/09	01/09/09 10:04 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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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

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

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40727 WorkOrder: 0901130

EPA Method SW8260B **Extraction SW5030B** **Spiked Sample ID: 0901130-004A**

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	104	103	0.554	92.6	93.1	0.606	70 - 130	30	70 - 130	30
Benzene	ND	10	121	120	0.737	110	111	0.245	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	50	103	100	3.20	90.2	90.6	0.423	70 - 130	30	70 - 130	30
Chlorobenzene	ND	10	108	107	1.09	103	102	0.689	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	10	117	117	0	111	108	2.73	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	3.3	10	116	117	0.567	96.1	95	1.11	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	10	81.7	81.1	0.684	74.7	75.4	0.881	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	10	114	114	0	100	101	0.649	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	10	125	124	0.955	109	109	0	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	10	115	115	0	98.7	98	0.671	70 - 130	30	70 - 130	30
Toluene	ND	10	116	116	0	120	120	0	70 - 130	30	70 - 130	30
Trichloroethene	ND	10	119	118	0.744	96.6	96.4	0.148	70 - 130	30	70 - 130	30
%SS1:	99	25	99	99	0	91	90	1.03	70 - 130	30	70 - 130	30
%SS2:	85	25	85	84	1.14	91	90	1.41	70 - 130	30	70 - 130	30
%SS3:	78	2.5	78	77	0.779	105	107	1.65	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 40727 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901130-004A	01/08/09 11:10 AM	01/12/09	01/12/09 1:20 PM	0901130-005A	01/08/09 11:40 AM	01/12/09	01/12/09 2:03 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 and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with 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 SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40723 WorkOrder: 0901130

EPA Method SW8021B/8015Cm **Extraction SW5030B** **Spiked Sample ID: 0901128-004A**

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	109	106	2.53	99.7	107	7.50	70 - 130	20	70 - 130	20
MTBE	ND	10	98.7	103	4.10	96.3	81.5	16.6	70 - 130	20	70 - 130	20
Benzene	ND	10	86.3	93.9	8.42	88.5	84	5.21	70 - 130	20	70 - 130	20
Toluene	ND	10	89.1	94.9	6.32	94.2	87.4	7.54	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	91.9	85.4	7.35	96.3	88.2	8.84	70 - 130	20	70 - 130	20
Xylenes	ND	30	102	110	7.57	108	99.8	8.05	70 - 130	20	70 - 130	20
%SS:	96	10	99	99	0	103	100	2.92	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 40723 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901130-002B	01/08/09 10:15 AM	01/09/09	01/09/09 6:40 PM	0901130-003B	01/08/09 10:55 AM	01/09/09	01/09/09 7:14 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.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40728 WorkOrder: 0901130

EPA Method SW8021B/8015Cm **Extraction SW5030B** **Spiked Sample ID: 0901130-005B**

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	102	105	3.23	105	101	3.80	70 - 130	20	70 - 130	20
MTBE	ND	10	94.5	92.9	1.66	86.4	101	16.0	70 - 130	20	70 - 130	20
Benzene	ND	10	89	81.3	9.01	82.9	96.8	15.4	70 - 130	20	70 - 130	20
Toluene	ND	10	91.1	87.7	3.88	86.6	99.3	13.7	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	82.2	91	10.1	86.5	99.2	13.7	70 - 130	20	70 - 130	20
Xylenes	ND	30	103	102	0.274	99	114	13.8	70 - 130	20	70 - 130	20
%SS:	94	10	99	103	4.14	100	101	0.362	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 40728 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901130-004B	01/08/09 11:10 AM	01/09/09	01/09/09 7:47 PM	0901130-005B	01/08/09 11:40 AM	01/09/09	01/09/09 8:21 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.

DHS ELAP Certification 1644

QA/QC Officer

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"When Quality Counts"

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 40729 WorkOrder: 0901130

EPA Method SW8015B **Extraction SW3510C** **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	96.2	95.9	0.323	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	74	74	0	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 40729 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0901130-002C	01/08/09 10:15 AM	01/08/09	01/09/09 2:09 AM	0901130-003C	01/08/09 10:55 AM	01/08/09	01/09/09 5:35 AM
0901130-004C	01/08/09 11:10 AM	01/08/09	01/09/09 6:43 AM	0901130-005C	01/08/09 11:40 AM	01/08/09	01/09/09 7:51 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

0901130

Environmental Sampling Services

6680 Alhambra Ave., #102
Martinez, California 94553-6105
Tel: (925) 372-8108 Fax: (925) 372-6705
Log Code: ESSM www.envsampling.com

CHAIN OF CUSTODY RECORD

Page 1 of 1

TURN AROUND TIME Other:

LABORATORY: McCampbell
Lab Code: MAC

☐ 24 Hours	☐ 48 Hours	☐ 1 Week	☑ Normal

Report To: Ron Silberman Telephone: 510-547-7177
Company: 1240 Powell Street Assoc. Fax:
Address: 5835 Doyle Street Project Name: 1240 Powell Street
Emeryville, CA 945608 Project Number:
cc results (E-Mail): nozaki4472@gmail.com Bill To: 1240 Powell Street Assoc.
Sampler(s): Jacqueline Lee ☑ Sampler's Signature:
Stephen Penman ☐ Sampler's Signature:
GeoTracker No.: NA
Reporting Requirement: Hard Copy : Yes ☑ No ☐
EDD File: Yes ☑ No ☐ Electronic (EDF) : Yes ☐ No ☑

SAMPLE ID	FIELD POINT NAME	Sample Date	Sample Time	Number of Containers	Type of Container[1]	Matrix: Groundwater	Soil	Soil Vapor	Water	Other	Preservative: Ice	HCl	HNO_3	H_2SO_4	VOCs (EPA 8260B)	TPH-Gasoline & BTEX (EPA 8015) *	Fuel Oxygenates * and Ethanol	TPH-Diesel (EPA 8015)	Field Filtered (FF)	Comments
Trip Blank	QCTB 1	1/8/09	8:00	4	1				X		X	X			X					* Fuel Oxygenates:
MW-1	MW-1	1/8/09	10:15	5	1,2	X					X	X			X	X	X	X		TBA, MTBE, DIPE
MW-3	MW-3	1/8/09	10:55	5	1,2	X					X	X			X	X	X	X		ETBE, TAME, EDB
MW-DUP	QCFD	1/8/09	11:10	5	1,2	X					X	X			X	X	X	X		& 1,2-DCA
MW-2	MW-2	1/8/09	11:40	5	1,2	X					X	X			X	X	X	X		

ICE/t° 1.8 3.9 °C
GOOD CONDITION ✓ APPROPRIATE CONTAINERS ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB ✓ PRESERVED IN LAB ✓
PRESERVATION VOAS O&G METALS OTHER

Relinquished By:	Date:	Time:	Received By:
	1/8/2009	14:45	Enviro-Tech SR.
Enviro-Tech SR.	1/8	1600	Derek Coste
Derek Coste	1/8/09	1625	

1 = Sample Container Type: 1 =VOA 2=Glass 3=Plastic 4=Summa Canister

QUESTIONS REGARDING COC, CALL ESS

Please email COC for confirmation to:

SAMPLE RECEIPT
☐ Intact ☐ Cold
☐ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ NA

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0901130 **ClientCode: ESS**

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

Report to:
Ron Silberman
Environmental Sampling Services
6680 Alhambra Ave. #102
Martinez, CA 94553
FAX (925) 372-6705

Email: rons51@yahoo.com
cc: nozaki4472@gmail.com
PO:
ProjectNo: #1240 Powell Street

Bill to:
Ron Silberman
1240 Powell Street Assoc.
5835 Doyle Street
Emeryville, CA 945608

Requested TAT: 5 days

Date Received: **01/08/2009**
Date Printed: **01/12/2009**

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
0901130-001	Trip Blank	Water	1/8/2009 8:00	☐		A		A								
0901130-002	MW-1	Water	1/8/2009 10:15	☐	A		B		C							
0901130-003	MW-3	Water	1/8/2009 10:55	☐	A		B		C							
0901130-004	MW-Dup	Water	1/8/2009 11:10	☐	A		B		C							
0901130-005	MW-2	Water	1/8/2009 11:40	☐	A		B		C							

Test Legend:

1	8260B+7OXY_W	2	8260B_W	3	G-MBTEX_W	4	PREDF REPORT	5	TPH(D)_W
6		7		8		9		10	
11		12							

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.

APPENDIX D

Hand Written Log Prepared by Susan Hugo, Alameda County Department of Environmental Health, 1991

FILE OR PER NO. S.H. ENVELOPE No. ____ of ____

☐ OWNER Garza & Assoc.
Address 1240 Powell st.
Emeryville 94608 Phone
☐ Contractor Aqua Science Engr.
Address P.O. Box 535/2500 Old Crow Canyon San Ramon 94583
Phone 820-9391
David Trull
☐ OTHER (Specify)
Address
Phone
☒ CONTACT FOR INVESTIGATION

PLAN REVIEW	By	Date
$ 432.00 Rec'd.	TS	11/7/91
No. 612146 Plans Rec'd.		
Plans Approved		
Layout Made		
Rejected		
Applicant Notified		
Plans Returned		
Permit Issued		

CONSTRUCTION PROGRESS ACCEPTANCE			
FOOD	Pre-Plaster/drywall		
	Pre-Final		
	Final		

		By	Date
POOL	Pre-Concrete/Gunite		
	Pre-Plaster		
	Final		
EXCAVATION	Septic Tank		
	Absorption Field		
	Absorption Bed		
FINAL	House Sewer		
	Septic Tank		
	Absorption Field		
	Absorption Bed		
OTHER			

STD 6360

	By	Date
Pre-Covering		
Final		

XR

REMARKS

Date	By	
11/8/91	SH	Tank closure plan reviewed, approved.
11/22/91	SH	1-4000 G gasoline Tank removed. Excavation pit accessible to public, no apparent holes in the tank, Excavation pit lined with plastic, stockpiled soil used to backfilled the pit for compression. 4 stockpiled soils showed detectable amounts of TPHg, BTX&E, Total Pb, stockpiled soil

REMARKS

Date	By	cont'd.
		must be re-excavated. 2 Soil samples collected from each end of the tank.
11/25/91	SH	Received faxed copy of lab results 2 bottom soil sampling, stockpiled soil samples were N.D. for both TPH gasoline & BTX&E.

LOCATION

Vicinity Map

DEBITED 8/10/97 SMR

Project # 612146
Fee Paid 432.00
Date 11/7/91