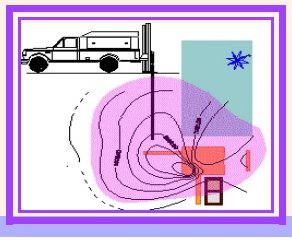
Franklin J. Goldman, CHG.
Environmental and Hydrogeological Consulting
PO BOX 59, Sonoma, CA 9547[illegible]
Phone: (707) 694-1375
fjgoldmanchg@yahoo.com



RECEIVED
2:27 pm, Mar 05, 2008
Alameda County
Environmental Health

February 26, 2008

Jerry Wickham
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-9335

Telephone: (510) 567-6791
FAX: (510) 337-9335

SUBJECT: FINAL TECHNICAL REPORT ON OFFSITE SUBSURFACE HYDROGEOLOGIC INVESTIGATION AND GROUNDWATER MONITORING OF HYDROCARBONS @ 1001 77th Avenue, Oakland, CA 94621 - Case RO2905

Dear Mr. Wickham:

Enclosed are the details of the subsurface hydrogeologic investigation completed as required in the Alameda County correspondence dated May 30, 2007.

Initially, four (4) groundwater monitor wells were installed at the intersection of Spencer Street and 77th Avenue in Oakland, CA. Later, an additional three (3) groundwater monitor wells were installed along 77th Avenue to verify the groundwater gradient flow and direction. The purpose of this investigation was to determine the extent of migration of dissolved contaminants such as benzene and other fuel related chemicals. Dissolved benzene was identified in a water sample collected from MW-4, the well closest to the former underground storage tank location. Chlorinated solvents were also identified in the water samples collected from most of the monitor wells, however, no onsite point source was identified.

Sincerely,

Franklin J. Goldman

REGISTERED GEOLOGIST
FRANKLIN J. GOLDMAN
CERTIFIED HYDROGEOLOGIST
NO. 466
STATE OF CALIFORNIA

Franklin J. Goldman
Certified Hydrogeologist No. 466

SUBSURFACE INVESTIGATION ACTIVITIES

SITE LOCATION AND DESCRIPTION

The offsite investigation area is located, on a City of Oakland public street, in a mixed commercial and residential zone. The former underground storage tank (UST) was located in front of a one story building located on the northeast corner of Spencer Street and 77th Avenue in Oakland, CA. Based upon the research performed to date, the UST was likely removed prior to the date that USTs were regulated by the State of California. The one story building covers most of the property and has been abandoned for many years. The area around the former UST excavation is covered by asphalt surface cover and most of the surface drainage flows to the storm drain inlet located at the corner of the property at Spencer and 77th. In addition, a hydraulic hoist and oil/water separator were identified during the installation of soil boring SB-8, inside the site building adjacent to Spencer street.

EXECUTIVE SUMMARY

Installation of the initial four (4) groundwater monitor wells was completed as required in the July 10, 2006 correspondence letter from Alameda County Environmental Health (ACEH) approving the June 26, 2006 Workplan for Offsite Investigation Report. The field investigation was completed on February 17, 2007.

On December 26 and 27, 2007, three (3) additional groundwater monitor wells and one soil boring were installed to further define the hydrocarbon and solvent contamination at the site.

After a supplemental certified land survey of the seven (7) groundwater monitor well locations and elevations was recently completed, the groundwater gradient flow direction was verified. The groundwater gradient flow direction was determined to be to the south at a gradient of 0.016 (See Figure 1 for groundwater gradient flow map). The water level elevations at MW-1 and MW-2 were found to be anomalously high; suggesting a different hydrogeological regime than the rest of the investigation area. This may be due to the influence of the sewer line that runs in the street immediately adjacent to the two wells.

On January 14, 2008, the groundwater monitor wells were sampled for dissolved gasoline and solvent related constituents in groundwater.

The laboratory results identified 16 ppb benzene in a water sample obtained from MW-4 which is located adjacent to the former UST pit. No benzene was identified in any of the soil samples collected from the new well locations MW-5, MW-6, and MW-7. Gasoline range organics (GROs) were identified in the soil sample collected from 8 ½ to 9 feet bgs at MW-7, a well located a little further away from the former tank pit than MW-4. Also, 2.0 ppb MTBE was identified in the water sample collected from MW-5 (See Figure 2 for map of the distribution of gasoline related constituents in soil and groundwater). The laboratory analysis results, based on EPA Method 8260b, identified GROs at 11,000 ppb in MW-4, located immediately adjacent to the former UST pit. Also, the GROs identified in the water samples collected from the remaining wells were found to be primarily Trichloroethylene (TCE) instead of GROs. Furthermore, no benzene, toluene, ethylbenzene, and xylene (BTEX), trimethylbenzenes, and napthalene were identified in groundwater in any of the wells except for MW-4 (See Appendix A for Laboratory Data Sheets for water samples collected and analyzed). Therefore, it appears that the GROs are very limited and isolated to the area immediately adjacent to the former UST location.

TCE as well as perchloroethylene (PCE) and vinyl chloride (VC) were identified in water samples collected from all seven (7) groundwater monitor wells. Very low concentrations of TCE were identified below the saturated zone in soil in MW-5, MW-6, and MW-7 at levels that were well below the concentrations of the TCE in water for each well (See Figure 3 for map of the distribution of chlorinated solvents in soil and

groundwater). Note that the depth to water ranged from 3.64 to 6.98 feet bgs and the depth of the soil samples with TCE was collected from between approximately 9 and 15 ½ feet bgs (See Table A below).

Table A - Concentrations of TCE in Soil and Water (ppm)

Well ID	Water	Soil	Depth of Soil Sample feet bgs
MW-5	1.7	0.035	9 to 9 ½
		0.062	13 to 13 ½
MW-6	0.5	0.0068	15 to 15 ½
MW-7	0.41	0.016	12 ½ to 13

Based upon this comparison, the concentrations of TCE in soil are most likely the result of "short-circuiting," (*Ref: Pankow & Cherry, 1996, pages 421-422*) when sampling soil through a solvent contaminated water zone. Therefore, the chlorinated solvents identified in soil are very "unlikely" indicative of a solvent point source on site.

Furthermore, it must also be noted, that groundwater monitor wells MW-3, MW-4, and MW-7 have the lowest concentrations of dissolved solvent and are down-gradient of the site building area where a solvent point source, if present, would most likely be located. Finally, the wells with the highest concentrations of solvent in the investigation area appear to be located adjacent to lineages of underground utilities (See Figure 4 for area wide map of public sewer and storm drain lines relative to site solvent contamination). The public utility line locations shown on Figure 4 were estimated based upon a map provided by the City of Oakland (See Appendix B for City map) and field observations and documentation of manhole covers, sewer clean-outs, and storm drain grates, and water line access valves. A water supply well survey was provided in the May 09, 2007 "Interim Technical Report on Offsite Subsurface Hydrogeologic Investigation……," which identified wells within the potential reach of a dissolved gasoline plume. Supply wells more than 1/4 mile away could not be impacted.

Since the storm drain and sewer lines run from southwest to northeast along 77th Avenue, there are several sites up-flow which could have contributed the solvent contamination identified in the investigation area. For instance, solvents were identified in a water sample (i.e. 3,000 ppb TCE) which was collected from a hydropunch soil boring drilled adjacent to a sewer line directly up-flow from the investigation area. This investigation was associated with the property located at 958 77th Avenue, Oakland (See Appendix C for Alameda County Letter regarding 958 77th Avenue). On January 28, 2008, during a site and area-wide field inspection, it was reported that groundwater monitor wells are located at the rear of the property at 958 77th Avenue, and that auto dismantling is ongoing, and has been performed for many years at the rear of the building on the property. The owner of the property is reported to be Greg Louis of Patrick's Recycling. Also, a monitor well was identified in the street in front of Creative Wood at 900 77th Avenue, Oakland. On January 14th, 2008, during water sampling at the site, a drive- by of the Public parking area at the southwest side of the Creative Wood building revealed dredging of a large grate, which appeared to be a storm drain, by Creative Wood employees or contractors. As observed from the entrance of the parking area, it was not clear what the discharge was, however, workers that emerged from the property were covered in a black liquid. Also, the Sunshine Baking Company, which is a massive building structure located on 81st Street, behind 958 77th Avenue, and is now abandoned, was reported to have had a large truck fleet maintenance operation. This could also be the source of solvent contamination in the area.

The final stage of the investigation involved the drilling of a soil boring (SB-8) in the building in the former service bay located closest to Spencer street. A concrete coring machine cut through the slab and revealed a hydraulic hoist and an oil /water separator inside a large subsurface concrete vault. The vault was filled with a sandy backfill material saturated with oil. A representative loose soil sample was collected for analysis and revealed only motor oil range organics. No gasoline or solvent was identified to be associated with these potential point sources.

Work Activities Completed

Encroachment, obstruction, and excavation permits were obtained by the City of Oakland Community and Economic Development Agency. The delay in completing the investigation was due to the extraordinarily long and arduous process the City requires to obtain permission to drill in the street. Also, a well construction permit was obtained from the Alameda County Public Works Agency prior to drilling.

The three (3) groundwater monitor well locations were marked at the site in white paint prior to the commencement of drilling excavation activities for Underground Service Alert. Each soil boring location was hand augered to a depth of five (5) feet bgs prior to excavation to avoid causing damage to underground piping and utility lines. Placement of the wells in the exact locations proposed in the approved workplan was hampered by overhead lines that would have been too close to the drilling tower. Well locations did end up in a configuration conducive to meeting the goals of the investigation. The soil borings were excavated from 13 to 15 feet with a hollow stem auger drill rig (See Appendix D for Soil Boring Logs for MW-5, MW-6, & MW-7).

Soil Sampling Procedures for Groundwater Monitoring Well Excavations

On December 26 and 27, 2007, three (3) groundwater monitor well soil borings were excavated by a C-57 drilling licensed drilling contractor Woodward Drilling of Rio Vista, CA). All borehole logging were performed by a qualified field geologist who kept a detailed hydrostratigraphic log of each borehole, noting lithologic changes, hydrogeological characteristics, sample locations, and well construction. Soil sampling was performed, where appropriate, in order of identify significant changes in soil hydrostratigraphy and to provide a sufficient representation of the distribution of contaminants in the subsurface. Soil samples were collected from a general minimum average distribution of (5) foot vertical intervals as well as from other depths as determined according to the feedback provided by the soil stratigraphy and hydrogeologic characteristics encountered. Soils encountered during drilling were predominantly clays with minor amounts of silt, sand, and gravel.

The soil samples were collected with a two (2) inch inner diameter, three (3) foot long, split spoon sampler fitted with 6 inch long, 2 inch diameter, brass sleeve insertions, focusing on depth locations where hydrocarbon contaminants were suspected. The soil samples were obtained by the compressive force of a 140 lb hammer dropped from a height of 18 inches. The soil samples were extruded into six (6)-inch long brass sample liners. Soil samples were chosen for lab analyses based upon obvious olfactory and visual evidence of contamination, by photoionization detector (PID) screening, and/or at significant changes in hydrostratigraphic horizons.

Each soil sample was collected and covered at each end of the brass cylinder/sleeve, with teflon sheets, and sealed with plastic end caps. The soil samples were labeled with a non-toxic ink field marker as to the depth and location the sample was collected, the sample number, and the project name and inserted into a plastic Zip-Lock bag and then placed into an ice chest for transport back to the laboratory. The chain-of-custody was designated in a similar manner and included with the date and time the sample was collected as well as the depth interval. Soil samples were analyzed for gasoline range organics (GRO) and BTEX (See Attachment A for Laboratory Data Sheets for Soil Sampling Analyses) (See Figures 2 & 3 for map of gasoline & solvent related constituents in soil) & (Tables 1 & 2 for Summary of Lab data for soil).

Organic lead analysis, associated with gasoline usage was inadvertently excluded from analysis. Soil samples were also analyzed for long chain hydrocarbons such as motor oil range organics. No such hydrocarbons were identified in subsurface soils during this recent phase of investigation.

The sampler was decontaminated before and after each use by rinsing with an Alconox solution wash and fresh tap water rinse. All rinseate water, purge water, and soil waste have been stored in 55 gallon DOT approved drums. The drums have been stored onsite until authorization for transport to legal point of disposal is made.

WELL CONSTRUCTION

On December 26 and 27, 2007, the three (3) soil borings were converted to groundwater monitor wells and constructed with a 0.01 inch PVC schedule 40 slotted casing and schedule 40, 2 inch diameter PVC blank casing. No. 212 silica sand pack was placed in the annular space between the screened casing and the open borehole to one foot above the top of the screen. Even with the small sized slotted screen (e.g. 0.01 inch slots), it has not prevented high turbidity in water samples collected from the monitor wells after development and purging.

A two foot thick bentonite seal was placed on one foot of sand in the annular space. A Type II cement bentonite grout was then tremmied from the bottom up to within approximately one foot from the top of the surface cover. A continuous concrete pour was placed on top of the grout to the surface where it was be finished with a 3 inch high concrete apron around a well box and locking well cap (See Figure 5 for Generalized Well Construction Detail) & (See Appendix D for individual well construction details for MW-5, MW-6, & MW-7).

WELL DEVELOPMENT AND PURGING PROCEDURES

On January 07, 2008 (more than 48 hours after installation), MW-5, MW-6, and MW-7 were developed by Blaine Technical Services, after installation to remove fine grained soil residue and well construction materials from the well casing and screen. In addition, MW-1, MW-2, MW-3, and MW-4 were also purged by Blaine Tech due to the ten month hiatus between well installations (See Appendix E for Blaine Technical Services Well Development logs).

Note that the well development sheets by Blaine shows concentrations of total dissolved solids (TDS) at concentrations averaging greater than 500 ppm. This is above the limit set by the SFRWQCB Basin Plan for drinking water. The beneficial uses of the groundwater beneath the site are therefore limited.

On January 14, 2008, prior to purging, the depth to groundwater was measured to use as a reference elevation. Purging of the wells was performed by the use of dedicated 1½ inch diameter plastic disposable check valve bailors for each separate well. Each well was sampled after well purging which entailed the removal of more than three (3) well volumes of groundwater from each well, allowing the water level to recover to at least 80% of the original, static water level. Temperature, electrical conductivity, pH and turbidity were monitored during the bailing process with a Horiba U10, so that the parameters demonstrated an error difference of within 10% from one another, over at least three consecutive readings for each well was accomplished (See Appendix F for Well Purging Logs). The recorded data was used to verify that a sufficient volume of groundwater had been removed from each well casing so that anomalies caused by remnant well casing storage would not preclude us from obtaining a groundwater sample which would be more representative of the aquifer contaminant distribution as a whole. Well purge water was placed in properly labeled 55 gallon drums which were left on-site to be transported to a legal point of disposal.

WATER DEPTH MEASUREMENT RELATIVE TO A CERTIFIED LAND SURVEY

On January 16, 2008, a water level meter was used to measure the depth to groundwater in the groundwater monitor wells. The measurements were read to the

nearest 100th of a foot from the top of casing.

On December 28, 2007, a state certified land survey was conducted for the top-of-casing elevations and locations for the three wells (See Attachment D for Certified Land Surveys) .

Depth to groundwater was measured after stabilization of water levels. Top-of-casing elevations relative to the depth to groundwater establishes the groundwater gradient flow direction at the time measurements are made in the field.

Groundwater Sampling and Analyses From Wells

On January 14, 2008, water samples were collected by lowering dedicated plastic disposable check valve bailors down the center of each well casing. Water samples were contained in 40-milliliter VOA vials for TPH-g, BTEX, oxygenates, and lead scavenger analyses by draining the bailer from the bottom with a specifically fitted drain tube to minimize volatilization. The VOAs were carefully checked for air bubbles prior to acceptance and labeling on the chain-of-custody. EPA Method 8260b for 5 oxygenates and two lead scavengers were used to confirm the presence of MTBE and other gasoline related constituents (See Attachment A for Laboratory Data Sheets for Water Sampling Analyses) (See Figures 2 & 3 for maps of the distribution of gasoline and solvent related constituents in groundwater) & (Tables 3 & 4 for Summary of Lab data for water). Organic lead analysis, associated with gasoline usage was inadvertently excluded from analysis.

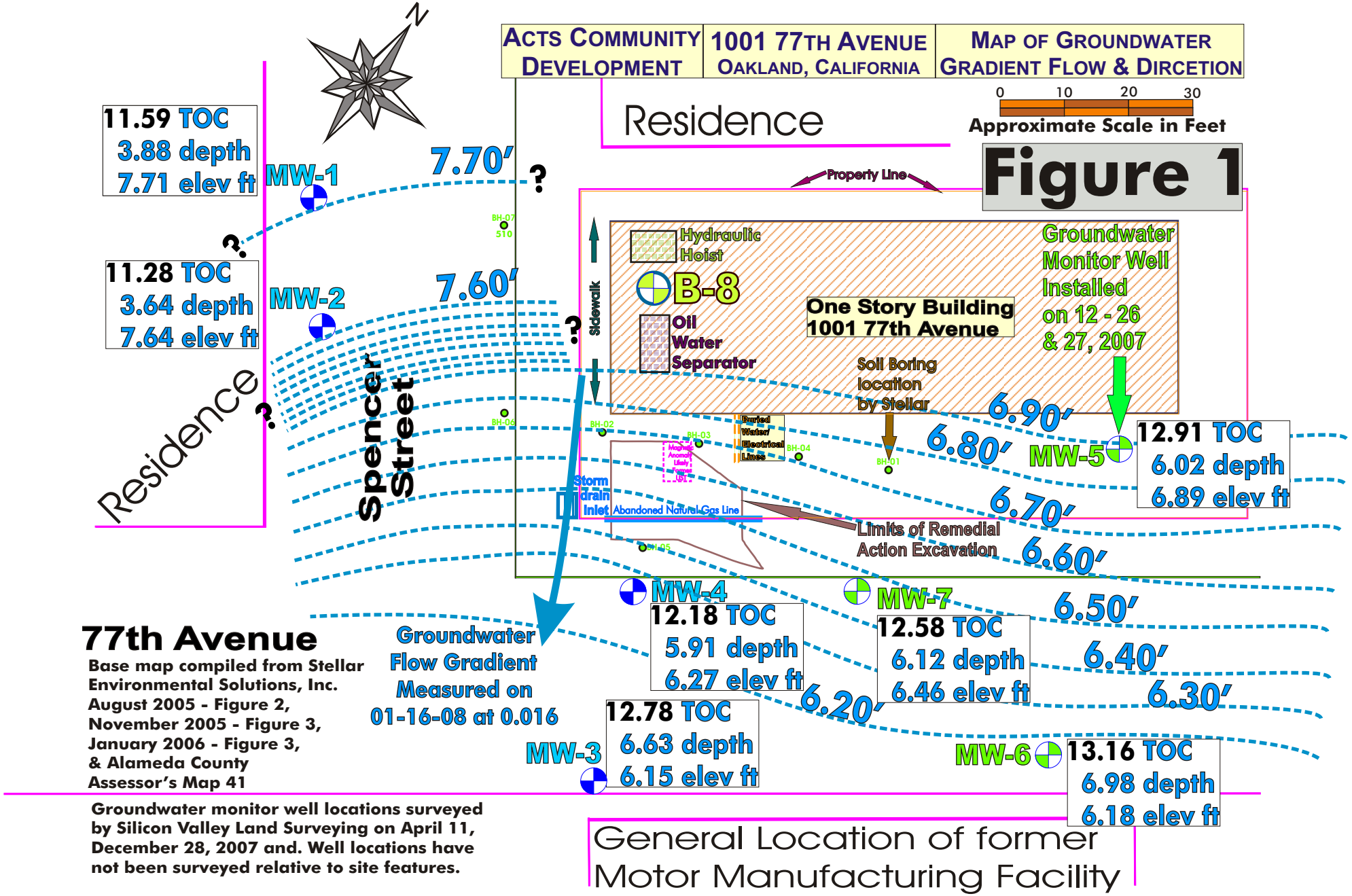
The samples were labeled and stored on ice until delivered, under chain-of-custody procedures, to a State-certified analytical laboratory.

Conclusions and Recommendations

Close the site relative to the former UST contamination. The source has been removed and the highest concentration of dissolved benzene in groundwater is only 16 ppb in MW-4. The initial groundwater sampling of MW-4 identified only 50 ppb in groundwater. No benzene was identified in any or the other wells indicating that the gasoline plume is now very limited in extent. In addition, the 1.3 ppm benzene identified in MW-4 at 8 feet bgs was clean at 5 feet and 14 feet bgs. Since the lack of solvents in soil implies that the dissolved solvent identified in the investigation area is likely coming from offsite (i.e. likely along the sewer lines), Alameda County should name all other potential solvent dischargers up-flow of the investigation area as potential responsible parties prior to requiring ACTS Community Development from performing anymore environmental work at this site.

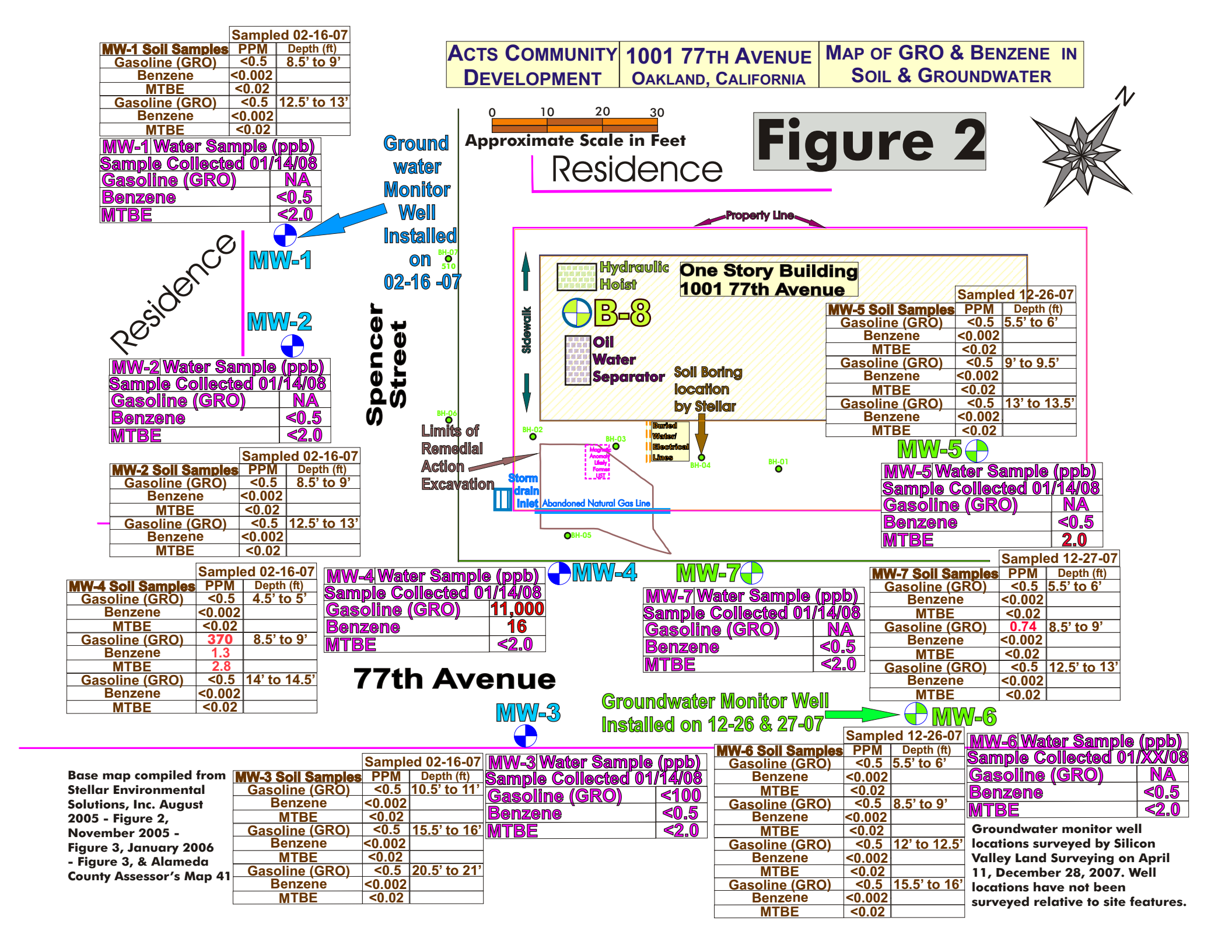
Limitations

This report has been prepared in accordance with generally accepted environmental, geological and engineering practices. No warranty, either expressed or implied, is made as to the professional advice presented herein. The analyses, conclusions and recommendations contained in this report are based upon site conditions as they existed at the time of the investigation and they are subject to change. The conclusions presented in this report are professional opinions based solely upon visual observations made within individual soil excavations and of the site and vicinity as well as on interpretations of available information as designated in this report. Franklin J. Goldman, maintains that the limited scope of services performed in the execution of this investigation may not be sufficient to satisfy the needs, and/or requirements of all regulatory agencies or other users. Any use or reuse of this document, its findings, its conclusions and/or recommendations presented herein, is done so at the sole risk of the said user.


ACTS COMMUNITY DEVELOPMENT
1001 77TH AVENUE OAKLAND, CALIFORNIA
MAP OF GROUNDWATER GRADIENT FLOW & DIRCETION
Figure 1
0 10 20 30
Approximate Scale in Feet
N
Residence
Property Line
11.59 TOC
3.88 depth
7.71 elev ft
MW-1
7.70′
11.28 TOC
3.64 depth
7.64 elev ft
MW-2
7.60′
Residence
Spencer Street
Sidewalk
Hydraulic Hoist
B-8
Oil Water Separator
One Story Building
1001 77th Avenue
Soil Boring location by Stellar
Groundwater Monitor Well Installed on 12 - 26 & 27, 2007
Buried Water/ Electrical Lines
Storm drain Inlet
Abandoned Natural Gas Line
Limits of Remedial Action Excavation
6.90′
6.80′
6.70′
6.60′
6.50′
6.40′
6.30′
6.20′
MW-5
12.91 TOC
6.02 depth
6.89 elev ft
MW-4
12.18 TOC
5.91 depth
6.27 elev ft
MW-7
12.58 TOC
6.12 depth
6.46 elev ft
MW-3
12.78 TOC
6.63 depth
6.15 elev ft
MW-6
13.16 TOC
6.98 depth
6.18 elev ft
77th Avenue
Base map compiled from Stellar Environmental Solutions, Inc. August 2005 - Figure 2, November 2005 - Figure 3, January 2006 - Figure 3, & Alameda County Assessor's Map 41
Groundwater Flow Gradient Measured on 01-16-08 at 0.016
Groundwater monitor well locations surveyed by Silicon Valley Land Surveying on April 11, December 28, 2007 and. Well locations have not been surveyed relative to site features.
General Location of former Motor Manufacturing Facility

ACTS COMMUNITY DEVELOPMENT | 1001 77TH AVENUE OAKLAND, CALIFORNIA | MAP OF GRO & BENZENE IN SOIL & GROUNDWATER

Figure 2



MW-1 Soil Samples	Sampled 02-16-07 PPM	Depth (ft)
Gasoline (GRO)	<0.5	8.5' to 9'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	12.5' to 13'
Benzene	<0.002	
MTBE	<0.02	

MW-1 Water Sample (ppb) Sample Collected 01/14/08	
Gasoline (GRO)	NA
Benzene	<0.5
MTBE	<2.0

MW-2 Soil Samples	Sampled 02-16-07 PPM	Depth (ft)
Gasoline (GRO)	<0.5	8.5' to 9'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	12.5' to 13'
Benzene	<0.002	
MTBE	<0.02	

MW-2 Water Sample (ppb) Sample Collected 01/14/08	
Gasoline (GRO)	NA
Benzene	<0.5
MTBE	<2.0

MW-5 Soil Samples	Sampled 12-26-07 PPM	Depth (ft)
Gasoline (GRO)	<0.5	5.5' to 6'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	9' to 9.5'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	13' to 13.5'
Benzene	<0.002	
MTBE	<0.02	

MW-5 Water Sample (ppb) Sample Collected 01/14/08	
Gasoline (GRO)	NA
Benzene	<0.5
MTBE	2.0

MW-4 Soil Samples	Sampled 02-16-07 PPM	Depth (ft)
Gasoline (GRO)	<0.5	4.5' to 5'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	370	8.5' to 9'
Benzene	1.3	
MTBE	2.8	
Gasoline (GRO)	<0.5	14' to 14.5'
Benzene	<0.002	
MTBE	<0.02	

MW-4 Water Sample (ppb) Sample Collected 01/14/08	
Gasoline (GRO)	11,000
Benzene	16
MTBE	<2.0

MW-7 Water Sample (ppb) Sample Collected 01/14/08	
Gasoline (GRO)	NA
Benzene	<0.5
MTBE	<2.0

MW-7 Soil Samples	Sampled 12-27-07 PPM	Depth (ft)
Gasoline (GRO)	<0.5	5.5' to 6'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	0.74	8.5' to 9'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	12.5' to 13'
Benzene	<0.002	
MTBE	<0.02	

MW-3 Soil Samples	Sampled 02-16-07 PPM	Depth (ft)
Gasoline (GRO)	<0.5	10.5' to 11'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	15.5' to 16'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	20.5' to 21'
Benzene	<0.002	
MTBE	<0.02	

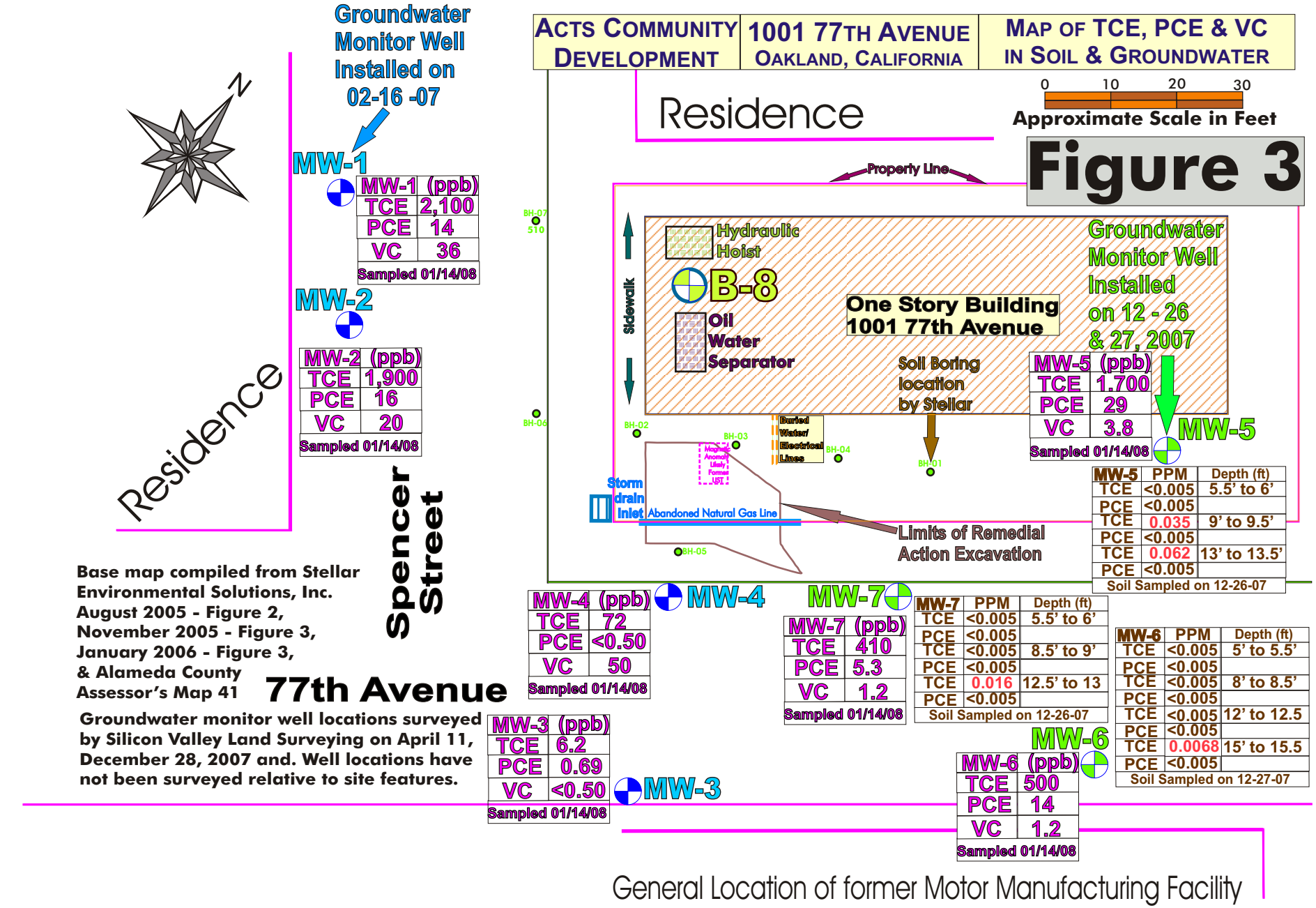
MW-3 Water Sample (ppb) Sample Collected 01/14/08	
Gasoline (GRO)	<100
Benzene	<0.5
MTBE	<2.0

MW-6 Soil Samples	Sampled 12-26-07 PPM	Depth (ft)
Gasoline (GRO)	<0.5	5.5' to 6'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	8.5' to 9'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	12' to 12.5'
Benzene	<0.002	
MTBE	<0.02	
Gasoline (GRO)	<0.5	15.5' to 16'
Benzene	<0.002	
MTBE	<0.02	

MW-6 Water Sample (ppb) Sample Collected 01/XX/08	
Gasoline (GRO)	NA
Benzene	<0.5
MTBE	<2.0

Base map compiled from Stellar Environmental Solutions, Inc. August 2005 - Figure 2, November 2005 - Figure 3, January 2006 - Figure 3, & Alameda County Assessor's Map 41

Groundwater monitor well locations surveyed by Silicon Valley Land Surveying on April 11, December 28, 2007. Well locations have not been surveyed relative to site features.



Base map compiled from Stellar Environmental Solutions, Inc. August 2005 - Figure 2, November 2005 - Figure 3, January 2006 - Figure 3, & Alameda County Assessor's Map 41

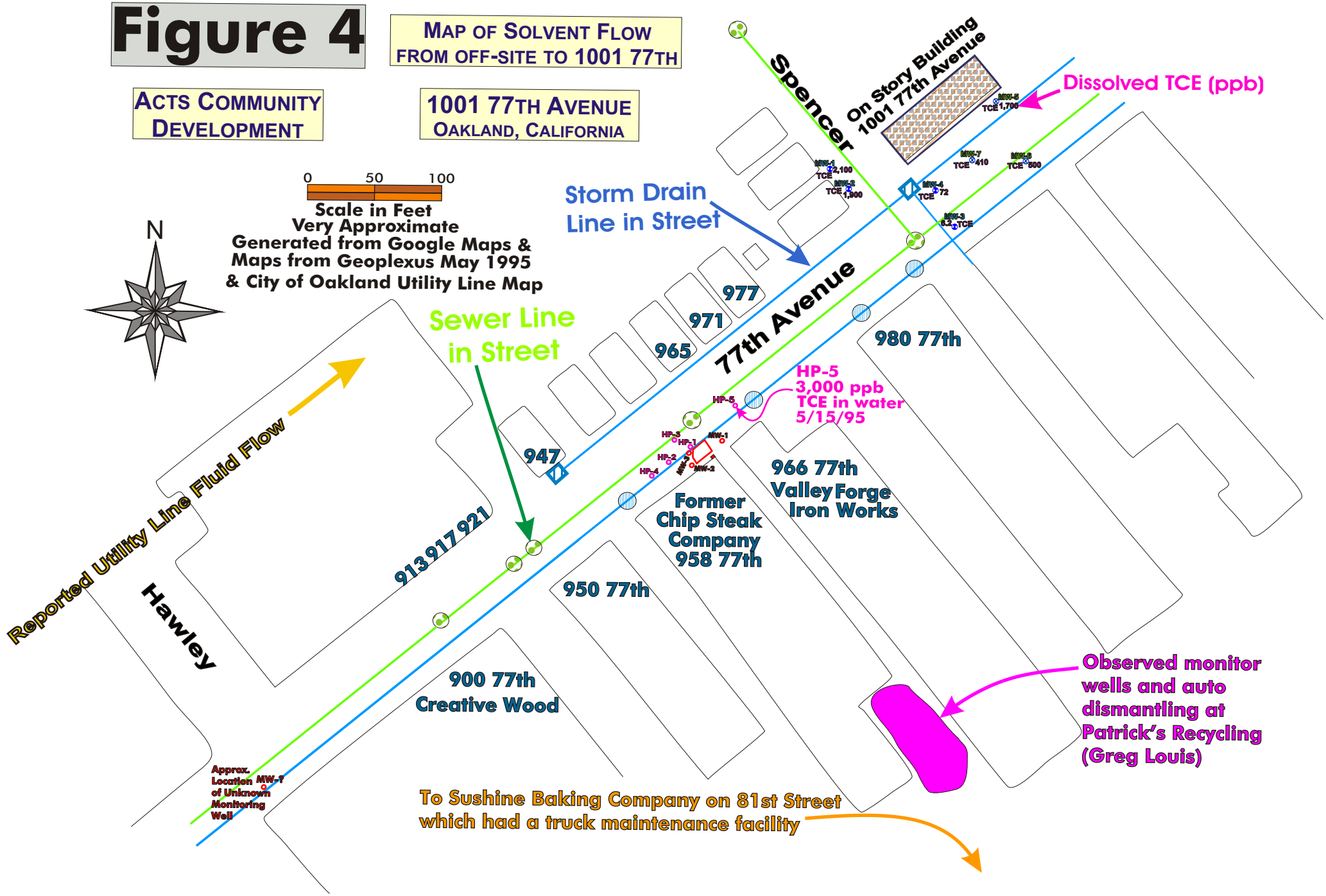
Groundwater monitor well locations surveyed by Silicon Valley Land Surveying on April 11, December 28, 2007 and. Well locations have not been surveyed relative to site features.

Figure 4

Map of Solvent Flow from Off-Site to 1001 77th

Acts Community Development

1001 77th Avenue
Oakland, California



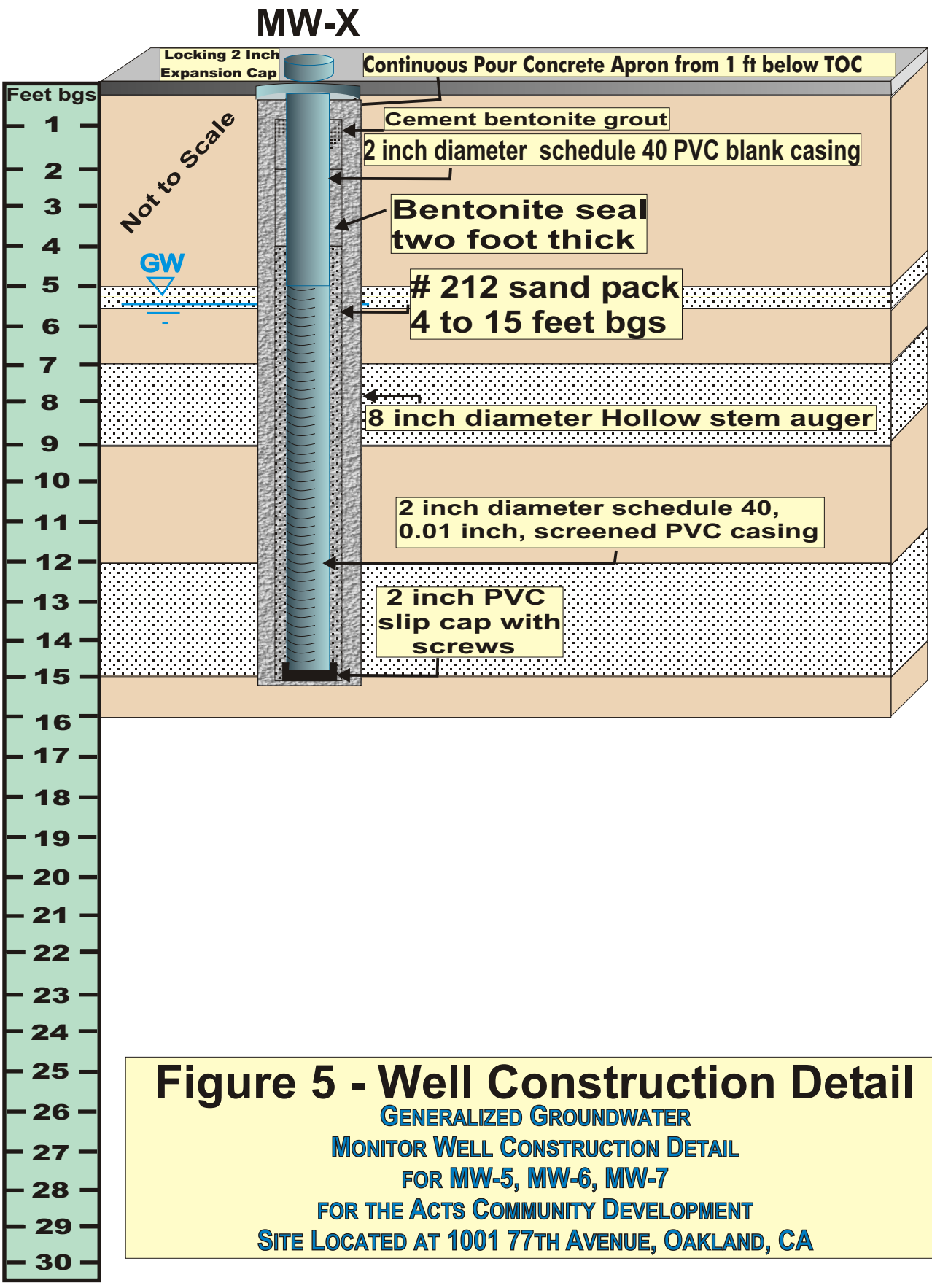


Figure 5 - Well Construction Detail

GENERALIZED GROUNDWATER
MONITOR WELL CONSTRUCTION DETAIL
FOR MW-5, MW-6, MW-7
FOR THE ACTS COMMUNITY DEVELOPMENT
SITE LOCATED AT 1001 77TH AVENUE, OAKLAND, CA

Table I
Summary of Soil Analytical Data
1001 77th Avenue, Oakland, CA
(December 26 & 27, 2007)

ID	(fbg)	Date Sampled	TPHg	B	T	E	X	MTBE	TCE	PCE
			Concentrations in parts per million (ppm)							
MW-5	5.5'	12/26/2007	<0.5	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005
	9'	12/26/2007	<0.5	<0.002	<0.002	<0.002	<0.002	<0.005	0.035	<0.005
	13'	12/26/2007	<0.5	<0.002	<0.002	<0.002	<0.002	<0.005	0.062	<0.005
MW-6	5'	12/27/2007	<0.5	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005
	8'	12/27/2007	<0.5	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005
	12'	12/27/2007	<0.5	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005
	15.5'	12/27/2007	<0.5	<0.002	<0.002	<0.002	<0.002	<0.005	0.007	<0.005
MW-7	5.5'	12/26/2007	<0.5	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005
	8.5'	12/26/2007	0.74	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005
	12.5'	12/26/2007	<0.5	<0.002	<0.002	<0.002	<0.002	<0.005	0.016	<0.005

Notes: TPHg = Total petroleum hydrocarbons as gasoline BTEX = Benzene, Toluene, Ethytbenzene, Xylenes
MTBE = Methyl tert-butyl ether TCE = Trichloroethylene PCE = Perchloroethylene
<X = Concentration less than laboratory reporting limits fbg = feet below grade

Table 2
Summary of Soil Analytical Data
1001 77th Avenue, Oakland, CA
(February 16, 2007)

ID	(fbg)	Date Sampled	TPHg	B	T	E	X			MTBE
			Concentrations in parts per million (ppm)							
MW-1	8.5'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02
	12.5'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02
MW-2	5'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02
	8.5'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02
	12.5'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02
MW-3	10.5'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02
	15.5'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02
	20.5'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02
MW-4	4.5'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02
	8.5'	02/16/2007	370	1.3	1.4	16	72			<0.02
	14'	02/16/2007	<0.5	<0.002	<0.002	<0.002	<0.002			<0.02

Notes: TPHg = Total petroleum hydrocarbons as gasoline BTEX = Benzene, Toluene, Ethytbenzene, Xylenes
MTBE = Methyl tert-butyl ether <X = Concentration less than laboratory reporting limits
fbg = feet below grade

Table 3
Summary of Water Analytical Data
1001 77th Avenue, Oakland, CA
(January 14, 2008)

ID	Date Sampled	TPHg	B	T	E	X	MTBE	TCE	PCE	VC
		Concentrations in parts per billion (ppb)								
MW-1	01/14/2008	Int	<0.5	<0.5	<0.5	<1.0	<2	2100	14	36
MW-2	01/14/2008	Int	<0.5	<0.5	<0.5	<1.0	<2	1900	16	20
MW-3	01/14/2008	Int	<0.5	<0.5	<0.5	<1.0	<2	6.2	0.69	<0.5
MW-4	01/14/2008	11000	16	13	<0.5	1570	<2	72	<0.5	50
MW-5	01/14/2008	Int	<0.5	<0.5	<0.5	<1.0	2	1700	29	3.8
MW-6	01/14/2008	Int	<0.5	<0.5	<0.5	<1.0	<2	500	14	1.2
MW-7	01/14/2008	Int	<0.5	<0.5	<0.5	<1.0	<2	410	5.3	1.2

Notes: TPHg = Total petroleum hydrocarbons as gasoline BTEX = Benzene, Toluene, Ethytbenzene, Xylenes
MTBE = Methyl tert-butyl ether TCE = Trichloroethylene PCE = Perchloroethylene VC = Vinyl Chloride
<X = Concentration less than laboratory reporting limits fbg = feet below grade
Int = Contribution from TCE instead of gasoline range organics

Table 4
Summary of Soil Analytical Data
1001 77th Avenue, Oakland, CA
(March 21, 2007)

ID	Date Sampled	TPHg	B	T	E	X	MTBE	
		Concentrations in parts per billion (ppb)						
MW-1	03/21/2008	Int	<0.5	<0.5	<0.5	<1.0	<2	
MW-2	03/21/2008	Int	<0.5	<0.5	<0.5	<1.0	<2	
MW-3	03/21/2008	<100	<0.5	<0.5	<0.5	<1.0	<2	
MW-4	03/21/2008	27000	50	25	1200	4050	3.3	

Notes: TPHg = Total petroleum hydrocarbons as gasoline BTEX = Benzene, Toluene, Ethytbenzene, Xylenes
MTBE = Methyl tert-butyl ether
<X = Concentration less than laboratory reporting limits fbg = feet below grade
Int = Contribution from TCE instead of gasoline range organics

Appendix A

Laboratory Data Sheets

AMERICAN ANALYTICS

9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

January 30, 2008

Rene Eschon

Acts Community Development

1034 66th Ave

Oakland, CA 94621

Re : Acts Community Development

A67805 / 8A04003

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 01/04/08 11:20 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B+OXY+TPHG					
MW-5 5.5-6	8A04003-01		10	12/26/07 09:20	01/04/08 11:20
MW-5 9-9.5	8A04003-02		10	12/26/07 09:40	01/04/08 11:20
MW-5 13-13.5	8A04003-03		10	12/26/07 09:55	01/04/08 11:20
MW-7 5.5-6	8A04003-04		10	12/26/07 11:20	01/04/08 11:20
MW-7 8.5-9	8A04003-05		10	12/26/07 11:35	01/04/08 11:20
MW-7 12.5-13	8A04003-06		10	12/26/07 11:55	01/04/08 11:20
MW-6 5-5.5	8A04003-07		10	12/27/07 08:40	01/04/08 11:20
MW-6 8-8.5	8A04003-08		10	12/27/07 08:50	01/04/08 11:20
MW-6 12-12.5	8A04003-09		10	12/27/07 09:00	01/04/08 11:20
MW-6 15.5-16	8A04003-10		10	12/27/07 09:10	01/04/08 11:20
Carbon Chain Characterization 8015M					
MW-5 5.5-6	8A04003-01		10	12/26/07 09:20	01/04/08 11:20
MW-5 9-9.5	8A04003-02		10	12/26/07 09:40	01/04/08 11:20
MW-5 13-13.5	8A04003-03		10	12/26/07 09:55	01/04/08 11:20
MW-7 5.5-6	8A04003-04		10	12/26/07 11:20	01/04/08 11:20
MW-7 8.5-9	8A04003-05		10	12/26/07 11:35	01/04/08 11:20
MW-7 12.5-13	8A04003-06		10	12/26/07 11:55	01/04/08 11:20
MW-6 5-5.5	8A04003-07		10	12/27/07 08:40	01/04/08 11:20

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
MW-6 8-8.5	8A04003-08		10	12/27/07 08:50	01/04/08 11:20
MW-6 12-12.5	8A04003-09		10	12/27/07 09:00	01/04/08 11:20
MW-6 15.5-16	8A04003-10		10	12/27/07 09:10	01/04/08 11:20

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/26/07	12/26/07	12/26/07	12/26/07	
Date Prepared:	01/07/08	01/07/08	01/07/08	01/07/08	
Date Analyzed:	01/07/08	01/07/08	01/07/08	01/07/08	
AA ID No:	8A04003-01	8A04003-02	8A04003-03	8A04003-04	
Client ID No:	MW-5 5.5-6	MW-5 9-9.5	MW-5 13-13.5	MW-7 5.5-6	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B)					
Acetone	<50	<50	<50	<50	50
tert-Amyl Methyl Ether (TAME)	<5.0	<5.0	<5.0	<5.0	5.0
Benzene	<2.0	<2.0	<2.0	<2.0	2.0
Bromobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Bromochloromethane	<5.0	<5.0	<5.0	<5.0	5.0
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	5.0
Bromoform	<5.0	<5.0	<5.0	<5.0	5.0
Bromomethane	<5.0	<5.0	<5.0	<5.0	5.0
2-Butanone (MEK)	<50	<50	<50	<50	50
tert-Butyl alcohol (TBA)	<20	<20	<20	<20	20
tert-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
sec-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
n-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	5.0
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Chloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Chloroform	<5.0	<5.0	<5.0	<5.0	5.0
Chloromethane	<5.0	<5.0	<5.0	<5.0	5.0
2-Chlorotoluene	<5.0	<5.0	<5.0	<5.0	5.0
4-Chlorotoluene	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dibromo-3-chloropropane	<10	<10	<10	<10	10
Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dibromoethane (EDB)	<5.0	<5.0	<5.0	<5.0	5.0
Dibromomethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/26/07	12/26/07	12/26/07	12/26/07	
Date Prepared:	01/07/08	01/07/08	01/07/08	01/07/08	
Date Analyzed:	01/07/08	01/07/08	01/07/08	01/07/08	
AA ID No:	8A04003-01	8A04003-02	8A04003-03	8A04003-04	
Client ID No:	MW-5 5.5-6	MW-5 9-9.5	MW-5 13-13.5	MW-7 5.5-6	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Dichlorodifluoromethane (R12)	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichloroethane (EDC)	<5.0	<5.0	<5.0	<5.0	5.0
trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
2,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,3-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
trans-1,3-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,3-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
Diisopropyl ether (DIPE)	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<2.0	<2.0	<2.0	<2.0	2.0
Ethyl-tert-Butyl Ether (ETBE)	<5.0	<5.0	<5.0	<5.0	5.0
Gasoline Range Organics (GRO)	<500	<500	<500	<500	500
Hexachlorobutadiene	<10	<10	<10	<10	10
2-Hexanone (MBK)	<50	<50	<50	<50	50
Isopropylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
4-Isopropyltoluene	<5.0	<5.0	<5.0	<5.0	5.0
Methyl-tert-Butyl Ether (MTBE)	<5.0	<5.0	<5.0	<5.0	5.0
Methylene Chloride	<50	<50	<50	<50	50
4-Methyl-2-pentanone (MIBK)	<50	<50	<50	<50	50
Naphthalene	<10	<10	<10	<10	10
n-Propylbenzene	<5.0	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/26/07	12/26/07	12/26/07	12/26/07	
Date Prepared:	01/07/08	01/07/08	01/07/08	01/07/08	
Date Analyzed:	01/07/08	01/07/08	01/07/08	01/07/08	
AA ID No:	8A04003-01	8A04003-02	8A04003-03	8A04003-04	
Client ID No:	MW-5 5.5-6	MW-5 9-9.5	MW-5 13-13.5	MW-7 5.5-6	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
Styrene	<5.0	<5.0	<5.0	<5.0	5.0
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Tetrachloroethylene (PCE)	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<2.0	<2.0	<2.0	<2.0	2.0
1,2,4-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,2,3-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Trichloroethylene (TCE)	<5.0	**35**	**62**	<5.0	5.0
Trichlorofluoromethane (R11)	<5.0	<5.0	<5.0	<5.0	5.0
1,2,3-Trichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	<5.0	<5.0	<5.0	5.0
1,3,5-Trimethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,2,4-Trimethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Vinyl chloride	<5.0	<5.0	<5.0	<5.0	5.0
o-Xylene	<2.0	<2.0	<2.0	<2.0	2.0
m,p-Xylenes	<2.0	<2.0	<2.0	<2.0	2.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	83.6%	83.1%	86.2%	83.2%	70-140
Dibromofluoromethane	92.3%	88.2%	92.0%	93.0%	70-140
Toluene-d8	101%	100%	97.8%	99.2%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/26/07	12/26/07	12/27/07	12/27/07	
Date Prepared:	01/07/08	01/07/08	01/08/08	01/08/08	
Date Analyzed:	01/07/08	01/07/08	01/08/08	01/08/08	
AA ID No:	8A04003-05	8A04003-06	8A04003-07	8A04003-08	
Client ID No:	MW-7 8.5-9	MW-7 12.5-13	MW-6 5-5.5	MW-6 8-8.5	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B)					
Acetone	<50	<50	<50	<50	50
tert-Amyl Methyl Ether (TAME)	<5.0	<5.0	<5.0	<5.0	5.0
Benzene	<2.0	<2.0	<2.0	<2.0	2.0
Bromobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Bromochloromethane	<5.0	<5.0	<5.0	<5.0	5.0
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	5.0
Bromoform	<5.0	<5.0	<5.0	<5.0	5.0
Bromomethane	<5.0	<5.0	<5.0	<5.0	5.0
2-Butanone (MEK)	<50	<50	<50	<50	50
tert-Butyl alcohol (TBA)	<20	<20	<20	<20	20
tert-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
sec-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
n-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	5.0
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Chloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Chloroform	<5.0	<5.0	<5.0	<5.0	5.0
Chloromethane	<5.0	<5.0	<5.0	<5.0	5.0
2-Chlorotoluene	<5.0	<5.0	<5.0	<5.0	5.0
4-Chlorotoluene	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dibromo-3-chloropropane	<10	<10	<10	<10	10
Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dibromoethane (EDB)	<5.0	<5.0	<5.0	<5.0	5.0
Dibromomethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/26/07	12/26/07	12/27/07	12/27/07	
Date Prepared:	01/07/08	01/07/08	01/08/08	01/08/08	
Date Analyzed:	01/07/08	01/07/08	01/08/08	01/08/08	
AA ID No:	8A04003-05	8A04003-06	8A04003-07	8A04003-08	
Client ID No:	MW-7 8.5-9	MW-7 12.5-13	MW-6 5-5.5	MW-6 8-8.5	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Dichlorodifluoromethane (R12)	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichloroethane (EDC)	<5.0	<5.0	<5.0	<5.0	5.0
trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
2,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,3-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
trans-1,3-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,3-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
Diisopropyl ether (DIPE)	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<2.0	<2.0	<2.0	<2.0	2.0
Ethyl-tert-Butyl Ether (ETBE)	<5.0	<5.0	<5.0	<5.0	5.0
Gasoline Range Organics (GRO)	**740**	<500	<500	<500	500
Hexachlorobutadiene	<10	<10	<10	<10	10
2-Hexanone (MBK)	<50	<50	<50	<50	50
Isopropylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
4-Isopropyltoluene	<5.0	<5.0	<5.0	<5.0	5.0
Methyl-tert-Butyl Ether (MTBE)	<5.0	<5.0	<5.0	<5.0	5.0
Methylene Chloride	<50	<50	<50	<50	50
4-Methyl-2-pentanone (MIBK)	<50	<50	<50	<50	50
Naphthalene	<10	<10	<10	<10	10
n-Propylbenzene	<5.0	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/26/07	12/26/07	12/27/07	12/27/07	
Date Prepared:	01/07/08	01/07/08	01/08/08	01/08/08	
Date Analyzed:	01/07/08	01/07/08	01/08/08	01/08/08	
AA ID No:	8A04003-05	8A04003-06	8A04003-07	8A04003-08	
Client ID No:	MW-7 8.5-9	MW-7 12.5-13	MW-6 5-5.5	MW-6 8-8.5	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
Styrene	<5.0	<5.0	<5.0	<5.0	5.0
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Tetrachloroethylene (PCE)	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<2.0	<2.0	<2.0	<2.0	2.0
1,2,4-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,2,3-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Trichloroethylene (TCE)	<5.0	**16**	<5.0	<5.0	5.0
Trichlorofluoromethane (R11)	<5.0	<5.0	<5.0	<5.0	5.0
1,2,3-Trichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	<5.0	<5.0	<5.0	5.0
1,3,5-Trimethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,2,4-Trimethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Vinyl chloride	<5.0	<5.0	<5.0	<5.0	5.0
o-Xylene	<2.0	<2.0	<2.0	<2.0	2.0
m,p-Xylenes	<2.0	<2.0	<2.0	<2.0	2.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	84.3%	82.3%	86.9%	88.0%	70-140
Dibromofluoromethane	87.1%	91.2%	100%	100%	70-140
Toluene-d8	103%	97.6%	95.3%	94.1%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/27/07	12/27/07	
Date Prepared:	01/08/08	01/08/08	
Date Analyzed:	01/08/08	01/08/08	
AA ID No:	8A04003-09	8A04003-10	
Client ID No:	MW-6 12-12.5	MW-6 15.5-16	
Matrix:	Soil	Soil	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl Methyl Ether (TAME)	<5.0	<5.0	5.0
Benzene	<2.0	<2.0	2.0
Bromobenzene	<5.0	<5.0	5.0
Bromochloromethane	<5.0	<5.0	5.0
Bromodichloromethane	<5.0	<5.0	5.0
Bromoform	<5.0	<5.0	5.0
Bromomethane	<5.0	<5.0	5.0
2-Butanone (MEK)	<50	<50	50
tert-Butyl alcohol (TBA)	<20	<20	20
tert-Butylbenzene	<5.0	<5.0	5.0
sec-Butylbenzene	<5.0	<5.0	5.0
n-Butylbenzene	<5.0	<5.0	5.0
Carbon Disulfide	<5.0	<5.0	5.0
Carbon Tetrachloride	<5.0	<5.0	5.0
Chlorobenzene	<5.0	<5.0	5.0
Chloroethane	<5.0	<5.0	5.0
Chloroform	<5.0	<5.0	5.0
Chloromethane	<5.0	<5.0	5.0
2-Chlorotoluene	<5.0	<5.0	5.0
4-Chlorotoluene	<5.0	<5.0	5.0
1,2-Dibromo-3-chloropropane	<10	<10	10
Dibromochloromethane	<5.0	<5.0	5.0
1,2-Dibromoethane (EDB)	<5.0	<5.0	5.0
Dibromomethane	<5.0	<5.0	5.0
1,2-Dichlorobenzene	<5.0	<5.0	5.0
1,3-Dichlorobenzene	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/27/07	12/27/07	
Date Prepared:	01/08/08	01/08/08	
Date Analyzed:	01/08/08	01/08/08	
AA ID No:	8A04003-09	8A04003-10	
Client ID No:	MW-6 12-12.5	MW-6 15.5-16	
Matrix:	Soil	Soil	
Dilution Factor:	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)			
1,4-Dichlorobenzene	<5.0	<5.0	5.0
Dichlorodifluoromethane (R12)	<5.0	<5.0	5.0
1,1-Dichloroethane	<5.0	<5.0	5.0
1,2-Dichloroethane (EDC)	<5.0	<5.0	5.0
trans-1,2-Dichloroethylene	<5.0	<5.0	5.0
cis-1,2-Dichloroethylene	<5.0	<5.0	5.0
1,1-Dichloroethylene	<5.0	<5.0	5.0
1,2-Dichloropropane	<5.0	<5.0	5.0
2,2-Dichloropropane	<5.0	<5.0	5.0
1,3-Dichloropropane	<5.0	<5.0	5.0
1,1-Dichloropropylene	<5.0	<5.0	5.0
trans-1,3-Dichloropropylene	<5.0	<5.0	5.0
cis-1,3-Dichloropropylene	<5.0	<5.0	5.0
Diisopropyl ether (DIPE)	<5.0	<5.0	5.0
Ethylbenzene	<2.0	<2.0	2.0
Ethyl-tert-Butyl Ether (ETBE)	<5.0	<5.0	5.0
Gasoline Range Organics (GRO)	<500	<500	500
Hexachlorobutadiene	<10	<10	10
2-Hexanone (MBK)	<50	<50	50
Isopropylbenzene	<5.0	<5.0	5.0
4-Isopropyltoluene	<5.0	<5.0	5.0
Methyl-tert-Butyl Ether (MTBE)	<5.0	<5.0	5.0
Methylene Chloride	<50	<50	50
4-Methyl-2-pentanone (MIBK)	<50	<50	50
Naphthalene	<10	<10	10
n-Propylbenzene	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/27/07	12/27/07	
Date Prepared:	01/08/08	01/08/08	
Date Analyzed:	01/08/08	01/08/08	
AA ID No:	8A04003-09	8A04003-10	
Client ID No:	MW-6 12-12.5	MW-6 15.5-16	
Matrix:	Soil	Soil	
Dilution Factor:	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)			
Styrene	<5.0	<5.0	5.0
1,1,1,2-Tetrachloroethane	<5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	5.0
Tetrachloroethylene (PCE)	<5.0	<5.0	5.0
Toluene	<2.0	<2.0	2.0
1,2,4-Trichlorobenzene	<5.0	<5.0	5.0
1,2,3-Trichlorobenzene	<5.0	<5.0	5.0
1,1,2-Trichloroethane	<5.0	<5.0	5.0
1,1,1-Trichloroethane	<5.0	<5.0	5.0
Trichloroethylene (TCE)	<5.0	**6.8**	5.0
Trichlorofluoromethane (R11)	<5.0	<5.0	5.0
1,2,3-Trichloropropane	<5.0	<5.0	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	<5.0	5.0
1,3,5-Trimethylbenzene	<5.0	<5.0	5.0
1,2,4-Trimethylbenzene	<5.0	<5.0	5.0
Vinyl chloride	<5.0	<5.0	5.0
o-Xylene	<2.0	<2.0	2.0
m,p-Xylenes	<2.0	<2.0	2.0
Surrogates			**%REC Limits**
4-Bromofluorobenzene	83.7%	86.3%	70-140
Dibromofluoromethane	94.6%	100%	70-140
Toluene-d8	96.4%	95.3%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: Carbon Chain by GC/FID

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: mg/kg

Date Sampled:	12/26/07	12/26/07	12/26/07	12/26/07	
Date Prepared:	01/07/08	01/07/08	01/07/08	01/07/08	
Date Analyzed:	01/07/08	01/07/08	01/07/08	01/07/08	
AA ID No:	8A04003-01	8A04003-02	8A04003-03	8A04003-04	
Client ID No:	MW-5 5.5-6	MW-5 9-9.5	MW-5 13-13.5	MW-7 5.5-6	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
Carbon Chain Characterization 8015M (EPA 8015M)					
C6-C8	<1.0	<1.0	<1.0	<1.0	1.0
C8-C10	<1.0	<1.0	<1.0	<1.0	1.0
C10-C12	<1.0	<1.0	<1.0	<1.0	1.0
C12-C14	<1.0	<1.0	<1.0	<1.0	1.0
C14-C16	<1.0	<1.0	<1.0	<1.0	1.0
C16-C18	<1.0	<1.0	<1.0	<1.0	1.0
C18-C20	<1.0	<1.0	<1.0	<1.0	1.0
C20-C22	<1.0	<1.0	<1.0	<1.0	1.0
C22-C24	<1.0	<1.0	<1.0	<1.0	1.0
C24-C26	<1.0	<1.0	<1.0	<1.0	1.0
C26-C28	<1.0	<1.0	<1.0	<1.0	1.0
C28-C32	<1.0	<1.0	<1.0	<1.0	1.0
C32-C34	<1.0	<1.0	<1.0	<1.0	1.0
C34-C36	<1.0	<1.0	<1.0	<1.0	1.0
C36-C40	<1.0	<1.0	<1.0	<1.0	1.0
C40-C44	<1.0	<1.0	<1.0	<1.0	1.0
TPH (C6-C44)	<10	<10	<10	<10	10
Surrogates					**%REC Limits**
o-Terphenyl	60.8%	83.0%	80.7%	75.0%	50-150

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: Carbon Chain by GC/FID

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: mg/kg

Date Sampled:	12/26/07	12/26/07	12/27/07	12/27/07	
Date Prepared:	01/07/08	01/07/08	01/07/08	01/07/08	
Date Analyzed:	01/07/08	01/07/08	01/07/08	01/07/08	
AA ID No:	8A04003-05	8A04003-06	8A04003-07	8A04003-08	
Client ID No:	MW-7 8.5-9	MW-7 12.5-13	MW-6 5-5.5	MW-6 8-8.5	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
Carbon Chain Characterization 8015M (EPA 8015M)					
C6-C8	<1.0	<1.0	<1.0	<1.0	1.0
C8-C10	<1.0	<1.0	<1.0	<1.0	1.0
C10-C12	<1.0	<1.0	<1.0	<1.0	1.0
C12-C14	<1.0	<1.0	<1.0	<1.0	1.0
C14-C16	<1.0	<1.0	<1.0	<1.0	1.0
C16-C18	<1.0	<1.0	<1.0	<1.0	1.0
C18-C20	<1.0	<1.0	<1.0	<1.0	1.0
C20-C22	<1.0	<1.0	<1.0	<1.0	1.0
C22-C24	<1.0	<1.0	<1.0	<1.0	1.0
C24-C26	<1.0	<1.0	<1.0	<1.0	1.0
C26-C28	<1.0	<1.0	<1.0	<1.0	1.0
C28-C32	<1.0	<1.0	<1.0	<1.0	1.0
C32-C34	<1.0	<1.0	<1.0	<1.0	1.0
C34-C36	<1.0	<1.0	<1.0	<1.0	1.0
C36-C40	<1.0	<1.0	<1.0	<1.0	1.0
C40-C44	<1.0	<1.0	<1.0	<1.0	1.0
TPH (C6-C44)	<10	<10	<10	<10	10
Surrogates					**%REC Limits**
o-Terphenyl	82.1%	77.9%	79.3%	77.5%	50-150

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: Carbon Chain by GC/FID

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08
Units: mg/kg

Date Sampled:	12/27/07	12/27/07	
Date Prepared:	01/07/08	01/07/08	
Date Analyzed:	01/07/08	01/07/08	
AA ID No:	8A04003-09	8A04003-10	
Client ID No:	MW-6 12-12.5	MW-6 15.5-16	
Matrix:	Soil	Soil	
Dilution Factor:	1	1	MRL
Carbon Chain Characterization 8015M (EPA 8015M)			
C6-C8	<1.0	<1.0	1.0
C8-C10	<1.0	<1.0	1.0
C10-C12	<1.0	<1.0	1.0
C12-C14	<1.0	<1.0	1.0
C14-C16	<1.0	<1.0	1.0
C16-C18	<1.0	<1.0	1.0
C18-C20	<1.0	<1.0	1.0
C20-C22	<1.0	<1.0	1.0
C22-C24	<1.0	<1.0	1.0
C24-C26	<1.0	<1.0	1.0
C26-C28	<1.0	<1.0	1.0
C28-C32	<1.0	<1.0	1.0
C32-C34	<1.0	<1.0	1.0
C34-C36	<1.0	<1.0	1.0
C36-C40	<1.0	<1.0	1.0
C40-C44	<1.0	<1.0	1.0
TPH (C6-C44)	<10	<10	10
Surrogates			**%REC Limits**
o-Terphenyl	78.7%	78.3%	50-150

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0715 - EPA 5030B										
Blank (B8A0715-BLK1)				Prepared & Analyzed: 01/07/08						
Acetone	<50	50	ug/kg							
tert-Amyl Methyl Ether (TAME)	<5.0	5.0	ug/kg							
Benzene	<2.0	2.0	ug/kg							
Bromobenzene	<5.0	5.0	ug/kg							
Bromochloromethane	<5.0	5.0	ug/kg							
Bromodichloromethane	<5.0	5.0	ug/kg							
Bromoform	<5.0	5.0	ug/kg							
Bromomethane	<5.0	5.0	ug/kg							
2-Butanone (MEK)	<50	50	ug/kg							
tert-Butyl alcohol (TBA)	<20	20	ug/kg							
tert-Butylbenzene	<5.0	5.0	ug/kg							
sec-Butylbenzene	<5.0	5.0	ug/kg							
n-Butylbenzene	<5.0	5.0	ug/kg							
Carbon Disulfide	<5.0	5.0	ug/kg							
Carbon Tetrachloride	<5.0	5.0	ug/kg							
Chlorobenzene	<5.0	5.0	ug/kg							
Chloroethane	<5.0	5.0	ug/kg							
Chloroform	<5.0	5.0	ug/kg							
Chloromethane	<5.0	5.0	ug/kg							
2-Chlorotoluene	<5.0	5.0	ug/kg							
4-Chlorotoluene	<5.0	5.0	ug/kg							
1,2-Dibromo-3-chloropropane	<10	10	ug/kg							
Dibromochloromethane	<5.0	5.0	ug/kg							
1,2-Dibromoethane (EDB)	<5.0	5.0	ug/kg							
Dibromomethane	<5.0	5.0	ug/kg							
1,2-Dichlorobenzene	<5.0	5.0	ug/kg							
1,3-Dichlorobenzene	<5.0	5.0	ug/kg							
1,4-Dichlorobenzene	<5.0	5.0	ug/kg							
Dichlorodifluoromethane (R12)	<5.0	5.0	ug/kg							
1,1-Dichloroethane	<5.0	5.0	ug/kg							
1,2-Dichloroethane (EDC)	<5.0	5.0	ug/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0715 - EPA 5030B										
Blank (B8A0715-BLK1) Continued				Prepared & Analyzed: 01/07/08						
trans-1,2-Dichloroethylene	<5.0	5.0	ug/kg							
cis-1,2-Dichloroethylene	<5.0	5.0	ug/kg							
1,1-Dichloroethylene	<5.0	5.0	ug/kg							
1,2-Dichloropropane	<5.0	5.0	ug/kg							
2,2-Dichloropropane	<5.0	5.0	ug/kg							
1,3-Dichloropropane	<5.0	5.0	ug/kg							
1,1-Dichloropropylene	<5.0	5.0	ug/kg							
trans-1,3-Dichloropropylene	<5.0	5.0	ug/kg							
cis-1,3-Dichloropropylene	<5.0	5.0	ug/kg							
Diisopropyl ether (DIPE)	<5.0	5.0	ug/kg							
Ethylbenzene	<2.0	2.0	ug/kg							
Ethyl-tert-Butyl Ether (ETBE)	<5.0	5.0	ug/kg							
Gasoline Range Organics (GRO)	<500	500	ug/kg							
Hexachlorobutadiene	<10	10	ug/kg							
2-Hexanone (MBK)	<50	50	ug/kg							
Isopropylbenzene	<5.0	5.0	ug/kg							
4-Isopropyltoluene	<5.0	5.0	ug/kg							
Methyl-tert-Butyl Ether (MTBE)	<5.0	5.0	ug/kg							
Methylene Chloride	<50	50	ug/kg							
4-Methyl-2-pentanone (MIBK)	<50	50	ug/kg							
Naphthalene	<10	10	ug/kg							
n-Propylbenzene	<5.0	5.0	ug/kg							
Styrene	<5.0	5.0	ug/kg							
1,1,1,2-Tetrachloroethane	<5.0	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	<5.0	5.0	ug/kg							
Tetrachloroethylene (PCE)	<5.0	5.0	ug/kg							
Toluene	<2.0	2.0	ug/kg							
1,2,4-Trichlorobenzene	<5.0	5.0	ug/kg							
1,2,3-Trichlorobenzene	<5.0	5.0	ug/kg							
1,1,2-Trichloroethane	<5.0	5.0	ug/kg							
1,1,1-Trichloroethane	<5.0	5.0	ug/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0715 - EPA 5030B										
Blank (B8A0715-BLK1) Continued				Prepared & Analyzed: 01/07/08						
Trichloroethylene (TCE)	<5.0	5.0	ug/kg							
Trichlorofluoromethane (R11)	<5.0	5.0	ug/kg							
1,2,3-Trichloropropane	<5.0	5.0	ug/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	5.0	ug/kg							
1,3,5-Trimethylbenzene	<5.0	5.0	ug/kg							
1,2,4-Trimethylbenzene	<5.0	5.0	ug/kg							
Vinyl chloride	<5.0	5.0	ug/kg							
o-Xylene	<2.0	2.0	ug/kg							
m,p-Xylenes	<2.0	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	*81.7*		*ug/kg*	*100*		*81.7*	*70-140*			
Surrogate: Dibromofluoromethane	*88.1*		*ug/kg*	*100*		*88.1*	*70-140*			
Surrogate: Toluene-d8	*103*		*ug/kg*	*100*		*103*	*70-140*			
LCS (B8A0715-BS1)				Prepared & Analyzed: 01/07/08						
Benzene	**41.0**	2.0	ug/kg	40.0		102	75-125			
Bromodichloromethane	**34.2**	5.0	ug/kg	40.0		85.5	75-125			
Bromoform	**32.9**	5.0	ug/kg	40.0		82.2	75-125			
Carbon Tetrachloride	**33.4**	5.0	ug/kg	40.0		83.5	75-125			
Chlorobenzene	**38.5**	5.0	ug/kg	40.0		96.2	75-125			
Chloroethane	**39.1**	5.0	ug/kg	40.0		97.8	75-125			
Chloroform	**35.0**	5.0	ug/kg	40.0		87.5	75-125			
Chloromethane	**35.1**	5.0	ug/kg	40.0		87.8	65-125			
Dibromochloromethane	**35.5**	5.0	ug/kg	40.0		88.8	75-125			
1,4-Dichlorobenzene	**41.5**	5.0	ug/kg	40.0		104	75-125			
1,1-Dichloroethane	**35.9**	5.0	ug/kg	40.0		89.8	70-125			
1,2-Dichloroethane (EDC)	**32.4**	5.0	ug/kg	40.0		81.0	75-125			
trans-1,2-Dichloroethylene	**40.7**	5.0	ug/kg	40.0		102	75-125			
cis-1,2-Dichloroethylene	**39.1**	5.0	ug/kg	40.0		97.8	75-125			
1,1-Dichloroethylene	**38.9**	5.0	ug/kg	40.0		97.2	70-130			
1,2-Dichloropropane	**36.1**	5.0	ug/kg	40.0		90.2	75-130			
cis-1,3-Dichloropropylene	**38.1**	5.0	ug/kg	40.0		95.2	75-125			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0715 - EPA 5030B										
LCS (B8A0715-BS1) Continued				Prepared & Analyzed: 01/07/08						
Ethylbenzene	**39.9**	2.0	ug/kg	40.0		99.8	75-125			
Methyl-tert-Butyl Ether (MTBE)	**32.3**	5.0	ug/kg	40.0		80.8	75-125			
Methylene Chloride	**36.7**	50	ug/kg	40.0		91.8	75-130			
1,1,2,2-Tetrachloroethane	**37.9**	5.0	ug/kg	40.0		94.8	70-135			
Tetrachloroethylene (PCE)	**43.7**	5.0	ug/kg	40.0		109	75-125			
Toluene	**41.1**	2.0	ug/kg	40.0		103	75-125			
1,1,2-Trichloroethane	**38.3**	5.0	ug/kg	40.0		95.8	75-125			
1,1,1-Trichloroethane	**33.1**	5.0	ug/kg	40.0		82.8	75-125			
Trichloroethylene (TCE)	**37.3**	5.0	ug/kg	40.0		93.2	75-125			
Vinyl chloride	**36.5**	5.0	ug/kg	40.0		91.2	75-125			
o-Xylene	**38.4**	2.0	ug/kg	40.0		96.0	75-125			
Surrogate: 4-Bromofluorobenzene	*84.1*		*ug/kg*	*100*		*84.1*	*70-140*			
Surrogate: Dibromofluoromethane	*88.1*		*ug/kg*	*100*		*88.1*	*70-140*			
Surrogate: Toluene-d8	*94.7*		*ug/kg*	*100*		*94.7*	*70-140*			
Matrix Spike (B8A0715-MS1)			**Source: 8A04003-02**	Prepared & Analyzed: 01/07/08						
Benzene	**44.0**	2.0	ug/kg	40.0	<2.0	110	70-130			
Bromoform	**37.0**	5.0	ug/kg	40.0	<5.0	92.5	70-130			
Chlorobenzene	**41.4**	5.0	ug/kg	40.0	<5.0	104	70-130			
Chloroform	**39.8**	5.0	ug/kg	40.0	<5.0	99.5	70-130			
1,1-Dichloroethane	**38.9**	5.0	ug/kg	40.0	<5.0	97.2	70-130			
cis-1,2-Dichloroethylene	**43.7**	5.0	ug/kg	40.0	<5.0	104	70-130			
1,1-Dichloroethylene	**41.7**	5.0	ug/kg	40.0	<5.0	104	70-130			
1,2-Dichloropropane	**39.1**	5.0	ug/kg	40.0	<5.0	97.8	70-130			
Ethylbenzene	**43.0**	2.0	ug/kg	40.0	<2.0	108	70-130			
Methyl-tert-Butyl Ether (MTBE)	**35.6**	5.0	ug/kg	40.0	<5.0	89.0	70-130			
n-Propylbenzene	**42.7**	5.0	ug/kg	40.0	<5.0	107	70-130			
Tetrachloroethylene (PCE)	**47.3**	5.0	ug/kg	40.0	<5.0	118	70-130			
Toluene	**42.8**	2.0	ug/kg	40.0	<2.0	107	70-130			
1,1,1-Trichloroethane	**36.8**	5.0	ug/kg	40.0	<5.0	92.0	70-130			
Trichloroethylene (TCE)	**93.0**	5.0	ug/kg	40.0	35	145	70-130			
1,3,5-Trimethylbenzene	**39.6**	5.0	ug/kg	40.0	<5.0	99.0	70-130			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0715 - EPA 5030B										
Matrix Spike (B8A0715-MS1) Continued Source: 8A04003-02 Prepared & Analyzed: 01/07/08										
Vinyl chloride	**41.1**	5.0	ug/kg	40.0	<5.0	103	70-130			
Surrogate: 4-Bromofluorobenzene	*84.7*		*ug/kg*	*100*		*84.7*	*70-140*			
Surrogate: Dibromofluoromethane	*90.9*		*ug/kg*	*100*		*90.9*	*70-140*			
Surrogate: Toluene-d8	*97.2*		*ug/kg*	*100*		*97.2*	*70-140*			
Matrix Spike Dup (B8A0715-MSD1) **Source: 8A04003-02** Prepared & Analyzed: 01/07/08										
Benzene	**46.5**	2.0	ug/kg	40.0	<2.0	116	70-130	5.52	40	
Bromoform	**36.1**	5.0	ug/kg	40.0	<5.0	90.2	70-130	2.46	40	
Chlorobenzene	**42.6**	5.0	ug/kg	40.0	<5.0	106	70-130	2.86	40	
Chloroform	**40.6**	5.0	ug/kg	40.0	<5.0	102	70-130	1.99	40	
1,1-Dichloroethane	**40.6**	5.0	ug/kg	40.0	<5.0	102	70-130	4.28	40	
cis-1,2-Dichloroethylene	**44.8**	5.0	ug/kg	40.0	<5.0	107	70-130	2.49	40	
1,1-Dichloroethylene	**44.0**	5.0	ug/kg	40.0	<5.0	110	70-130	5.37	40	
1,2-Dichloropropane	**42.9**	5.0	ug/kg	40.0	<5.0	107	70-130	9.27	40	
Ethylbenzene	**43.7**	2.0	ug/kg	40.0	<2.0	109	70-130	1.61	40	
Methyl-tert-Butyl Ether (MTBE)	**35.9**	5.0	ug/kg	40.0	<5.0	89.8	70-130	0.839	40	
n-Propylbenzene	**45.8**	5.0	ug/kg	40.0	<5.0	114	70-130	7.01	40	
Tetrachloroethylene (PCE)	**48.0**	5.0	ug/kg	40.0	<5.0	120	70-130	1.47	40	
Toluene	**43.6**	2.0	ug/kg	40.0	<2.0	109	70-130	1.85	40	
1,1,1-Trichloroethane	**38.1**	5.0	ug/kg	40.0	<5.0	95.2	70-130	3.47	40	
Trichloroethylene (TCE)	**92.7**	5.0	ug/kg	40.0	35	144	70-130	0.323	40	
1,3,5-Trimethylbenzene	**42.7**	5.0	ug/kg	40.0	<5.0	107	70-130	7.53	40	
Vinyl chloride	**43.7**	5.0	ug/kg	40.0	<5.0	109	70-130	6.13	40	
Surrogate: 4-Bromofluorobenzene	*84.8*		*ug/kg*	*100*		*84.8*	*70-140*			
Surrogate: Dibromofluoromethane	*91.1*		*ug/kg*	*100*		*91.1*	*70-140*			
Surrogate: Toluene-d8	*96.6*		*ug/kg*	*100*		*96.6*	*70-140*			
Batch B8A0805 - EPA 5030B										
Blank (B8A0805-BLK1) Prepared & Analyzed: 01/08/08										
Acetone	<50	50	ug/kg							
tert-Amyl Methyl Ether (TAME)	<5.0	5.0	ug/kg							
Benzene	<2.0	2.0	ug/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
Blank (B8A0805-BLK1) Continued				Prepared & Analyzed: 01/08/08						
Bromobenzene	<5.0	5.0	ug/kg							
Bromochloromethane	<5.0	5.0	ug/kg							
Bromodichloromethane	<5.0	5.0	ug/kg							
Bromoform	<5.0	5.0	ug/kg							
Bromomethane	<5.0	5.0	ug/kg							
2-Butanone (MEK)	<50	50	ug/kg							
tert-Butyl alcohol (TBA)	<20	20	ug/kg							
tert-Butylbenzene	<5.0	5.0	ug/kg							
sec-Butylbenzene	<5.0	5.0	ug/kg							
n-Butylbenzene	<5.0	5.0	ug/kg							
Carbon Disulfide	<5.0	5.0	ug/kg							
Carbon Tetrachloride	<5.0	5.0	ug/kg							
Chlorobenzene	<5.0	5.0	ug/kg							
Chloroethane	<5.0	5.0	ug/kg							
Chloroform	<5.0	5.0	ug/kg							
Chloromethane	<5.0	5.0	ug/kg							
2-Chlorotoluene	<5.0	5.0	ug/kg							
4-Chlorotoluene	<5.0	5.0	ug/kg							
1,2-Dibromo-3-chloropropane	<10	10	ug/kg							
Dibromochloromethane	<5.0	5.0	ug/kg							
1,2-Dibromoethane (EDB)	<5.0	5.0	ug/kg							
Dibromomethane	<5.0	5.0	ug/kg							
1,2-Dichlorobenzene	<5.0	5.0	ug/kg							
1,3-Dichlorobenzene	<5.0	5.0	ug/kg							
1,4-Dichlorobenzene	<5.0	5.0	ug/kg							
Dichlorodifluoromethane (R12)	<5.0	5.0	ug/kg							
1,1-Dichloroethane	<5.0	5.0	ug/kg							
1,2-Dichloroethane (EDC)	<5.0	5.0	ug/kg							
trans-1,2-Dichloroethylene	<5.0	5.0	ug/kg							
cis-1,2-Dichloroethylene	<5.0	5.0	ug/kg							
1,1-Dichloroethylene	<5.0	5.0	ug/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
Blank (B8A0805-BLK1) Continued				Prepared & Analyzed: 01/08/08						
1,2-Dichloropropane	<5.0	5.0	ug/kg							
2,2-Dichloropropane	<5.0	5.0	ug/kg							
1,3-Dichloropropane	<5.0	5.0	ug/kg							
1,1-Dichloropropylene	<5.0	5.0	ug/kg							
trans-1,3-Dichloropropylene	<5.0	5.0	ug/kg							
cis-1,3-Dichloropropylene	<5.0	5.0	ug/kg							
Diisopropyl ether (DIPE)	<5.0	5.0	ug/kg							
Ethylbenzene	<2.0	2.0	ug/kg							
Ethyl-tert-Butyl Ether (ETBE)	<5.0	5.0	ug/kg							
Gasoline Range Organics (GRO)	<500	500	ug/kg							
Hexachlorobutadiene	<10	10	ug/kg							
2-Hexanone (MBK)	<50	50	ug/kg							
Isopropylbenzene	<5.0	5.0	ug/kg							
4-Isopropyltoluene	<5.0	5.0	ug/kg							
Methyl-tert-Butyl Ether (MTBE)	<5.0	5.0	ug/kg							
Methylene Chloride	<50	50	ug/kg							
4-Methyl-2-pentanone (MIBK)	<50	50	ug/kg							
Naphthalene	<10	10	ug/kg							
n-Propylbenzene	<5.0	5.0	ug/kg							
Styrene	<5.0	5.0	ug/kg							
1,1,1,2-Tetrachloroethane	<5.0	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	<5.0	5.0	ug/kg							
Tetrachloroethylene (PCE)	<5.0	5.0	ug/kg							
Toluene	<2.0	2.0	ug/kg							
1,2,4-Trichlorobenzene	<5.0	5.0	ug/kg							
1,2,3-Trichlorobenzene	<5.0	5.0	ug/kg							
1,1,2-Trichloroethane	<5.0	5.0	ug/kg							
1,1,1-Trichloroethane	<5.0	5.0	ug/kg							
Trichloroethylene (TCE)	<5.0	5.0	ug/kg							
Trichlorofluoromethane (R11)	<5.0	5.0	ug/kg							
1,2,3-Trichloropropane	<5.0	5.0	ug/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
Blank (B8A0805-BLK1) Continued				Prepared & Analyzed: 01/08/08						
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	5.0	ug/kg							
1,3,5-Trimethylbenzene	<5.0	5.0	ug/kg							
1,2,4-Trimethylbenzene	<5.0	5.0	ug/kg							
Vinyl chloride	<5.0	5.0	ug/kg							
o-Xylene	<2.0	2.0	ug/kg							
m,p-Xylenes	<2.0	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	*87.2*		*ug/kg*	*100*		*87.2*	*70-140*			
Surrogate: Dibromofluoromethane	*93.8*		*ug/kg*	*100*		*93.8*	*70-140*			
Surrogate: Toluene-d8	*98.5*		*ug/kg*	*100*		*98.5*	*70-140*			
LCS (B8A0805-BS1)				Prepared & Analyzed: 01/08/08						
Benzene	**42.5**	2.0	ug/kg	40.0		106	75-125			
Bromodichloromethane	**34.1**	5.0	ug/kg	40.0		85.2	75-125			
Bromoform	**30.5**	5.0	ug/kg	40.0		76.2	75-125			
Carbon Tetrachloride	**38.6**	5.0	ug/kg	40.0		96.5	75-125			
Chlorobenzene	**40.2**	5.0	ug/kg	40.0		100	75-125			
Chloroethane	**44.6**	5.0	ug/kg	40.0		112	75-125			
Chloroform	**37.4**	5.0	ug/kg	40.0		93.5	75-125			
Chloromethane	**41.3**	5.0	ug/kg	40.0		103	65-125			
Dibromochloromethane	**35.1**	5.0	ug/kg	40.0		87.8	75-125			
1,4-Dichlorobenzene	**42.1**	5.0	ug/kg	40.0		105	75-125			
1,1-Dichloroethane	**41.4**	5.0	ug/kg	40.0		104	70-125			
1,2-Dichloroethane (EDC)	**31.9**	5.0	ug/kg	40.0		79.8	75-125			
trans-1,2-Dichloroethylene	**44.7**	5.0	ug/kg	40.0		112	75-125			
cis-1,2-Dichloroethylene	**41.7**	5.0	ug/kg	40.0		104	75-125			
1,1-Dichloroethylene	**43.8**	5.0	ug/kg	40.0		110	70-130			
1,2-Dichloropropane	**38.7**	5.0	ug/kg	40.0		96.8	75-130			
cis-1,3-Dichloropropylene	**39.6**	5.0	ug/kg	40.0		99.0	75-125			
Ethylbenzene	**39.6**	2.0	ug/kg	40.0		99.0	75-125			
Methyl-tert-Butyl Ether (MTBE)	**33.4**	5.0	ug/kg	40.0		83.5	75-125			
Methylene Chloride	**39.9**	50	ug/kg	40.0		99.8	75-130			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
LCS (B8A0805-BS1) Continued				Prepared & Analyzed: 01/08/08						
1,1,2,2-Tetrachloroethane	**33.8**	5.0	ug/kg	40.0		84.5	70-135			
Tetrachloroethylene (PCE)	**43.1**	5.0	ug/kg	40.0		108	75-125			
Toluene	**40.4**	2.0	ug/kg	40.0		101	75-125			
1,1,2-Trichloroethane	**34.6**	5.0	ug/kg	40.0		86.5	75-125			
1,1,1-Trichloroethane	**37.3**	5.0	ug/kg	40.0		93.2	75-125			
Trichloroethylene (TCE)	**39.0**	5.0	ug/kg	40.0		97.5	75-125			
Vinyl chloride	**43.3**	5.0	ug/kg	40.0		108	75-125			
o-Xylene	**39.6**	2.0	ug/kg	40.0		99.0	75-125			
Surrogate: 4-Bromofluorobenzene	*85.8*		*ug/kg*	*100*		*85.8*	*70-140*			
Surrogate: Dibromofluoromethane	*92.6*		*ug/kg*	*100*		*92.6*	*70-140*			
Surrogate: Toluene-d8	*93.8*		*ug/kg*	*100*		*93.8*	*70-140*			
Matrix Spike (B8A0805-MS1)			**Source: 8A04004-01**	Prepared & Analyzed: 01/08/08						
Benzene	**43.7**	2.0	ug/kg	40.0	<2.0	109	70-130			
Bromoform	**33.3**	5.0	ug/kg	40.0	<5.0	83.2	70-130			
Chlorobenzene	**40.5**	5.0	ug/kg	40.0	<5.0	101	70-130			
Chloroform	**39.3**	5.0	ug/kg	40.0	<5.0	98.2	70-130			
1,1-Dichloroethane	**40.3**	5.0	ug/kg	40.0	<5.0	101	70-130			
cis-1,2-Dichloroethylene	**42.3**	5.0	ug/kg	40.0	<5.0	106	70-130			
1,1-Dichloroethylene	**42.5**	5.0	ug/kg	40.0	<5.0	106	70-130			
1,2-Dichloropropane	**39.2**	5.0	ug/kg	40.0	<5.0	98.0	70-130			
Ethylbenzene	**38.9**	2.0	ug/kg	40.0	<2.0	97.2	70-130			
Methyl-tert-Butyl Ether (MTBE)	**36.2**	5.0	ug/kg	40.0	<5.0	90.5	70-130			
n-Propylbenzene	**41.4**	5.0	ug/kg	40.0	<5.0	104	70-130			
Tetrachloroethylene (PCE)	**40.7**	5.0	ug/kg	40.0	<5.0	102	70-130			
Toluene	**40.0**	2.0	ug/kg	40.0	<2.0	100	70-130			
1,1,1-Trichloroethane	**37.9**	5.0	ug/kg	40.0	<5.0	94.8	70-130			
Trichloroethylene (TCE)	**42.3**	5.0	ug/kg	40.0	<5.0	106	70-130			
1,3,5-Trimethylbenzene	**39.6**	5.0	ug/kg	40.0	<5.0	99.0	70-130			
Vinyl chloride	**43.6**	5.0	ug/kg	40.0	<5.0	109	70-130			
Surrogate: 4-Bromofluorobenzene	*91.1*		*ug/kg*	*100*		*91.1*	*70-140*			
Surrogate: Dibromofluoromethane	*96.2*		*ug/kg*	*100*		*96.2*	*70-140*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
Matrix Spike (B8A0805-MS1) Continued Source: 8A04004-01 Prepared & Analyzed: 01/08/08										
Surrogate: Toluene-d8	*93.1*		*ug/kg*	*100*		*93.1*	*70-140*			
Matrix Spike Dup (B8A0805-MSD1) **Source: 8A04004-01** Prepared & Analyzed: 01/08/08										
Benzene	**44.4**	2.0	ug/kg	40.0	<2.0	111	70-130	1.59	40	
Bromoform	**40.0**	5.0	ug/kg	40.0	<5.0	100	70-130	18.3	40	
Chlorobenzene	**41.5**	5.0	ug/kg	40.0	<5.0	104	70-130	2.44	40	
Chloroform	**39.9**	5.0	ug/kg	40.0	<5.0	99.8	70-130	1.52	40	
1,1-Dichloroethane	**41.5**	5.0	ug/kg	40.0	<5.0	104	70-130	2.93	40	
cis-1,2-Dichloroethylene	**43.2**	5.0	ug/kg	40.0	<5.0	108	70-130	2.11	40	
1,1-Dichloroethylene	**43.0**	5.0	ug/kg	40.0	<5.0	108	70-130	1.17	40	
1,2-Dichloropropane	**42.0**	5.0	ug/kg	40.0	<5.0	105	70-130	6.90	40	
Ethylbenzene	**38.4**	2.0	ug/kg	40.0	<2.0	96.0	70-130	1.29	40	
Methyl-tert-Butyl Ether (MTBE)	**41.5**	5.0	ug/kg	40.0	<5.0	104	70-130	13.6	40	
n-Propylbenzene	**39.8**	5.0	ug/kg	40.0	<5.0	99.5	70-130	3.94	40	
Tetrachloroethylene (PCE)	**41.2**	5.0	ug/kg	40.0	<5.0	103	70-130	1.22	40	
Toluene	**39.5**	2.0	ug/kg	40.0	<2.0	98.8	70-130	1.26	40	
1,1,1-Trichloroethane	**37.9**	5.0	ug/kg	40.0	<5.0	94.8	70-130	0.00	40	
Trichloroethylene (TCE)	**44.3**	5.0	ug/kg	40.0	<5.0	111	70-130	4.62	40	
1,3,5-Trimethylbenzene	**39.8**	5.0	ug/kg	40.0	<5.0	99.5	70-130	0.504	40	
Vinyl chloride	**44.9**	5.0	ug/kg	40.0	<5.0	112	70-130	2.94	40	
Surrogate: 4-Bromofluorobenzene	*88.1*		*ug/kg*	*100*		*88.1*	*70-140*			
Surrogate: Dibromofluoromethane	*97.6*		*ug/kg*	*100*		*97.6*	*70-140*			
Surrogate: Toluene-d8	*90.1*		*ug/kg*	*100*		*90.1*	*70-140*			
Carbon Chain by GC/FID - Quality Control										
Batch B8A0711 - EPA 3550B										
Blank (B8A0711-BLK1) Prepared & Analyzed: 01/07/08										
C6-C8	<1.0	1.0	mg/kg							
C8-C10	<1.0	1.0	mg/kg							
C10-C12	<1.0	1.0	mg/kg							
C12-C14	<1.0	1.0	mg/kg							
C14-C16	<1.0	1.0	mg/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67805
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Carbon Chain by GC/FID - Quality Control										
Batch B8A0711 - EPA 3550B										
Blank (B8A0711-BLK1) Continued				Prepared & Analyzed: 01/07/08						
C16-C18	<1.0	1.0	mg/kg							
C18-C20	<1.0	1.0	mg/kg							
C20-C22	<1.0	1.0	mg/kg							
C22-C24	<1.0	1.0	mg/kg							
C24-C26	<1.0	1.0	mg/kg							
C26-C28	<1.0	1.0	mg/kg							
C28-C32	<1.0	1.0	mg/kg							
C32-C34	<1.0	1.0	mg/kg							
C34-C36	<1.0	1.0	mg/kg							
C36-C40	<1.0	1.0	mg/kg							
C40-C44	<1.0	1.0	mg/kg							
TPH (C6-C44)	<10	10	mg/kg							
Surrogate: o-Terphenyl	*8.01*		*mg/kg*	*10.0*		*80.1*	*50-150*			
LCS (B8A0711-BS1)				Prepared & Analyzed: 01/07/08						
Diesel Range Organics as Diesel	**217**	10	mg/kg	200		108	75-125			
Surrogate: o-Terphenyl	*9.83*		*mg/kg*	*10.0*		*98.3*	*50-150*			
Matrix Spike (B8A0711-MS1)		**Source: 8A04003-04**		Prepared & Analyzed: 01/07/08						
Diesel Range Organics as Diesel	**200**	10	mg/kg	200	<10	100	70-130			
Surrogate: o-Terphenyl	*9.77*		*mg/kg*	*10.0*		*97.7*	*50-150*			
Matrix Spike Dup (B8A0711-MSD1)		**Source: 8A04003-04**		Prepared & Analyzed: 01/07/08						
Diesel Range Organics as Diesel	**203**	10	mg/kg	200	<10	102	70-130	1.49	40	
Surrogate: o-Terphenyl	*10.3*		*mg/kg*	*10.0*		*103*	*50-150*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	Acts Community Development	**AA Project No:**	A67805
Project No:	NA	**Date Received:**	01/04/08
Project Name:	Acts Community Development	**Date Reported:**	01/30/08

Special Notes

Viorel Vasile
Operations Manager

Franklin J. Goldman
PO BOX 59, Sonoma, CA 95476
FJGoldmanCHG@yahoo.com
FAX: (949) 606-8711
Cell: (707) 758-6614

CHAIN OF CUSTODY RECORD

Laboratory Analysis P.O. No. #104107

Laboratory Please Call Accounts Payable for P.O. No.

Date: 12/27/07 Sheet 1 Of 1

A67805 / 8A04003

Project Name: Acts Full Gospel Church
Project Number: 1001 77th Avenue
Address: Oakland, CA

Sampler's Name: Frank Goldman
Sampler's Signature: Franklin J Goldman

Sample Number	Location	Date	Time
MW-5	5½-6	12/26/07	9:20 AM
MW-5	9-9½		9:40 AM
MW-5	13-13½		9:55 AM
MW-7	5½-6		11:20 AM
MW-7	8½-9		11:35 AM
MW-7	12½-13	↓	11:55 AM
MW-6	5-5½	12/27/07	8:40 AM
MW-6	8-8½		8:50 AM
MW-6	12-12½		9:00 AM
MW-6	15½-16	↓	9:10 AM

Parameters

TPH as Gasoline 8015	TPH as Diesel 8015	TPH-g/BTEX 8015/8020 & MTBE	BTEX & EPA 8020	Oil and Grease 5520	Volitile Organics (8010)	CAM Metals (17)	Pr. Pollutant Metals (13)	Base/Neu/Acids (Organic)	Pesticides 8140/8141	Method 8260b for 5 oxygenates & 2 lead scavengers & GRO, DRO, and Motor Oil Ranged Organics	Bulk density, moisture, porosity fraction of organic carbon	SOIL SAMPLE	WATER SAMPLE
										X		X	

American Analytics
9765 Eton Ave
Chatsworth, CA 91311
Phone: (818) 998-5547

Phone

Turnaround Time
☐ Rush ☐ 24 Hour ☐ 48 Hour ☒ 5-Day

Repeat to: Frank

Comments
8A04003-01
-02
-03
-04
-05
-06
-07
-08
-09
-10

Relinquished By	Date	Time
Franklin J Goldman FEDEX	1/2/08	3:40 PM
Dispatched By	Date	Time

Received By	Date	Time
Fed X	1/2/08	3:40 PM
L. Cee	1/04/08	11:20 AM
Received in Lab By	Date	Time

Total Number of Containers this Sheet:

Method of Shipment:

Special Shipment/Handling or Storage Requirements: 10 Days

REVIEWED
Date 01/04/08 Time 1145
Sign:

Keep on Ice

AMERICAN ANALYTICS

9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

January 30, 2008

Rene Eschon

Acts Community Development

1034 66th Ave

Oakland, CA 94621

Re : ACTS - Spencer Street

A67806 / 8A04004

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 01/04/08 11:20 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: ACTS - Spencer Street

AA Project No: A67806
Date Received: 01/04/08
Date Reported: 01/30/08

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B+OXY+TPHG					
Spencer Street	8A04004-01	Soil	10	12/27/07 15:30	01/04/08 11:20
Carbon Chain Characterization 8015M					
Spencer Street	8A04004-01	Soil	10	12/27/07 15:30	01/04/08 11:20

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	Acts Community Development	**AA Project No:**	A67806
Project No:	NA	**Date Received:**	01/04/08
Project Name:	ACTS - Spencer Street	**Date Reported:**	01/30/08
Method:	VOCs, OXY & TPH Gasoline by GC/MS	**Units:**	ug/kg

Date Sampled:	12/27/07	
Date Prepared:	01/08/08	
Date Analyzed:	01/08/08	
AA ID No:	8A04004-01	
Client ID No:	Spencer Street	
Matrix:	Soil	
Dilution Factor:	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	50
tert-Amyl Methyl Ether (TAME)	<5.0	5.0
Benzene	<2.0	2.0
Bromobenzene	<5.0	5.0
Bromochloromethane	<5.0	5.0
Bromodichloromethane	<5.0	5.0
Bromoform	<5.0	5.0
Bromomethane	<5.0	5.0
2-Butanone (MEK)	<50	50
tert-Butyl alcohol (TBA)	<20	20
tert-Butylbenzene	<5.0	5.0
sec-Butylbenzene	<5.0	5.0
n-Butylbenzene	<5.0	5.0
Carbon Disulfide	<5.0	5.0
Carbon Tetrachloride	<5.0	5.0
Chlorobenzene	<5.0	5.0
Chloroethane	<5.0	5.0
Chloroform	<5.0	5.0
Chloromethane	<5.0	5.0
2-Chlorotoluene	<5.0	5.0
4-Chlorotoluene	<5.0	5.0
1,2-Dibromo-3-chloropropane	<10	10
Dibromochloromethane	<5.0	5.0
1,2-Dibromoethane (EDB)	<5.0	5.0
Dibromomethane	<5.0	5.0
1,2-Dichlorobenzene	<5.0	5.0
1,3-Dichlorobenzene	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: ACTS - Spencer Street
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67806
Date Received: 01/04/08
Date Reported: 01/30/08
Units: ug/kg

Date Sampled:	12/27/07
Date Prepared:	01/08/08
Date Analyzed:	01/08/08
AA ID No:	8A04004-01
Client ID No:	Spencer Street
Matrix:	Soil
Dilution Factor:	1

8260B+OXY+TPHG (EPA 8260B) (continued)

		MRL
1,4-Dichlorobenzene	<5.0	5.0
Dichlorodifluoromethane (R12)	<5.0	5.0
1,1-Dichloroethane	<5.0	5.0
1,2-Dichloroethane (EDC)	<5.0	5.0
trans-1,2-Dichloroethylene	<5.0	5.0
cis-1,2-Dichloroethylene	<5.0	5.0
1,1-Dichloroethylene	<5.0	5.0
1,2-Dichloropropane	<5.0	5.0
2,2-Dichloropropane	<5.0	5.0
1,3-Dichloropropane	<5.0	5.0
1,1-Dichloropropylene	<5.0	5.0
trans-1,3-Dichloropropylene	<5.0	5.0
cis-1,3-Dichloropropylene	<5.0	5.0
Diisopropyl ether (DIPE)	<5.0	5.0
Ethylbenzene	<2.0	2.0
Ethyl-tert-Butyl Ether (ETBE)	<5.0	5.0
Gasoline Range Organics (GRO)	<500	500
Hexachlorobutadiene	<10	10
2-Hexanone (MBK)	<50	50
Isopropylbenzene	<5.0	5.0
4-Isopropyltoluene	<5.0	5.0
Methyl-tert-Butyl Ether (MTBE)	<5.0	5.0
Methylene Chloride	<50	50
4-Methyl-2-pentanone (MIBK)	<50	50
Naphthalene	<10	10
n-Propylbenzene	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	Acts Community Development	**AA Project No:**	A67806
Project No:	NA	**Date Received:**	01/04/08
Project Name:	ACTS - Spencer Street	**Date Reported:**	01/30/08
Method:	VOCs, OXY & TPH Gasoline by GC/MS	**Units:**	ug/kg

Date Sampled:	12/27/07	
Date Prepared:	01/08/08	
Date Analyzed:	01/08/08	
AA ID No:	8A04004-01	
Client ID No:	Spencer Street	
Matrix:	Soil	
Dilution Factor:	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<5.0	5.0
1,1,1,2-Tetrachloroethane	<5.0	5.0
1,1,2,2-Tetrachloroethane	<5.0	5.0
Tetrachloroethylene (PCE)	<5.0	5.0
Toluene	<2.0	2.0
1,2,4-Trichlorobenzene	<5.0	5.0
1,2,3-Trichlorobenzene	<5.0	5.0
1,1,2-Trichloroethane	<5.0	5.0
1,1,1-Trichloroethane	<5.0	5.0
Trichloroethylene (TCE)	<5.0	5.0
Trichlorofluoromethane (R11)	<5.0	5.0
1,2,3-Trichloropropane	<5.0	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	5.0
1,3,5-Trimethylbenzene	<5.0	5.0
1,2,4-Trimethylbenzene	<5.0	5.0
Vinyl chloride	<5.0	5.0
o-Xylene	<2.0	2.0
m,p-Xylenes	<2.0	2.0

Surrogates		**%REC Limits**
4-Bromofluorobenzene	91.7%	70-140
Dibromofluoromethane	95.8%	70-140
Toluene-d8	99.4%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	Acts Community Development	**AA Project No:**	A67806
Project No:	NA	**Date Received:**	01/04/08
Project Name:	ACTS - Spencer Street	**Date Reported:**	01/30/08
Method:	Carbon Chain by GC/FID	**Units:**	mg/kg

Date Sampled:	12/27/07	
Date Prepared:	01/07/08	
Date Analyzed:	01/07/08	
AA ID No:	8A04004-01	
Client ID No:	Spencer Street	
Matrix:	Soil	
Dilution Factor:	1	MRL

Carbon Chain Characterization 8015M (EPA 8015M)

C6-C8	<1.0	1.0
C8-C10	<1.0	1.0
C10-C12	<1.0	1.0
C12-C14	<1.0	1.0
C14-C16	**3.5**	1.0
C16-C18	**11**	1.0
C18-C20	**28**	1.0
C20-C22	**50**	1.0
C22-C24	**64**	1.0
C24-C26	**68**	1.0
C26-C28	**42**	1.0
C28-C32	**54**	1.0
C32-C34	**1.0**	1.0
C34-C36	<1.0	1.0
C36-C40	<1.0	1.0
C40-C44	<1.0	1.0
TPH (C6-C44)	**320**	10

Surrogates		**%REC Limits**
o-Terphenyl	103%	50-150

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: ACTS - Spencer Street

AA Project No: A67806
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
Blank (B8A0805-BLK1)				Prepared & Analyzed: 01/08/08						
Acetone	<50	50	ug/kg							
tert-Amyl Methyl Ether (TAME)	<5.0	5.0	ug/kg							
Benzene	<2.0	2.0	ug/kg							
Bromobenzene	<5.0	5.0	ug/kg							
Bromochloromethane	<5.0	5.0	ug/kg							
Bromodichloromethane	<5.0	5.0	ug/kg							
Bromoform	<5.0	5.0	ug/kg							
Bromomethane	<5.0	5.0	ug/kg							
2-Butanone (MEK)	<50	50	ug/kg							
tert-Butyl alcohol (TBA)	<20	20	ug/kg							
tert-Butylbenzene	<5.0	5.0	ug/kg							
sec-Butylbenzene	<5.0	5.0	ug/kg							
n-Butylbenzene	<5.0	5.0	ug/kg							
Carbon Disulfide	<5.0	5.0	ug/kg							
Carbon Tetrachloride	<5.0	5.0	ug/kg							
Chlorobenzene	<5.0	5.0	ug/kg							
Chloroethane	<5.0	5.0	ug/kg							
Chloroform	<5.0	5.0	ug/kg							
Chloromethane	<5.0	5.0	ug/kg							
2-Chlorotoluene	<5.0	5.0	ug/kg							
4-Chlorotoluene	<5.0	5.0	ug/kg							
1,2-Dibromo-3-chloropropane	<10	10	ug/kg							
Dibromochloromethane	<5.0	5.0	ug/kg							
1,2-Dibromoethane (EDB)	<5.0	5.0	ug/kg							
Dibromomethane	<5.0	5.0	ug/kg							
1,2-Dichlorobenzene	<5.0	5.0	ug/kg							
1,3-Dichlorobenzene	<5.0	5.0	ug/kg							
1,4-Dichlorobenzene	<5.0	5.0	ug/kg							
Dichlorodifluoromethane (R12)	<5.0	5.0	ug/kg							
1,1-Dichloroethane	<5.0	5.0	ug/kg							
1,2-Dichloroethane (EDC)	<5.0	5.0	ug/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: ACTS - Spencer Street

AA Project No: A67806
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
Blank (B8A0805-BLK1) Continued				Prepared & Analyzed: 01/08/08						
trans-1,2-Dichloroethylene	<5.0	5.0	ug/kg							
cis-1,2-Dichloroethylene	<5.0	5.0	ug/kg							
1,1-Dichloroethylene	<5.0	5.0	ug/kg							
1,2-Dichloropropane	<5.0	5.0	ug/kg							
2,2-Dichloropropane	<5.0	5.0	ug/kg							
1,3-Dichloropropane	<5.0	5.0	ug/kg							
1,1-Dichloropropylene	<5.0	5.0	ug/kg							
trans-1,3-Dichloropropylene	<5.0	5.0	ug/kg							
cis-1,3-Dichloropropylene	<5.0	5.0	ug/kg							
Diisopropyl ether (DIPE)	<5.0	5.0	ug/kg							
Ethylbenzene	<2.0	2.0	ug/kg							
Ethyl-tert-Butyl Ether (ETBE)	<5.0	5.0	ug/kg							
Gasoline Range Organics (GRO)	<500	500	ug/kg							
Hexachlorobutadiene	<10	10	ug/kg							
2-Hexanone (MBK)	<50	50	ug/kg							
Isopropylbenzene	<5.0	5.0	ug/kg							
4-Isopropyltoluene	<5.0	5.0	ug/kg							
Methyl-tert-Butyl Ether (MTBE)	<5.0	5.0	ug/kg							
Methylene Chloride	<50	50	ug/kg							
4-Methyl-2-pentanone (MIBK)	<50	50	ug/kg							
Naphthalene	<10	10	ug/kg							
n-Propylbenzene	<5.0	5.0	ug/kg							
Styrene	<5.0	5.0	ug/kg							
1,1,1,2-Tetrachloroethane	<5.0	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	<5.0	5.0	ug/kg							
Tetrachloroethylene (PCE)	<5.0	5.0	ug/kg							
Toluene	<2.0	2.0	ug/kg							
1,2,4-Trichlorobenzene	<5.0	5.0	ug/kg							
1,2,3-Trichlorobenzene	<5.0	5.0	ug/kg							
1,1,2-Trichloroethane	<5.0	5.0	ug/kg							
1,1,1-Trichloroethane	<5.0	5.0	ug/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: ACTS - Spencer Street

AA Project No: A67806
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
Blank (B8A0805-BLK1) Continued				Prepared & Analyzed: 01/08/08						
Trichloroethylene (TCE)	<5.0	5.0	ug/kg							
Trichlorofluoromethane (R11)	<5.0	5.0	ug/kg							
1,2,3-Trichloropropane	<5.0	5.0	ug/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	5.0	ug/kg							
1,3,5-Trimethylbenzene	<5.0	5.0	ug/kg							
1,2,4-Trimethylbenzene	<5.0	5.0	ug/kg							
Vinyl chloride	<5.0	5.0	ug/kg							
o-Xylene	<2.0	2.0	ug/kg							
m,p-Xylenes	<2.0	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	*87.2*		*ug/kg*	*100*		*87.2*	*70-140*			
Surrogate: Dibromofluoromethane	*93.8*		*ug/kg*	*100*		*93.8*	*70-140*			
Surrogate: Toluene-d8	*98.5*		*ug/kg*	*100*		*98.5*	*70-140*			
LCS (B8A0805-BS1)				Prepared & Analyzed: 01/08/08						
Benzene	**42.5**	2.0	ug/kg	40.0		106	75-125			
Bromodichloromethane	**34.1**	5.0	ug/kg	40.0		85.2	75-125			
Bromoform	**30.5**	5.0	ug/kg	40.0		76.2	75-125			
Carbon Tetrachloride	**38.6**	5.0	ug/kg	40.0		96.5	75-125			
Chlorobenzene	**40.2**	5.0	ug/kg	40.0		100	75-125			
Chloroethane	**44.6**	5.0	ug/kg	40.0		112	75-125			
Chloroform	**37.4**	5.0	ug/kg	40.0		93.5	75-125			
Chloromethane	**41.3**	5.0	ug/kg	40.0		103	65-125			
Dibromochloromethane	**35.1**	5.0	ug/kg	40.0		87.8	75-125			
1,4-Dichlorobenzene	**42.1**	5.0	ug/kg	40.0		105	75-125			
1,1-Dichloroethane	**41.4**	5.0	ug/kg	40.0		104	70-125			
1,2-Dichloroethane (EDC)	**31.9**	5.0	ug/kg	40.0		79.8	75-125			
trans-1,2-Dichloroethylene	**44.7**	5.0	ug/kg	40.0		112	75-125			
cis-1,2-Dichloroethylene	**41.7**	5.0	ug/kg	40.0		104	75-125			
1,1-Dichloroethylene	**43.8**	5.0	ug/kg	40.0		110	70-130			
1,2-Dichloropropane	**38.7**	5.0	ug/kg	40.0		96.8	75-130			
cis-1,3-Dichloropropylene	**39.6**	5.0	ug/kg	40.0		99.0	75-125			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: ACTS - Spencer Street

AA Project No: A67806
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
LCS (B8A0805-BS1) Continued				Prepared & Analyzed: 01/08/08						
Ethylbenzene	**39.6**	2.0	ug/kg	40.0		99.0	75-125			
Methyl-tert-Butyl Ether (MTBE)	**33.4**	5.0	ug/kg	40.0		83.5	75-125			
Methylene Chloride	**39.9**	50	ug/kg	40.0		99.8	75-130			
1,1,2,2-Tetrachloroethane	**33.8**	5.0	ug/kg	40.0		84.5	70-135			
Tetrachloroethylene (PCE)	**43.1**	5.0	ug/kg	40.0		108	75-125			
Toluene	**40.4**	2.0	ug/kg	40.0		101	75-125			
1,1,2-Trichloroethane	**34.6**	5.0	ug/kg	40.0		86.5	75-125			
1,1,1-Trichloroethane	**37.3**	5.0	ug/kg	40.0		93.2	75-125			
Trichloroethylene (TCE)	**39.0**	5.0	ug/kg	40.0		97.5	75-125			
Vinyl chloride	**43.3**	5.0	ug/kg	40.0		108	75-125			
o-Xylene	**39.6**	2.0	ug/kg	40.0		99.0	75-125			
Surrogate: 4-Bromofluorobenzene	*85.8*		*ug/kg*	*100*		*85.8*	*70-140*			
Surrogate: Dibromofluoromethane	*92.6*		*ug/kg*	*100*		*92.6*	*70-140*			
Surrogate: Toluene-d8	*93.8*		*ug/kg*	*100*		*93.8*	*70-140*			
Matrix Spike (B8A0805-MS1)			**Source: 8A04004-01**	Prepared & Analyzed: 01/08/08						
Benzene	**43.7**	2.0	ug/kg	40.0	<2.0	109	70-130			
Bromoform	**33.3**	5.0	ug/kg	40.0	<5.0	83.2	70-130			
Chlorobenzene	**40.5**	5.0	ug/kg	40.0	<5.0	101	70-130			
Chloroform	**39.3**	5.0	ug/kg	40.0	<5.0	98.2	70-130			
1,1-Dichloroethane	**40.3**	5.0	ug/kg	40.0	<5.0	101	70-130			
cis-1,2-Dichloroethylene	**42.3**	5.0	ug/kg	40.0	<5.0	106	70-130			
1,1-Dichloroethylene	**42.5**	5.0	ug/kg	40.0	<5.0	106	70-130			
1,2-Dichloropropane	**39.2**	5.0	ug/kg	40.0	<5.0	98.0	70-130			
Ethylbenzene	**38.9**	2.0	ug/kg	40.0	<2.0	97.2	70-130			
Methyl-tert-Butyl Ether (MTBE)	**36.2**	5.0	ug/kg	40.0	<5.0	90.5	70-130			
n-Propylbenzene	**41.4**	5.0	ug/kg	40.0	<5.0	104	70-130			
Tetrachloroethylene (PCE)	**40.7**	5.0	ug/kg	40.0	<5.0	102	70-130			
Toluene	**40.0**	2.0	ug/kg	40.0	<2.0	100	70-130			
1,1,1-Trichloroethane	**37.9**	5.0	ug/kg	40.0	<5.0	94.8	70-130			
Trichloroethylene (TCE)	**42.3**	5.0	ug/kg	40.0	<5.0	106	70-130			
1,3,5-Trimethylbenzene	**39.6**	5.0	ug/kg	40.0	<5.0	99.0	70-130			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: ACTS - Spencer Street

AA Project No: A67806
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A0805 - EPA 5030B										
Matrix Spike (B8A0805-MS1) Continued Source: 8A04004-01 Prepared & Analyzed: 01/08/08										
Vinyl chloride	**43.6**	5.0	ug/kg	40.0	<5.0	109	70-130			
Surrogate: 4-Bromofluorobenzene	*91.1*		*ug/kg*	*100*		*91.1*	*70-140*			
Surrogate: Dibromofluoromethane	*96.2*		*ug/kg*	*100*		*96.2*	*70-140*			
Surrogate: Toluene-d8	*93.1*		*ug/kg*	*100*		*93.1*	*70-140*			
Matrix Spike Dup (B8A0805-MSD1) Source: 8A04004-01 Prepared & Analyzed: 01/08/08										
Benzene	**44.4**	2.0	ug/kg	40.0	<2.0	111	70-130	1.59	40	
Bromoform	**40.0**	5.0	ug/kg	40.0	<5.0	100	70-130	18.3	40	
Chlorobenzene	**41.5**	5.0	ug/kg	40.0	<5.0	104	70-130	2.44	40	
Chloroform	**39.9**	5.0	ug/kg	40.0	<5.0	99.8	70-130	1.52	40	
1,1-Dichloroethane	**41.5**	5.0	ug/kg	40.0	<5.0	104	70-130	2.93	40	
cis-1,2-Dichloroethylene	**43.2**	5.0	ug/kg	40.0	<5.0	108	70-130	2.11	40	
1,1-Dichloroethylene	**43.0**	5.0	ug/kg	40.0	<5.0	108	70-130	1.17	40	
1,2-Dichloropropane	**42.0**	5.0	ug/kg	40.0	<5.0	105	70-130	6.90	40	
Ethylbenzene	**38.4**	2.0	ug/kg	40.0	<2.0	96.0	70-130	1.29	40	
Methyl-tert-Butyl Ether (MTBE)	**41.5**	5.0	ug/kg	40.0	<5.0	104	70-130	13.6	40	
n-Propylbenzene	**39.8**	5.0	ug/kg	40.0	<5.0	99.5	70-130	3.94	40	
Tetrachloroethylene (PCE)	**41.2**	5.0	ug/kg	40.0	<5.0	103	70-130	1.22	40	
Toluene	**39.5**	2.0	ug/kg	40.0	<2.0	98.8	70-130	1.26	40	
1,1,1-Trichloroethane	**37.9**	5.0	ug/kg	40.0	<5.0	94.8	70-130	0.00	40	
Trichloroethylene (TCE)	**44.3**	5.0	ug/kg	40.0	<5.0	111	70-130	4.62	40	
1,3,5-Trimethylbenzene	**39.8**	5.0	ug/kg	40.0	<5.0	99.5	70-130	0.504	40	
Vinyl chloride	**44.9**	5.0	ug/kg	40.0	<5.0	112	70-130	2.94	40	
Surrogate: 4-Bromofluorobenzene	*88.1*		*ug/kg*	*100*		*88.1*	*70-140*			
Surrogate: Dibromofluoromethane	*97.6*		*ug/kg*	*100*		*97.6*	*70-140*			
Surrogate: Toluene-d8	*90.1*		*ug/kg*	*100*		*90.1*	*70-140*			
Carbon Chain by GC/FID - Quality Control										
Batch B8A0711 - EPA 3550B										
Blank (B8A0711-BLK1) Prepared & Analyzed: 01/07/08										
C6-C8	<1.0	1.0	mg/kg							
C8-C10	<1.0	1.0	mg/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: ACTS - Spencer Street

AA Project No: A67806
Date Received: 01/04/08
Date Reported: 01/30/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Carbon Chain by GC/FID - Quality Control										
Batch B8A0711 - EPA 3550B										
Blank (B8A0711-BLK1) Continued				Prepared & Analyzed: 01/07/08						
C10-C12	<1.0	1.0	mg/kg							
C12-C14	<1.0	1.0	mg/kg							
C14-C16	<1.0	1.0	mg/kg							
C16-C18	<1.0	1.0	mg/kg							
C18-C20	<1.0	1.0	mg/kg							
C20-C22	<1.0	1.0	mg/kg							
C22-C24	<1.0	1.0	mg/kg							
C24-C26	<1.0	1.0	mg/kg							
C26-C28	<1.0	1.0	mg/kg							
C28-C32	<1.0	1.0	mg/kg							
C32-C34	<1.0	1.0	mg/kg							
C34-C36	<1.0	1.0	mg/kg							
C36-C40	<1.0	1.0	mg/kg							
C40-C44	<1.0	1.0	mg/kg							
TPH (C6-C44)	<10	10	mg/kg							
Surrogate: o-Terphenyl	*8.01*		*mg/kg*	*10.0*		*80.1*	*50-150*			
LCS (B8A0711-BS1)				Prepared & Analyzed: 01/07/08						
Diesel Range Organics as Diesel	**217**	10	mg/kg	200		108	75-125			
Surrogate: o-Terphenyl	*9.83*		*mg/kg*	*10.0*		*98.3*	*50-150*			
Matrix Spike (B8A0711-MS1)			**Source: 8A04003-04**	Prepared & Analyzed: 01/07/08						
Diesel Range Organics as Diesel	**200**	10	mg/kg	200	<10	100	70-130			
Surrogate: o-Terphenyl	*9.77*		*mg/kg*	*10.0*		*97.7*	*50-150*			
Matrix Spike Dup (B8A0711-MSD1)			**Source: 8A04003-04**	Prepared & Analyzed: 01/07/08						
Diesel Range Organics as Diesel	**203**	10	mg/kg	200	<10	102	70-130	1.49	40	
Surrogate: o-Terphenyl	*10.3*		*mg/kg*	*10.0*		*103*	*50-150*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	Acts Community Development	**AA Project No:**	A67806
Project No:	NA	**Date Received:**	01/04/08
Project Name:	ACTS - Spencer Street	**Date Reported:**	01/30/08

Special Notes

Viorel Vasile
Operations Manager

Franklin J. Goldman
PO BOX 59, Sonoma, CA 95476
FJGoldmanCHG@yahoo.com
FAX: (949) 606-8711
Cell: (707) 694-1375

CHAIN OF CUSTODY RECORD

A67806 / 8A04004 #104108

Laboratory Analysis P.O. No. _____
Laboratory Please Call Accounts Payable for P.O. No.

Date: _____ Sheet ___ Of ___

Project Name ACTS
Project Number
Address Spencer Street, Oakland, CA
Sampler's Name: Frank Goldman
Sampler's Signature: Frank Goldman

Sample Number	Location	Date	Time	8260b & Methane 5VOAs (HCL)	GRO, DRO, Mtbe, Oil, BTEX, Oxygenates, 8260b (Full)	Metals & Iodine with HNO3	Sulfide with NaOH preservative	TOC with H2SO4 preservative	Alkalinity, Bromide, Chloride, Fluoride, Sulfate, Nitrate, TDS	Ferrous Iron two Amber VOAs	WATER SAMPLE	Soil Sample
	Spencer Street	12/27/07	3:30 PM		X							X

Parameters

American Analytics
9765 Eton Ave
Chatsworth, CA 91311
Phone: (818) 998-5547

Phone Turnaround Time
☐ Rush ☐ 24 Hour ☐ 48 Hour ☒ 5-Day
Repeat to: Frank

Comments
8A04004-01

REVIEWED Date 01/04/08 Time 1100 Sign
TAT N Days

Relinquished By	Date	Time
Frank Goldman FEDEX	1/2/08	3:40 PM
Dispatched By	Date	Time

Received By	Date	Time
Fed X	1/2/08	3:40 PM
	1/4/08	11:20AM
Received in Lab By	Date	Time

Total Number of Containers this Sheet:
Method of Shipment:
Special Shipment/Handling or Storage Requirements: Keep on Ice

AMERICAN ANALYTICS

9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

January 28, 2008

Rene Eschon

Acts Community Development

1034 66th Ave

Oakland, CA 94621

Re : Acts Community Development

A67806 / 8A18008

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 01/18/08 11:15 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,

Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8260B+OXY+TPHG					
MW-5	8A18008-01	Water	10	01/14/08 07:20	01/18/08 11:15
MW-6	8A18008-02	Water	10	01/14/08 08:40	01/18/08 11:15
MW-7	8A18008-03	Water	10	01/14/08 09:55	01/18/08 11:15
MW-3	8A18008-04	Water	10	01/14/08 10:20	01/18/08 11:15
MW-1	8A18008-05	Water	10	01/14/08 12:05	01/18/08 11:15
MW-2	8A18008-06	Water	10	01/14/08 14:15	01/18/08 11:15
MW-4	8A18008-07	Water	10	01/14/08 16:10	01/18/08 11:15

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08
Units: ug/L

Date Sampled:	01/14/08	01/14/08	01/14/08	01/14/08	
Date Prepared:	01/21/08	01/21/08	01/21/08	01/21/08	
Date Analyzed:	01/21/08	01/21/08	01/21/08	01/21/08	
AA ID No:	8A18008-01	8A18008-02	8A18008-03	8A18008-04	
Client ID No:	MW-5	MW-6	MW-7	MW-3	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B)					
Acetone	<10	<10	<10	<10	10
tert-Amyl Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<10	<10	<10	<10	10
tert-Butyl alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08
Units: ug/L

Date Sampled:	01/14/08	01/14/08	01/14/08	01/14/08	
Date Prepared:	01/21/08	01/21/08	01/21/08	01/21/08	
Date Analyzed:	01/21/08	01/21/08	01/21/08	01/21/08	
AA ID No:	8A18008-01	8A18008-02	8A18008-03	8A18008-04	
Client ID No:	MW-5	MW-6	MW-7	MW-3	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	**2.4**	**0.70**	**0.56**	<0.50	0.50
trans-1,2-Dichloroethylene	**0.89**	<0.50	**0.83**	<0.50	0.50
cis-1,2-Dichloroethylene	**64**	**32**	**25**	**4.1**	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	**1700 [1]**	**570 [1]**	**400 [1]**	<100	100
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<10	<10	<10	<10	10
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	**2.0**	<2.0	<2.0	<2.0	2.0
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<10	<10	10
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08
Units: ug/L

Date Sampled:	01/14/08	01/14/08	01/14/08	01/14/08	
Date Prepared:	01/21/08	01/21/08	01/21/08	01/21/08	
Date Analyzed:	01/21/08	01/21/08	01/21/08	01/21/08	
AA ID No:	8A18008-01	8A18008-02	8A18008-03	8A18008-04	
Client ID No:	MW-5	MW-6	MW-7	MW-3	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)					
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	**29**	**14**	**5.3**	**0.69**	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	**1700**	**500**	**410**	**6.2**	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	**3.8**	**1.2**	**1.2**	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	91.8%	93.6%	94.4%	94.6%	70-140
Dibromofluoromethane	87.2%	86.6%	85.2%	86.2%	70-140
Toluene-d8	103%	103%	102%	104%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08
Units: ug/L

Date Sampled:	01/14/08	01/14/08	01/14/08	
Date Prepared:	01/21/08	01/21/08	01/21/08	
Date Analyzed:	01/21/08	01/21/08	01/21/08	
AA ID No:	8A18008-05	8A18008-06	8A18008-07	
Client ID No:	MW-1	MW-2	MW-4	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	10	MRL
8260B+OXY+TPHG (EPA 8260B)				
Acetone	<10	<10	<100	10
tert-Amyl Methyl Ether (TAME)	<2.0	<2.0	<20	2.0
Benzene	<0.50	<0.50	**16**	0.50
Bromobenzene	<0.50	<0.50	<5.0	0.50
Bromochloromethane	<0.50	<0.50	<5.0	0.50
Bromodichloromethane	<0.50	<0.50	<5.0	0.50
Bromoform	<0.50	<0.50	<5.0	0.50
Bromomethane	<0.50	<0.50	<5.0	0.50
2-Butanone (MEK)	<10	<10	<100	10
tert-Butyl alcohol (TBA)	<10	<10	<100	10
sec-Butylbenzene	<0.50	<0.50	**28**	0.50
tert-Butylbenzene	<0.50	<0.50	<5.0	0.50
n-Butylbenzene	<0.50	<0.50	**55**	0.50
Carbon Disulfide	<0.50	<0.50	<5.0	0.50
Carbon Tetrachloride	<0.50	<0.50	<5.0	0.50
Chlorobenzene	<0.50	<0.50	<5.0	0.50
Chloroethane	<0.50	<0.50	<5.0	0.50
Chloroform	<0.50	<0.50	<5.0	0.50
Chloromethane	<0.50	<0.50	<5.0	0.50
2-Chlorotoluene	<0.50	<0.50	<5.0	0.50
4-Chlorotoluene	<0.50	<0.50	<5.0	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<10	1.0
Dibromochloromethane	<0.50	<0.50	<5.0	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<5.0	0.50
Dibromomethane	<0.50	<0.50	<5.0	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<5.0	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<5.0	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08
Units: ug/L

Date Sampled:	01/14/08	01/14/08	01/14/08	
Date Prepared:	01/21/08	01/21/08	01/21/08	
Date Analyzed:	01/21/08	01/21/08	01/21/08	
AA ID No:	8A18008-05	8A18008-06	8A18008-07	
Client ID No:	MW-1	MW-2	MW-4	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	10	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)				
1,4-Dichlorobenzene	<0.50	<0.50	<5.0	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<5.0	0.50
1,1-Dichloroethane	<0.50	<0.50	<5.0	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<5.0	0.50
1,1-Dichloroethylene	**2.8**	**2.9**	<5.0	0.50
trans-1,2-Dichloroethylene	**1.6**	**1.8**	<5.0	0.50
cis-1,2-Dichloroethylene	**130**	**170**	**83**	0.50
1,2-Dichloropropane	<0.50	<0.50	<5.0	0.50
2,2-Dichloropropane	<0.50	<0.50	<5.0	0.50
1,3-Dichloropropane	<0.50	<0.50	<5.0	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<5.0	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<5.0	0.50
1,1-Dichloropropylene	<0.50	<0.50	<5.0	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<20	2.0
Ethylbenzene	<0.50	<0.50	**680**	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<20	2.0
Gasoline Range Organics (GRO)	**2400 [1]**	**2300 [1]**	**11000**	100
Hexachlorobutadiene	<1.0	<1.0	<10	1.0
2-Hexanone (MBK)	<10	<10	<100	10
Isopropylbenzene	<0.50	<0.50	**78**	0.50
4-Isopropyltoluene	<1.0	<1.0	<10	1.0
Methyl-tert-Butyl Ether (MTBE)	<2.0	<2.0	<20	2.0
Methylene Chloride	<5.0	<5.0	<50	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<100	10
Naphthalene	<2.0	<2.0	**150**	2.0
n-Propylbenzene	<0.50	<0.50	**220**	0.50

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08
Units: ug/L

Date Sampled:	01/14/08	01/14/08	01/14/08	
Date Prepared:	01/21/08	01/21/08	01/21/08	
Date Analyzed:	01/21/08	01/21/08	01/21/08	
AA ID No:	8A18008-05	8A18008-06	8A18008-07	
Client ID No:	MW-1	MW-2	MW-4	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	10	MRL
8260B+OXY+TPHG (EPA 8260B) (continued)				
Styrene	<0.50	<0.50	<5.0	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<5.0	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	<5.0	0.50
Tetrachloroethylene (PCE)	**14**	**16**	<5.0	0.50
Toluene	<0.50	<0.50	**13**	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<5.0	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<5.0	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<5.0	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<5.0	0.50
Trichloroethylene (TCE)	**2100**	**1900**	**72**	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<5.0	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<5.0	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<5.0	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	**230**	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	**850**	0.50
Vinyl chloride	**36**	**20**	**50**	0.50
o-Xylene	<0.50	<0.50	**170**	0.50
m,p-Xylenes	<1.0	<1.0	**1400**	1.0
Surrogates				**%REC Limits**
4-Bromofluorobenzene	91.2%	93.8%	103%	70-140
Dibromofluoromethane	83.4%	86.4%	88.0%	70-140
Toluene-d8	103%	104%	106%	70-140

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A2116 - EPA 5030B										
Blank (B8A2116-BLK1)				Prepared & Analyzed: 01/21/08						
Acetone	<10	10	ug/L							
tert-Amyl Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<10	10	ug/L							
tert-Butyl alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A2116 - EPA 5030B										
Blank (B8A2116-BLK1) Continued				Prepared & Analyzed: 01/21/08						
1,1-Dichloroethylene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<10	10	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<2.0	2.0	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<10	10	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A2116 - EPA 5030B										
Blank (B8A2116-BLK1) Continued				Prepared & Analyzed: 01/21/08						
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*47.6*		*ug/L*	*50.0*		*95.2*	*70-140*			
Surrogate: Dibromofluoromethane	*41.9*		*ug/L*	*50.0*		*83.8*	*70-140*			
Surrogate: Toluene-d8	*51.5*		*ug/L*	*50.0*		*103*	*70-140*			
LCS (B8A2116-BS1)				Prepared & Analyzed: 01/21/08						
Benzene	**20.8**	0.50	ug/L	20.0		104	75-125			
Bromodichloromethane	**15.5**	0.50	ug/L	20.0		77.5	75-125			
Bromoform	**15.2**	0.50	ug/L	20.0		76.0	75-125			
Carbon Tetrachloride	**16.9**	0.50	ug/L	20.0		84.5	75-125			
Chlorobenzene	**18.9**	0.50	ug/L	20.0		94.5	75-125			
Chloroethane	**20.7**	0.50	ug/L	20.0		104	75-125			
Chloroform	**16.4**	0.50	ug/L	20.0		82.0	75-125			
Chloromethane	**21.5**	0.50	ug/L	20.0		108	65-125			
Dibromochloromethane	**16.2**	0.50	ug/L	20.0		81.0	75-125			
1,4-Dichlorobenzene	**21.6**	0.50	ug/L	20.0		108	75-125			
1,1-Dichloroethane	**19.1**	0.50	ug/L	20.0		95.5	70-125			
1,2-Dichloroethane (EDC)	**15.6**	0.50	ug/L	20.0		78.0	75-125			
1,1-Dichloroethylene	**21.1**	0.50	ug/L	20.0		106	70-130			
trans-1,2-Dichloroethylene	**21.0**	0.50	ug/L	20.0		105	75-125			
cis-1,2-Dichloroethylene	**18.8**	0.50	ug/L	20.0		94.0	75-125			
1,2-Dichloropropane	**21.4**	0.50	ug/L	20.0		107	75-130			
cis-1,3-Dichloropropylene	**17.5**	0.50	ug/L	20.0		87.5	75-125			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A2116 - EPA 5030B										
LCS (B8A2116-BS1) Continued				Prepared & Analyzed: 01/21/08						
Ethylbenzene	**20.0**	0.50	ug/L	20.0		100	75-125			
Methyl-tert-Butyl Ether (MTBE)	**16.3**	2.0	ug/L	20.0		81.5	75-125			
Methylene Chloride	**20.0**	5.0	ug/L	20.0		100	75-130			
1,1,2,2-Tetrachloroethane	**20.4**	0.50	ug/L	20.0		102	70-135			
Tetrachloroethylene (PCE)	**20.7**	0.50	ug/L	20.0		104	75-125			
Toluene	**21.2**	0.50	ug/L	20.0		106	75-125			
1,1,1-Trichloroethane	**15.1**	0.50	ug/L	20.0		75.5	75-125			
1,1,2-Trichloroethane	**19.7**	0.50	ug/L	20.0		98.5	75-125			
Trichloroethylene (TCE)	**17.1**	0.50	ug/L	20.0		85.5	75-125			
Vinyl chloride	**23.7**	0.50	ug/L	20.0		118	75-125			
o-Xylene	**20.1**	0.50	ug/L	20.0		100	75-125			
Surrogate: 4-Bromofluorobenzene	*51.7*		*ug/L*	*50.0*		*103*	*70-140*			
Surrogate: Dibromofluoromethane	*41.4*		*ug/L*	*50.0*		*82.8*	*70-140*			
Surrogate: Toluene-d8	*53.9*		*ug/L*	*50.0*		*108*	*70-140*			
Matrix Spike (B8A2116-MS1)				**Source: 8A15001-01** Prepared & Analyzed: 01/21/08						
Benzene	**20.8**	0.50	ug/L	20.0	<0.50	104	70-130			
Bromoform	**15.1**	0.50	ug/L	20.0	<0.50	75.5	70-130			
Chlorobenzene	**21.3**	0.50	ug/L	20.0	<0.50	106	70-130			
Chloroform	**16.8**	0.50	ug/L	20.0	<0.50	84.0	70-130			
1,1-Dichloroethane	**18.8**	0.50	ug/L	20.0	<0.50	94.0	70-130			
1,1-Dichloroethylene	**21.8**	0.50	ug/L	20.0	0.77	105	70-130			
cis-1,2-Dichloroethylene	**19.6**	0.50	ug/L	20.0	<0.50	98.0	70-130			
1,2-Dichloropropane	**21.5**	0.50	ug/L	20.0	<0.50	108	70-130			
Ethylbenzene	**22.9**	0.50	ug/L	20.0	<0.50	114	70-130			
Methyl-tert-Butyl Ether (MTBE)	**15.4**	2.0	ug/L	20.0	<2.0	77.0	70-130			
n-Propylbenzene	**25.8**	0.50	ug/L	20.0	<0.50	129	70-130			
Tetrachloroethylene (PCE)	**23.8**	0.50	ug/L	20.0	<0.50	119	70-130			
Toluene	**23.9**	0.50	ug/L	20.0	<0.50	120	70-130			
1,1,1-Trichloroethane	**15.9**	0.50	ug/L	20.0	0.90	75.0	70-130			
Trichloroethylene (TCE)	**17.7**	0.50	ug/L	20.0	<0.50	88.5	70-130			
1,3,5-Trimethylbenzene	**22.7**	0.50	ug/L	20.0	<0.50	114	70-130			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: Acts Community Development
Project No: NA
Project Name: Acts Community Development

AA Project No: A67806
Date Received: 01/18/08
Date Reported: 01/28/08

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
Batch B8A2116 - EPA 5030B										
Matrix Spike (B8A2116-MS1) Continued Source: 8A15001-01 Prepared & Analyzed: 01/21/08										
Vinyl chloride	**23.4**	0.50	ug/L	20.0	<0.50	117	70-130			
Surrogate: 4-Bromofluorobenzene	*50.8*		*ug/L*	*50.0*		*102*	*70-140*			
Surrogate: Dibromofluoromethane	*42.4*		*ug/L*	*50.0*		*84.8*	*70-140*			
Surrogate: Toluene-d8	*60.8*		*ug/L*	*50.0*		*122*	*70-140*			
Matrix Spike Dup (B8A2116-MSD1) **Source: 8A15001-01** Prepared & Analyzed: 01/21/08										
Benzene	**21.4**	0.50	ug/L	20.0	<0.50	107	70-130	2.84	30	
Bromoform	**15.6**	0.50	ug/L	20.0	<0.50	78.0	70-130	3.26	30	
Chlorobenzene	**21.4**	0.50	ug/L	20.0	<0.50	107	70-130	0.468	30	
Chloroform	**17.3**	0.50	ug/L	20.0	<0.50	86.5	70-130	2.93	30	
1,1-Dichloroethane	**19.2**	0.50	ug/L	20.0	<0.50	96.0	70-130	2.11	30	
1,1-Dichloroethylene	**22.1**	0.50	ug/L	20.0	0.77	107	70-130	1.37	30	
cis-1,2-Dichloroethylene	**19.7**	0.50	ug/L	20.0	<0.50	98.5	70-130	0.509	30	
1,2-Dichloropropane	**22.9**	0.50	ug/L	20.0	<0.50	114	70-130	6.31	30	
Ethylbenzene	**22.4**	0.50	ug/L	20.0	<0.50	112	70-130	2.21	30	
Methyl-tert-Butyl Ether (MTBE)	**15.6**	2.0	ug/L	20.0	<2.0	78.0	70-130	1.29	30	
n-Propylbenzene	**26.2**	0.50	ug/L	20.0	<0.50	131	70-130	1.54	30	
Tetrachloroethylene (PCE)	**22.4**	0.50	ug/L	20.0	<0.50	112	70-130	6.06	30	
Toluene	**23.3**	0.50	ug/L	20.0	<0.50	116	70-130	2.54	30	
1,1,1-Trichloroethane	**16.0**	0.50	ug/L	20.0	0.90	75.5	70-130	0.627	30	
Trichloroethylene (TCE)	**18.2**	0.50	ug/L	20.0	<0.50	91.0	70-130	2.79	30	
1,3,5-Trimethylbenzene	**22.7**	0.50	ug/L	20.0	<0.50	114	70-130	0.00	30	
Vinyl chloride	**23.9**	0.50	ug/L	20.0	<0.50	120	70-130	2.11	30	
Surrogate: 4-Bromofluorobenzene	*51.3*		*ug/L*	*50.0*		*103*	*70-140*			
Surrogate: Dibromofluoromethane	*43.1*		*ug/L*	*50.0*		*86.2*	*70-140*			
Surrogate: Toluene-d8	*58.8*		*ug/L*	*50.0*		*118*	*70-140*			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	Acts Community Development	**AA Project No:**	A67806
Project No:	NA	**Date Received:**	01/18/08
Project Name:	Acts Community Development	**Date Reported:**	01/28/08

Special Notes

[1] = ****** : The reported concetration is mainly from the contribution of Trichloroethylene (TCE)

Viorel Vasile
Operations Manager

Franklin J. Goldman
PO BOX 59, Sonoma, CA 95476
FJGoldmanCHG@yahoo.com
FAX: (949) 606-8711
Cell: (707) 758-6614

CHAIN OF CUSTODY RECORD

6A18008 / 8A18008

104219

Laboratory Analysis P.O. No.
Laboratory Please Call Accounts Payable for P.O. No.

Date: 01/15/08 Sheet 1 of 1

Project Name: Acts Full Gospel Church
Project Number: 1001 77th Avenue
Address: Oakland, CA

Sampler's Name: Frank Goldman
Sampler's Signature:

Sample Number	Location	Date	Time
MW-5		01/14/07	7:20 AM
MW-6			8:40 AM
MW-7			9:55 AM
MW-3			10:20 AM
MW-1			12:05 PM
MW-2			2:15 PM
MW-4			4:10 PM

Parameters

TPH as Gasoline 8015	TPH as Diesel 8015	TPH-g/BTEX 8015/8020 & MTBE	BTEX & EPA 8020	Oil and Grease 5520	Volitile Organics (8010)	CAM Metals (17)	Pr. Pollutant Metals (13)	Base/Neu/Acids (Organic)	Pesticides 8140/8141	Method 8260b for 5 oxygenates & 2 lead scavengers	Bulk density, moisture, porosity fraction of organic carbon	SOIL SAMPLE	WATER SAMPLE
										X			X
										X			X
										X			X
										X			X
										X			X
										X			X
										X			X

AGROUP BTEX

American Analytics
9765 Eton Ave
Chatsworth, CA 91311
Phone: (818) 998-5547

Phone

Turnaround Time
☐ Rush ☐ 24 Hour ☐ 48 Hour ☒ 5-Day

Repeat to: Frank

Comments
6A18008-01
-02
-03
-04
-05
-06
-07

Relinquished By	Date	Time
	1/16/08	4:17 PM
Dispatched By	Date	Time

Received By	Date	Time
FedX	1/14/08	4:17 PM
Received in Lab By	Date	Time
	1/16/08	1115

Total Number of Containers this Sheet:

Method of Shipment:

Special Shipment/Handling or Storage Requirements:

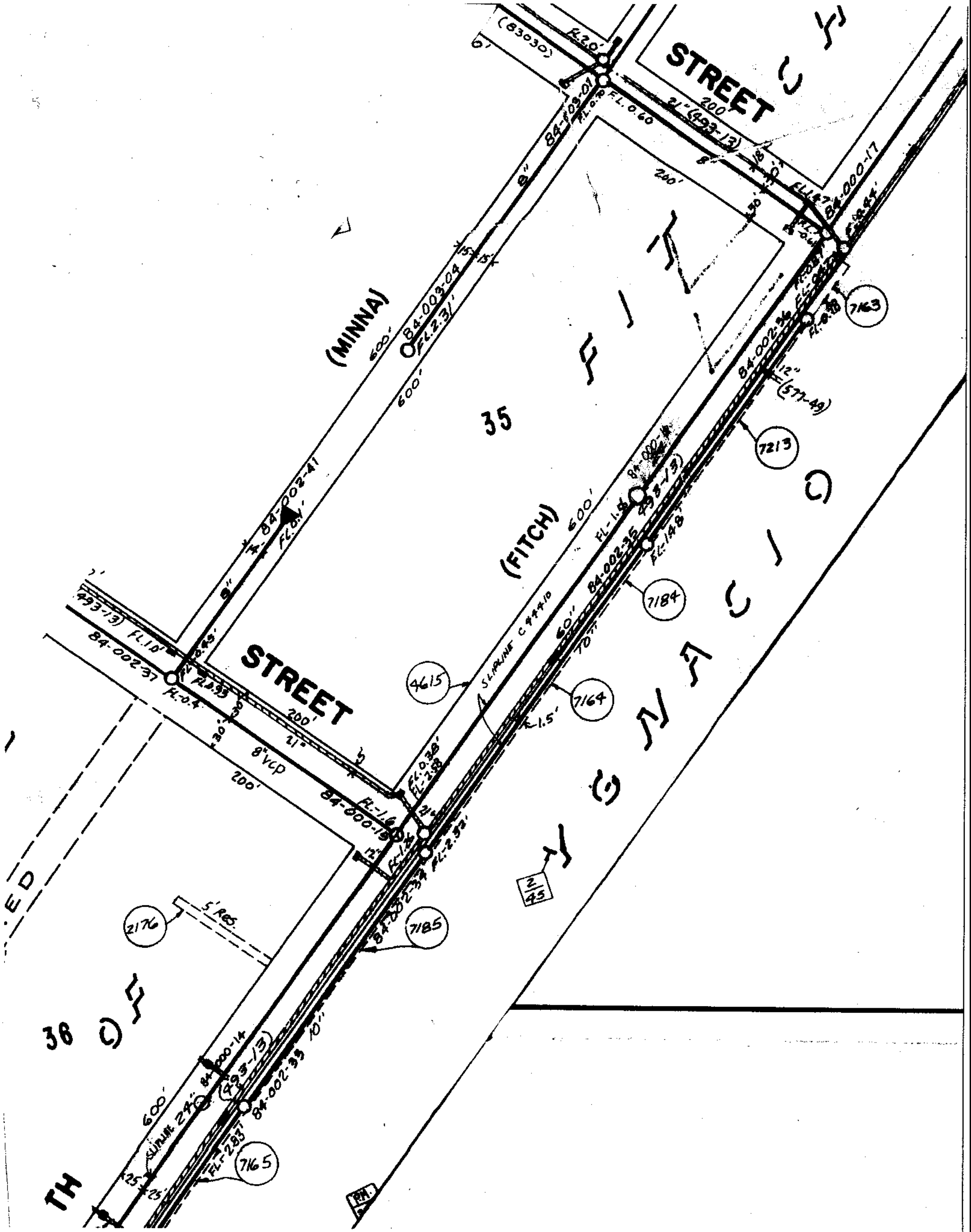
Keep on Ice

REVIEWED Date 1/18/08 Time 1155 Sign

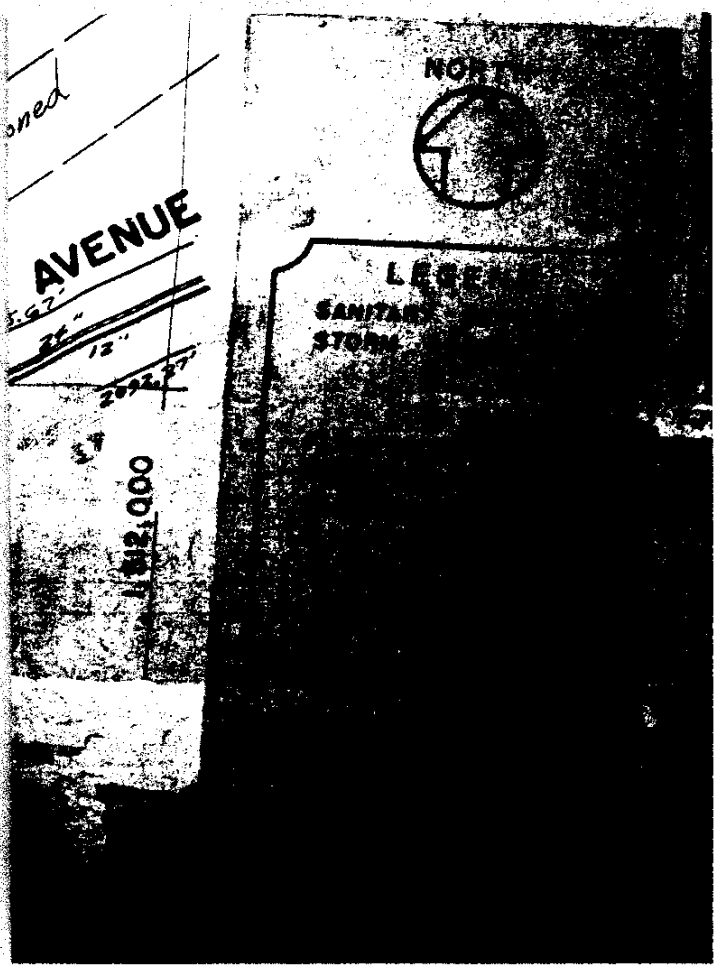
Days

Appendix B

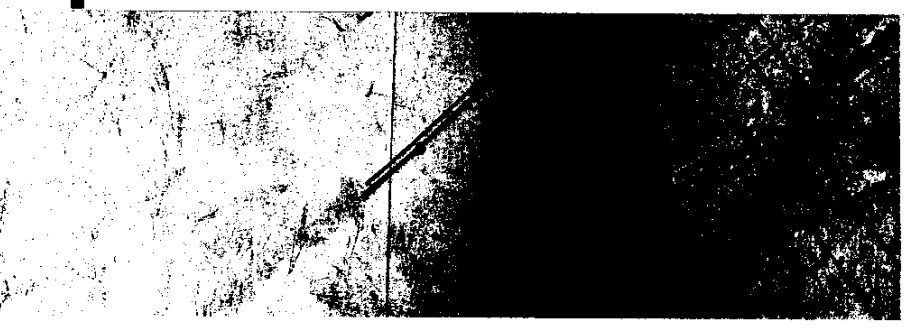
City of Oakland Utility Line Map


STREET
(MINNA)
35
(FITCH)
STREET
38
600'
200'
84-003-01
84-003-04
84-000-17
84-002-41
84-002-37
84-000-19
84-002-36
84-002-35
84-002-34
84-002-33
84-000-14
(493-13)
(577-49)
8" VCP
5' RES.
7163
7213
7184
7164
4615
7185
2176
7165
2/45
TH
ED

REVISIONS:
(O-9188-78) VACATION OF 76TH AVE. BET. HAWLEY AND SNOW STREETS - 6-26-78.
(83030) SPENCER ST. - 75th Ave. to 77th Ave. 8/11/76
(82880) 73rd Ave. - HAWLEY to HAMILTON 8/12/76
(76540) 76th Ave.
(C44410) 77TH AVE 8-8-96



SCALE 0 100 200 300 400 500 600 700



Appendix C

Alameda County Letter Regarding 958 77th Street

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

January 22, 1997
StID # 3803

REMEDIAL ACTION COMPLETION CERTIFICATION

Ms. Gladys Cheney
c/o Mr. Dennis Welch
Melfort Properties
30593 Union City Blvd.
Union City, CA 94587

Re: Former Chip Steak Company, 958 77th Ave., Oakland 94621

Dear Ms. Cheney:

This letter confirms the completion of site investigation and remedial action for the one underground 1,000 gallon gasoline tank at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank is greatly appreciated.

Based upon the available information and with provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank release is required.

This notice is issued pursuant to the regulation contained in Title 23, Division 3, Chapter 16, Section 2721 (e) of the California Code of Regulations.

Please contact Barney Chan at (510) 567-6765 if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung, Director

c: B. Chan, Hazardous Materials Division-files
Kevin Graves, RWQCB
L. Casias, SWRCB (with attachment)
Mr. J. Walton Cheney, 3282 Chablis Court, Pleasanton, CA 94566
RACC958-77

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION **Date:** 12/29/95

Agency name: **Alameda County-HazMat** Address: **1131 Harbor Bay Parkway Rm 250, Alameda CA 94502**

City/State/Zip: **Alameda** Phone: **(510) 567-6700**

Responsible staff person: Barney Chan Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: Chip Steak Company

Site facility address: 958 77th Ave., Oakland CA 94621

RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: 3803

ULR filing date: 10/31/88 SWEEPS No: **N/A**

Responsible Parties:	Addresses:	Phone Numbers:
Ms. Gladys H. Cheney c/o Mr. Dennis Welch Melfort Properties	30593 Union City Blvd. Union City, CA 94587 S.F, CA 94119-3575	

Tank No:	Size in gal.:	Contents:	Closed in-place or removed?:	Date:
1	1,000	gasoline	Removed	10/05/88

III RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown

Site characterization complete? Yes

Date approved by oversight agency: 4/20/95 work plan approved

Monitoring Wells installed? YES Number: 3

Proper screened interval? Yes, from 7-24' bgs

Leaking Underground Fuel Storage Program

Highest GW depth: 5.22'BGS Lowest depth: 8.25' BGS

Flow direction: northwesterly

Most sensitive current use: unknown

Are drinking water wells affected? No Aquifer name: NA

Is surface water affected? No Nearest affected SW name: NA

Off-site beneficial use impacts (addresses/locations): None

Report(s) on file? Yes Where is report(s)? Alameda County
1131 Harbor Bay Parkway,
Room 250, Alameda CA 94502-6577

Treatment and Disposal of Affected Material:

Material	Amount (include units)	Action (Treatment or Disposal w/destination)	Date
Tank	1-1000 gallon gas	Disposed @ H& H, 220 China Basin, San Francisco	10/5/88
Soil	35 cy	Disposed, Redwood Landfill Novato	9/13/89
Liquid	100 gallon	Disposed, @ H&H, SF	10/5/88
Groundwater	1500 gallon	Evergreen Oil, Inc, Newark, CA 94560	5/23/95

Maximum Documented Contaminant Concentrations - - Before and After Cleanup

Contaminant	Soil (ppm)		* Water (ppb)	
	Before	After	Before	After
TPH (Gas)	1400	130 [1]	--	170
Benzene	3.1	<0.04	--	8
Toluene	59	<0.02	--	0.63
Ethylbenzene	26	0.04	--	1.6
Xylenes	150	0.11	--	0.57
Other Lead			80	
Chlorobenzene	<0.03			44
cis 1,2-DCE, TCE, Vinyl Chloride			100, 8.8,	8.9

Comments (Depth of Remediation, etc.):
* from initial groundwater sample
[1] from overexcavation floor sample

IV. CLOSURE
Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? YES

Leaking Underground Fuel Storage Tank Program

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? YES

Does corrective action protect public health for current land use? YES

Site management requirements: NA

Should corrective action be reviewed if land use changes? No

Monitoring wells Decommissioned: NO, pending closure

Number Decommissioned: 0 Number Retained: 3

List enforcement actions taken: NOV 2/3/89

List enforcement actions rescinded: Received wp on August 24, 1989

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney M. Chan Title: Hazardous Materials Specialist

Signature: Barney M. Chan Date: 1/2/96

Reviewed by

Name: Susan Hugo Title: Sen. Haz. Materials Specialist

Signature: Susan L. Hugo Date: 1/2/96

Name: Eva Chu Title: Haz. Mat. Specialist

Signature: Eva Chu Date: 1/2/96

VI. RWQCB NOTIFICATION

Date Submitted to RB: RB Response:

RWQCB Staff Name: K. Graves Title: AWRCE Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.

Site Summary for Chip Steak Co., 958 77th Ave. Oakland #3803

A 1000 gallon gasoline tank located just north of the main building, lying between the building and the street, was removed on October 5, 1988. Running parallel to the tank and street is a 12" clay sanitary sewer line. Two soil samples taken from the base of the tank detected 1400 and 730 mg/kg TPHg. Since an original tank closure plan was never submitted it is unclear exactly where the original soil samples were taken.

On March 8, 1989, overexcavation was performed. Approximately 35 cy of soil was removed, during which rainfall prevented any more excavation. Only one soil sample was taken from the center of the floor bottom after the over-excavation at a depth of 13.5'. This sample exhibited 130 ppm TPHg and 0.11 ppm and 0.04 ppm xylene and ethylbenzene respectively.

On August 9, 1989 three monitoring wells were installed around the former tank pit, with MW3 being the downgradient well and lying closest to the sanitary sewer. Soil samples from these wells were rather unremarkable with levels of TEX just ~~above~~ above detection limits and TPHg at 20 mg/kg in MW1 (8-8.5')

Groundwater monitoring was performed only once in 1990, twice in 1991 and discontinued in 1992. It was resumed in 1993 and performed more regularly in 1993-1994. Based on the monitoring results, it appeared that petroleum contamination had attenuated, however, chlorobenzene at concentrations above the CA MCL of 30 ppb continued to be detected in MW3, the downgradient well.

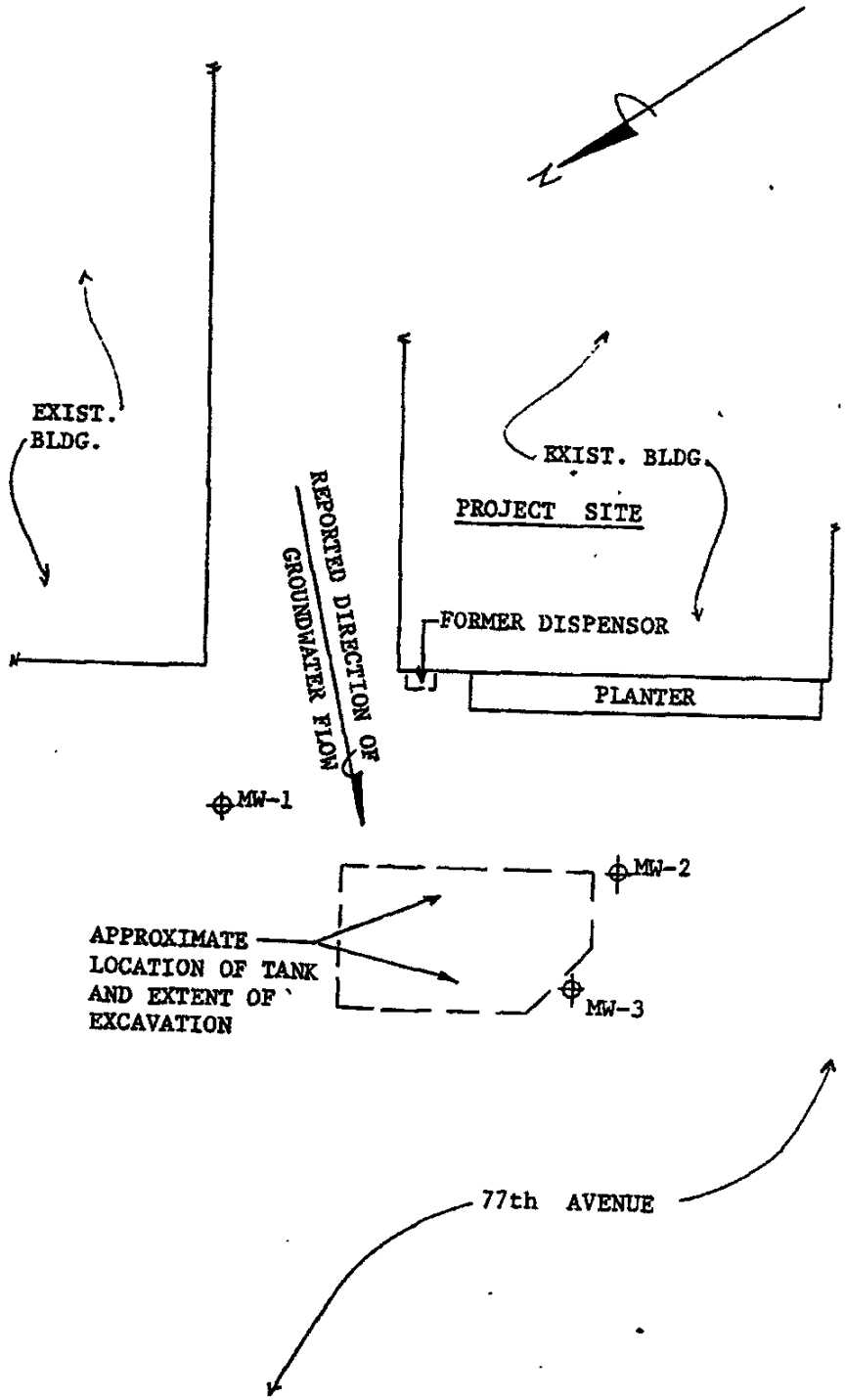
Based on the presence of the majority of contaminants being detected in MW3, a work plan was proposed and accepted for the removal of groundwater from this well. Also, it was believed that the sanitary sewer line may be acting as a conduit and source of contamination being detected in MW3. The work plan therefore included the installation of hydropunch borings up- and downgradient along the sewer line along with borings next to MW3. A total of 1500 gallons of water was removed from MW3. Five hydropunch borings were advanced and grab groundwater samples collected. Only three of the five samples were analyzed,(HP-1, HP-2 and HP-5). With the exception of HP-3, all borings encountered gravel and sandy clay which are common to trench backfill material. MW-3 was also sampled after the removal of the 1500 gallons of water.

The results of this investigation are as follows:

Rationale for no further work:

It has been demonstrated that there is definitely communication with the water in MW3 and the water around the sanitary sewer line. The shallow groundwater table (approx. 5-6') makes this a very likely and probable condition. The extraction of groundwater from MW-3 drew water and contamination from around the sewer line. This is evidenced in the elevated contaminant levels detected in the May 95 MW-3 water sample taken just after groundwater removal compared to the more typical contaminant levels found in the recent 9/26/95 sample. If we assume that contamination migrates along the sewer line and that the contaminant flows also along the sewer line (not unusual) the high levels of chlorinated solvents detected in HP-5 could account for the contamination found in MW-3. It would be pointless to continue to monitor MW-3 which is in communication with contaminants found in the sanitary sewer.

The source of chlorobenzene in groundwater has not been determined. Chlorobenzene was not detected in any soil samples from beneath the former tank or from any soil from the monitoring well borings. The concentration of chlorobenzene has equilibrated to approx. 40-50 ppb. Yet, the grab groundwater sample from HP-1, closest to MW-3 did not detect chlorobenzene. It appears residual chlorobenzene in groundwater is limited in extent. Chlorobenzene does not significantly impact groundwater quality as the California MCL is 30 ppb and the EPA MCL is 100 ppb.



MELFORT PROPERTIES		
DATE 4/5/95	SCALE NTS	DRAWN BY dcg
SITE PLAN		
	Figure 2	

GeoPlexus, Inc.

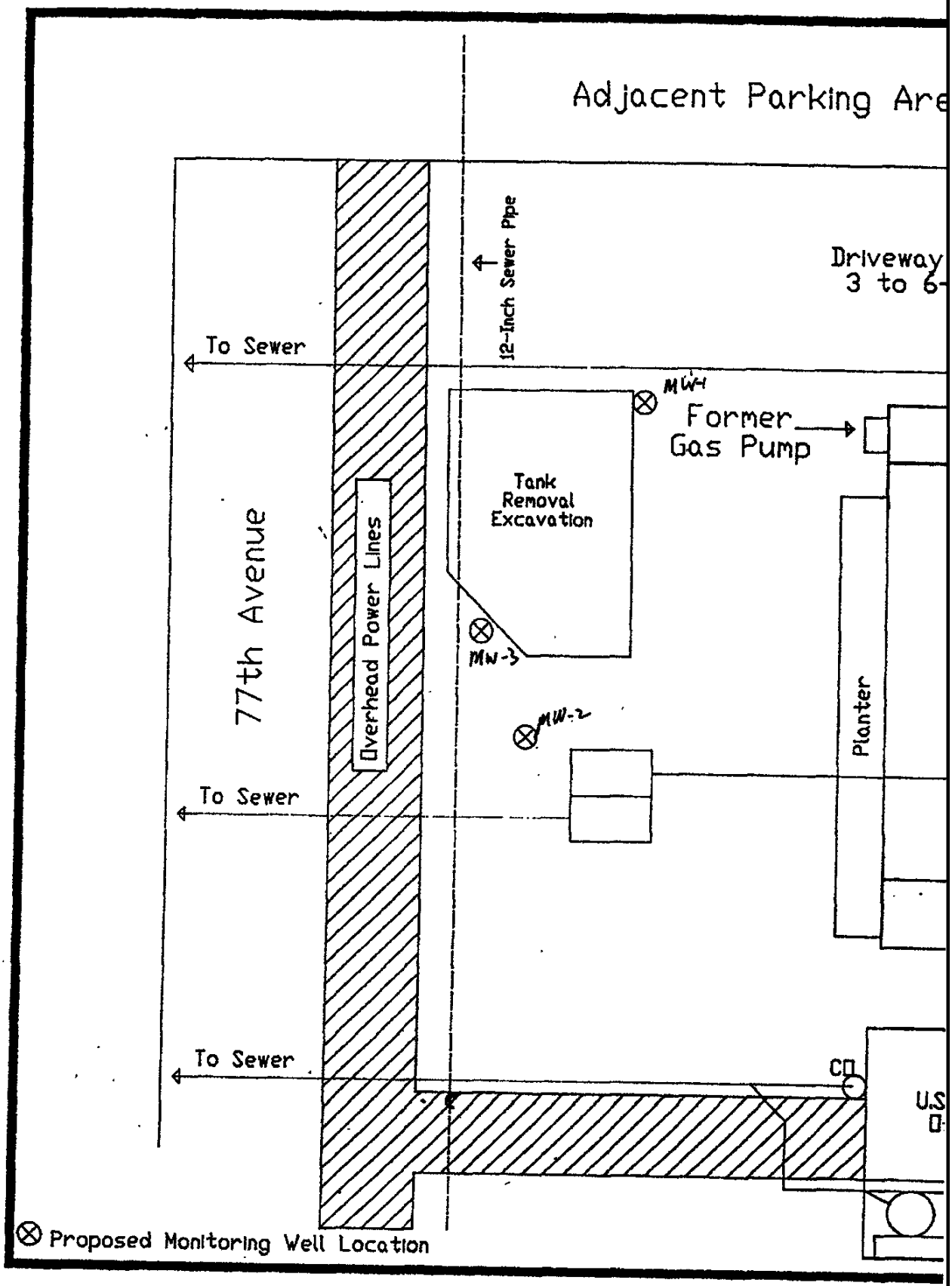
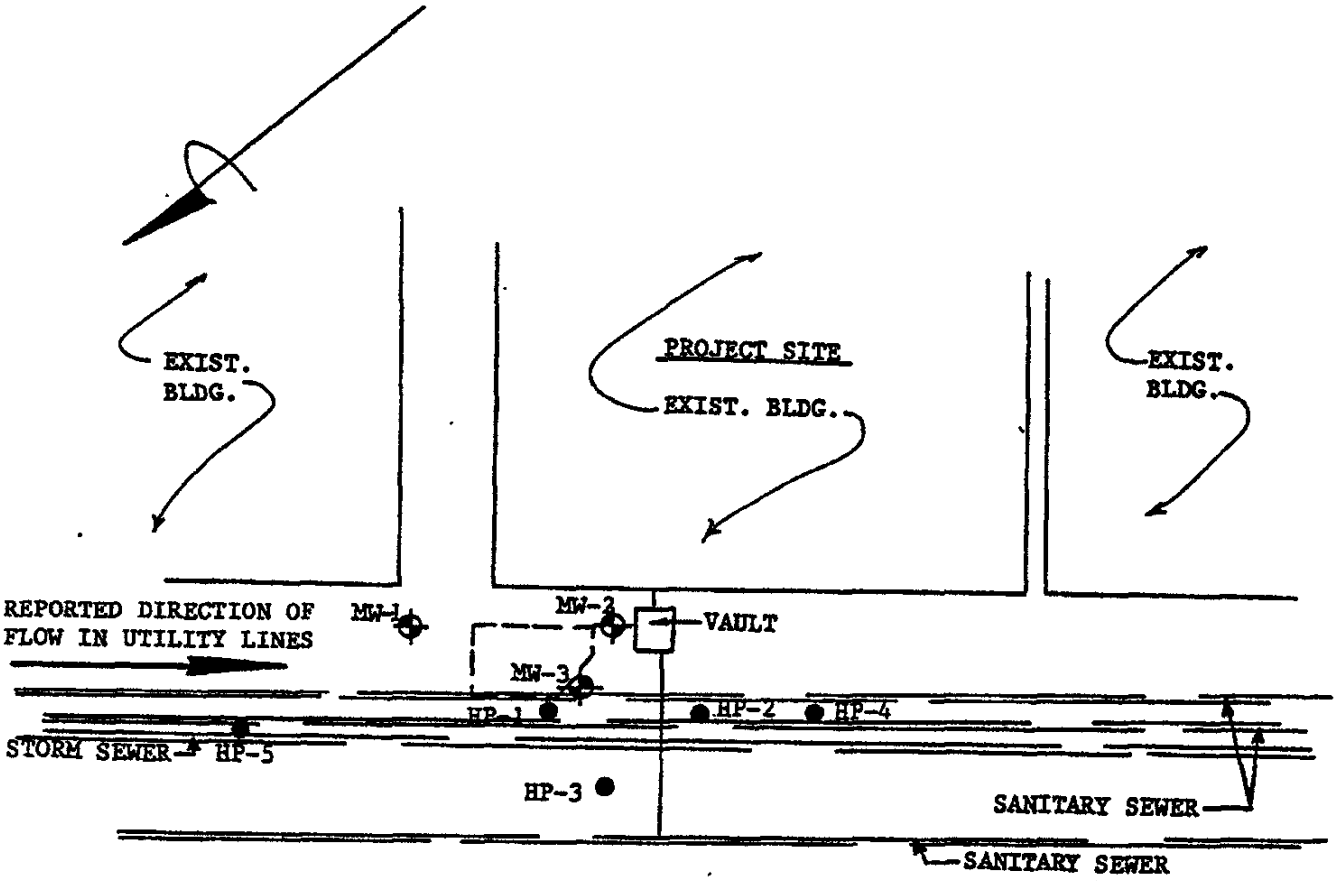

Adjacent Parking Are
12-Inch Sewer Pipe
Driveway
3 to 6
To Sewer
MW-1
Former
Gas Pump
Tank
Removal
Excavation
77th Avenue
Overhead Power Lines
MW-3
MW-2
Planter
To Sewer
To Sewer
Proposed Monitoring Well Location

TABLE 1
SUMMARY OF GROUND WATER ANALYTICAL TEST DATA

Date Sampled	TPH Gas	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Chloro-benzene
Monitoring Well MW-1						
9-89 (1)	560	5.4	<0.3	15	1.2	<0.3
10-90 (1)	350	0.8	<0.3	0.5	4.1	<0.3
1-91 (1)	80	0.6	<0.3	<0.4	0.3	<0.3
4-91 (1)	170	17	7.3	<0.4	<0.3	<0.3
3-16-93 (1)	90	<0.5	<0.5	<0.5	<0.5	–
6-16-93 (1)	60	<1	<1	<1	<1	<1
10-14-93 (1)	63	<1	<1	<1	<1	<1
1-3-94 (1)	<50	<1	<1	<1	<1	<1
4-26-94 (1)	<50	<1	<1	<1	<1	<1
8-12-94 (1)	<50	<1	<1	<1	<1	<1
Monitoring Well MW-2						
9-89 (1)	<50	<0.4	<0.3	<0.5	<0.3	16
10-90 (1)	<50	<0.4	<0.3	<0.4	<0.3	11
1-91 (1)	<50	<0.4	<0.3	<0.4	<0.3	3.9
4-91 (1)	<50	<0.4	<0.3	<0.4	<0.3	10
3-16-93 (1)	<50	<0.5	<0.5	<0.5	2.3	–
6-16-93 (1)	<50	<1	<1	<1	<1	3
10-14-93 (1)	<50	<1	<1	<1	<1	<1
1-3-94 (1)	<50	<1	<1	<1	<1	2
4-26-94 (1)	<50	<1	<1	<1	<1	<1
8-12-94 (1)	<50	<1	<1	<1	<1	<1
Monitoring Well MW-3						
9-89 (1)	120	16	<0.3	9	<0.3	<0.3
10-90 (1)	230	13	1.5	19	8.5	95
1-91 (1)	220	5	3	18	5	75
4-91 (1)	300	16	5.5	41	14	79
3-16-93 (1)	170	28	<0.5	<0.5	1.6	–
6-16-93 (1)	180	24	<1	<1	<1	62
10-14-93 (1)	140	3	<1	1	<1	90
1-3-94 (1)	130	4	<1	<1	<1	42
4-26-94 (1)	210	4	1	2	<1	34
8-12-94 (1)	90	2	<1	<1	<1	52
Following Extraction 5-15-95 (2)	1300	50	8.1	53	140	42
Current Sample 9-26-95 (2)	170	8	0.63	1.6	0.57	44

Note: (1) Concentrations reported by Subsurface Consultants, Inc.
(2) Samples obtained and reported by Geo Plexus, Inc.
concentrations reported as parts per billion (ppb)



● INDICATES LOCATIONS OF HYDROPUNCH BORINGS

Source: Ron Archer Survey Plan prepared for
Clayton Environmental, dated 9/22/89

GeoPlexus, Inc.

MELFORT PROPERTIES		
DATE 5/25/95	SCALE 1"=30'	DRAWN BY dcg
BORING LOCATION PLAN		
	Figure 3	

Hydrogen

McCAMPBELL ANALYTICAL INC.	110 2nd Avenue South, #D7, Pacheco, CA 94553 Tele: 510-798-1620 Fax: 510-798-1622

Geo Plexus, Inc. 1900 Wyatt Drive, # 1 Santa Clara, Ca. 95054	Client Project ID: # C95015; Decon Environmental, Melfort Properties	Date Sampled: 05/15/95
		Date Received: 05/16/95
	Client Contact: David Glick	Date Extracted: 05/17/95
	Client P.O:	Date Analyzed: 05/17/95

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

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	Benzene	Toluene	Ethylben-zene	Xylenes	Chloroben-zene	% Rec. Surrogate
52499	HP1-WS1A	W	100,f	1.0	ND	ND	ND	ND	108
52500	HP2-WS1A	W	140,f,j	(32)	ND	3.2	3.0	ND	100
52503	HP5-WS1A	W	(1200),f,i	0.92	0.79	ND	0.93	ND	—#
	MW-3		1300	50	8.1	53	140	42	105
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		W	50 ug/L	0.5	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.005	0.005	0.005	0.005	0.005	

* water and vapor samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts 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 (?); f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen is present; i) liquid sample that contains greater than ~ 5 vol. % sediment; j) no recognizable pattern.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Geo Plexus, Inc. 1900 Wyatt Drive, # 1 Santa Clara, Ca. 95054	Client Project ID: # C95015; Decon Environmental, Melfort Properties	Date Sampled: 05/15/95
		Date Received: 05/16/95
	Client Contact: David Glick	Date Extracted: 05/16-05/17/95
	Client P.O:	Date Analyzed: 05/16-05/17/95

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	52498			
Client ID	MW3-WSIB	HP-1	HP-5	HP-2
Matrix	W			
Compound	Concentration*			
Bromodichloromethane	ND< 5			
Bromoform(b)	ND< 5			
Bromomethane	ND< 5			
Carbon Tetrachloride(c)	ND< 5			
Chlorobenzene	45	ND	<50	ND
Chloroethane	ND< 5			
2-Chloroethyl Vinyl Ether(d)	ND< 5			
Chloroform(e)	ND< 5			
Chloromethane	ND< 5			
Dibromochloromethane	ND< 5			
1,2-Dichlorobenzene	ND< 5			
1,3-Dichlorobenzene	ND< 5			
1,4-Dichlorobenzene	ND< 5			
Dichlorodifluoromethane	ND< 5			
1,1-Dichloroethane	ND< 5			0.63
1,2-Dichloroethane	ND< 5			0.56
1,1-Dichloroethene	ND< 5			
cis 1,2-Dichloroethene	200	190	360	24
trans 1,2-Dichloroethene	ND< 5			
1,2-Dichloropropane	ND< 5			
cis 1,3-Dichloropropene	ND< 5			
trans 1,3-Dichloropropene	ND< 5			
Methylene Chloride(f)	ND< 5			
1,1,2,2-Tetrachloroethane	ND< 5			
Tetrachloroethene	ND< 5			3
1,1,1-Trichloroethane	ND< 5			
1,1,2-Trichloroethane	ND< 5			
Trichloroethene	20	24	300	3
Trichlorofluoromethane	ND< 5			
Vinyl Chloride(g)	20	38	<50	2.1
% Recovery Surrogate	89			
Comments				

* water and vapor samples are reported in ug/L, soil samples in ug/kg and all TCLP extracts in ng/L.

Reporting limit unless otherwise stated: water/TCLP extracts, ND< 0.5ug/L; soil, ND< 5ug/kg

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

(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Geo Plexus, Inc. 1900 Wyatt Drive, # 1 Santa Clara, Ca. 95054	Client Project ID: # C95015; Decon Environmental, Melfort Properties	Date Sampled: 05/15/95
		Date Received: 05/16/95
	Client Contact: David Glick	Date Extracted: 05/16-05/22/95
	Client P.O:	Date Analyzed: 05/16-05/22/95

Volatile Halocarbons

EPA method 601 or 8010

Lab ID	52499	52500	52503	
Client ID	HP1-WS1B	HP2-WS1A,B	HP5-WS1B	
Matrix	W	W	W	
Compound	Concentration*			
Bromodichloromethane	ND< 5	ND	ND< 50	
Bromoform(b)	ND< 5	ND	ND< 50	
Bromomethane	ND< 5	ND	ND< 50	
Carbon Tetrachloride(c)	ND< 5	ND	ND< 50	
Chlorobenzene	ND< 5	ND	ND< 50	
Chloroethane	ND< 5	ND	ND< 50	
2-Chloroethyl Vinyl Ether(d)	ND< 5	ND	ND< 50	
Chloroform(e)	ND< 5	ND	ND< 50	
Chloromethane	ND< 5	ND	ND< 50	
Dibromochloromethane	ND< 5	ND	ND< 50	
1,2-Dichlorobenzene	ND< 5	ND	ND< 50	
1,3-Dichlorobenzene	ND< 5	ND	ND< 50	
1,4-Dichlorobenzene	ND< 5	ND	ND< 50	
Dichlorodifluoromethane	ND< 5	ND	ND< 50	
1,1-Dichloroethane	ND< 5	0.63	~~ND< 50~~	
1,2-Dichloroethane	ND< 5	0.56	ND< 50	
1,1-Dichloroethene	~~ND< 5~~	ND	~~ND< 50~~	
cis 1,2-Dichloroethene	190	24	360	
trans 1,2-Dichloroethene	ND< 5	ND	ND< 50	
1,2-Dichloropropane	ND< 5	ND	ND< 50	
cis 1,3-Dichloropropene	ND< 5	ND	ND< 50	
trans 1,3-Dichloropropene	ND< 5	ND	ND< 50	
Methylene Chloride(f)	ND< 5	ND	ND< 50	
1,1,2,2-Tetrachloroethane	ND< 5	ND	ND< 50	
Tetrachloroethene	ND< 5	3.0	ND< 50	
1,1,1-Trichloroethane	ND< 5	ND	ND< 50	
1,1,2-Trichloroethane	ND< 5	ND	~~ND< 50~~	
Trichloroethene	24	3.0	3000	
Trichlorofluoromethane	~~ND< 5~~	ND	~~ND< 50~~	
Vinyl Chloride(g)	7.8	2.1	ND< 50	
% Recovery Surrogate	87	89	86	
Comments			i	

* water and vapor samples are reported in ug/L, soil samples in ug/kg and all TCLP extracts in ug/L.
Reporting limit unless otherwise stated: water/TCLP extracts, ND< 0.5ug/L; soil, ND< 5ug/kg
ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis
(b) tribromomethane; (c) tetrachloromethane; (d) (2-chloroethoxy) ethene; (e) trichloromethane; (f) dichloromethane; (g) chloroethene; (h) a lighter than water immiscible sheen is present; (i) liquid sample that contains greater than ~ 5 vol. % sediment.

DHS Certification No. 1644

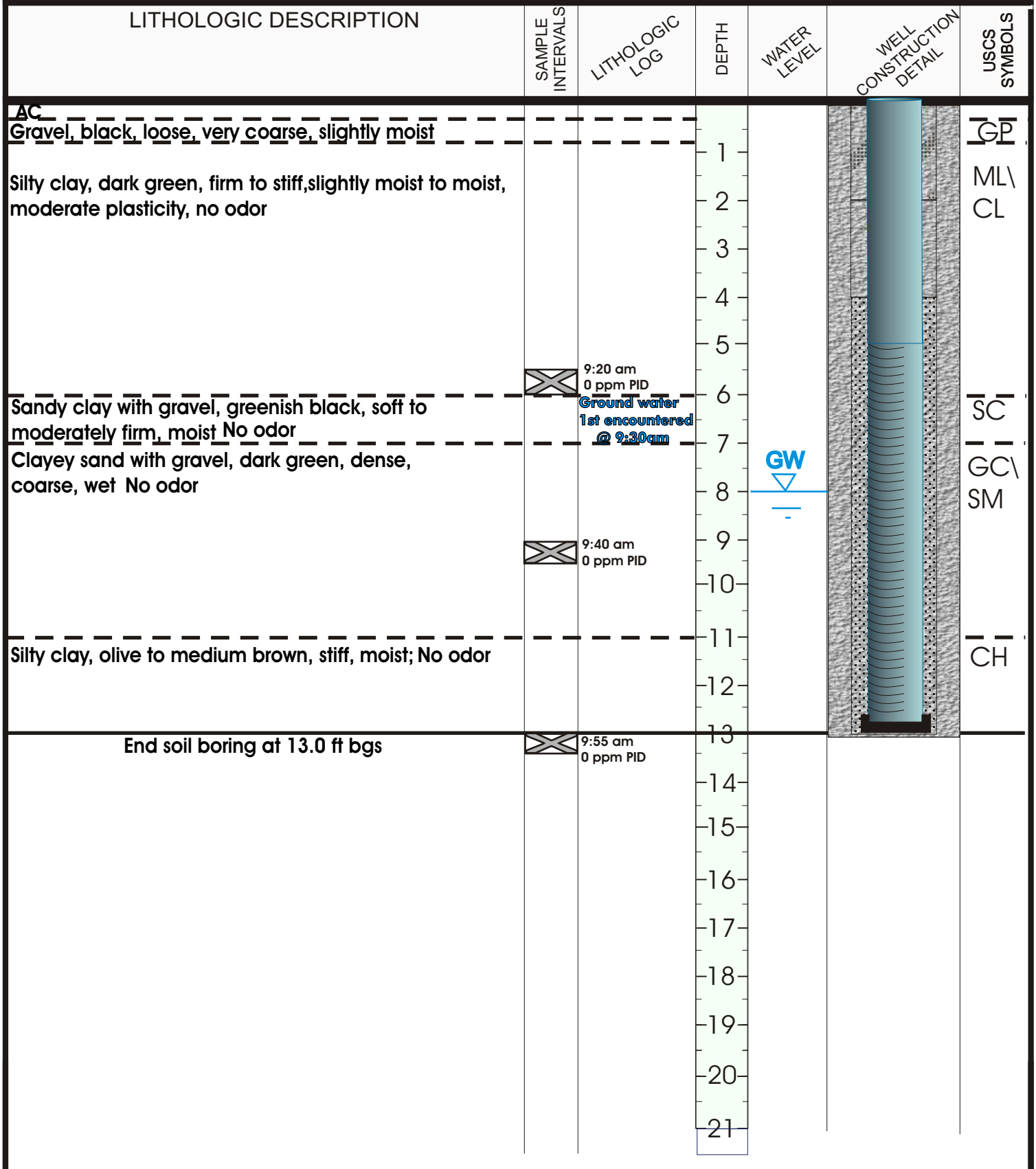
Edward Hamilton, Lab Director

Appendix D

Soil Boring Logs & Well Details

EXPLORATORY BORING LOG

DRILL COMPANY: Woodward	SURFACE ELEVATION:	LOGGED BY: Frank Goldman
DEPTH TO GROUNDWATER: Approx. 8.0 ft bgs	BORING DIAMETER: 8 inches	DRILLING METHOD: HSA

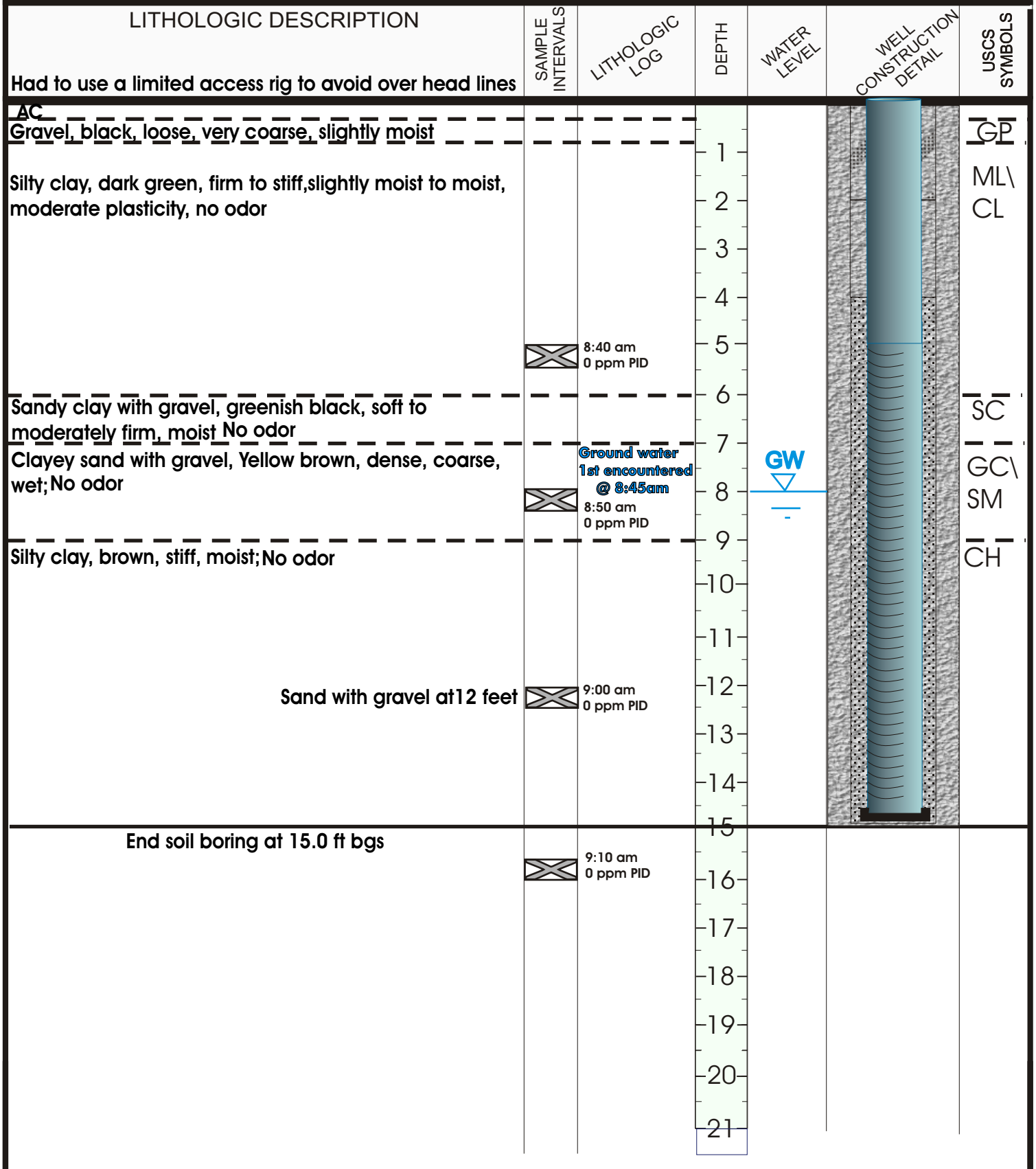


BORING/Well NO. MW-5
DATE: December 26, 2007

Acts Community Development
1001 77th , Avenue, Oakland, CA

EXPLORATORY BORING LOG

DRILL COMPANY: Woodward	SURFACE ELEVATION:	LOGGED BY: Frank Goldman
DEPTH TO GROUNDWATER: Approx. 8.0 ft bgs	BORING DIAMETER: 8 inches	DRILLING METHOD: HSA

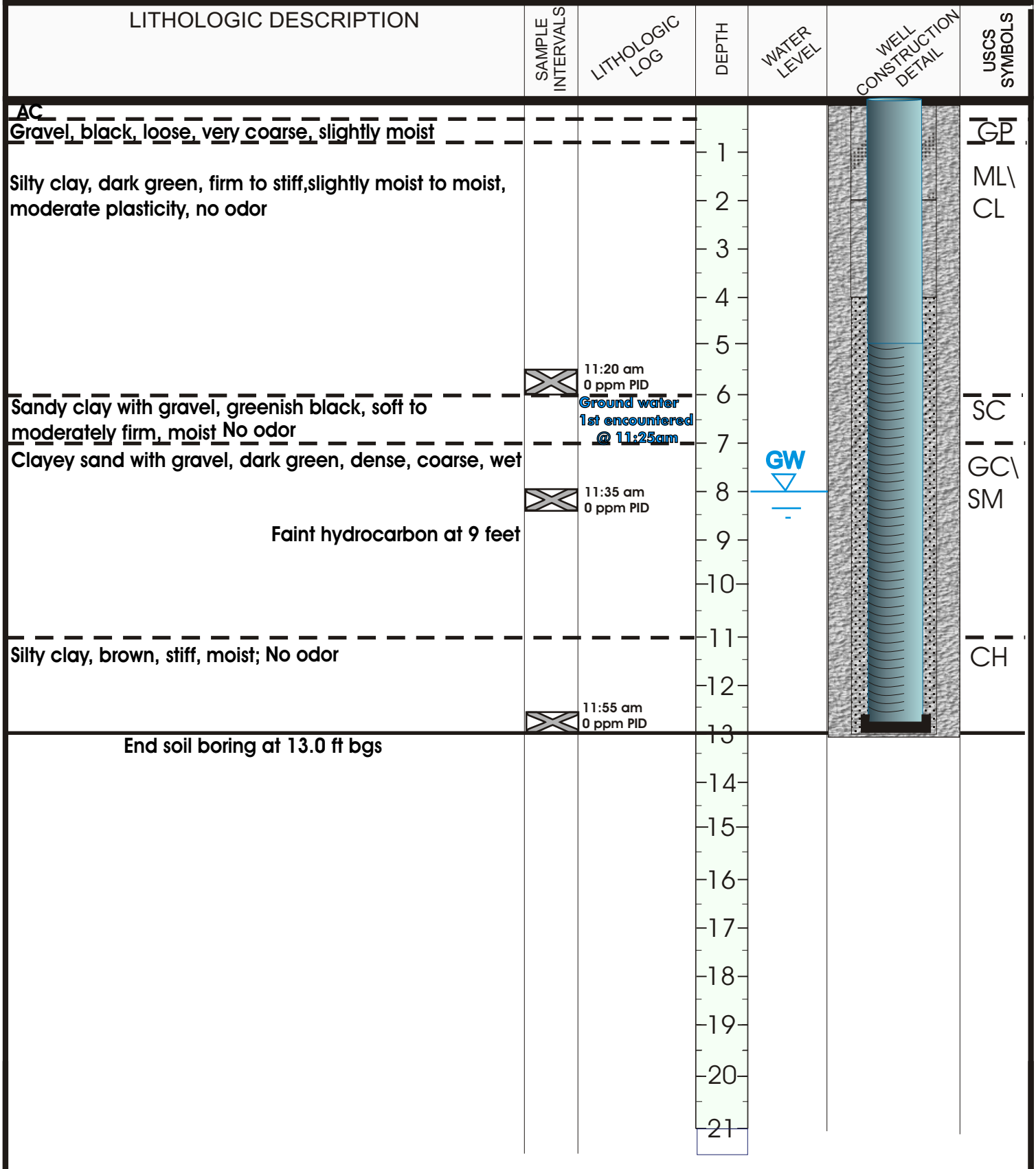


BORING/Well NO. MW-6
DATE: December 27, 2007

Acts Community Development
1001 77th , Avenue, Oakland, CA

EXPLORATORY BORING LOG

DRILL COMPANY: Woodward	SURFACE ELEVATION:	LOGGED BY: Frank Goldman
DEPTH TO GROUNDWATER: Approx. 8.0 ft bgs	BORING DIAMETER: 8 inches	DRILLING METHOD: HSA



BORING/Well NO. MW-7
DATE: December 26, 2007

Acts Community Development
1001 77th , Avenue, Oakland, CA

Appendix E

Well Development Logs
by Blaine Tech

WELL GAUGING DATA

Project # 080107-DW-1 Date 1-7-08 Client Frank Goldman

Site 1001 77th Ave Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
mw-5	1025	2					5.55	15.08		
mw-6	0937	2					6.81	14.49		
mw-7	0830	2					5.75	15.25		

WELLHEAD INSPECTION CHECKLIST

Date 1-7-08 Client Frank Goldman

Site Address 1001 77th Ave Oakland

Job Number 080107-DW-1 Technician DW

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-5	X							
MW-6		X	missing 1 bolt					
MW-7		X						

NOTES:

WELL DEVELOPMENT DATA SHEET

Project #: 080107-DW-1	Client: Frank Goldman
Developer: DW	Date Developed: 1-7-08
Well I.D. MW-5	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 15.08 After 15.15	Depth to Water: Before 5.55 After 5.93
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

1.5	X	10	=	15
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☒ Positive Air Displacement

Type of Installed Pump ___
Other equipment used 2" surge block

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
1044	60.8	7.0	1059	>1000	1.5	Surged well = 15 min
1046	62.5	6.9	940	>1000	3.0	Brown/silty
1048	63.3	6.8	856	>1000	4.5	" "
1050	63.7	6.7	852	>1000	6.0	" "
1052	63.9	6.7	805	>1000	7.5	" "
1054	64.1	6.7	777	>1000	9.0	" "
1056	64.4	6.7	768	>1000	10.5	"
1058	64.0	6.7	757	>1000	12.0	Lighter
1100	64.0	6.7	754	>1000	13.5	
1102	64.2	6.7	751	>1000	15.0	Hard bottom
						ORP = 133
						TDS = 493
						DO = 0.5
Did Well Dewater? NO		If yes, note above.		Gallons Actually Evacuated:		15

WELL DEVELOPMENT DATA SHEET

Project #: 080107-DW-1	Client: Frank Goldman
Developer: DW	Date Developed: 1-7-08
Well I.D. MW-6	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 14.49 After 14.52	Depth to Water: Before 6.81 After 7.11
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

1.2	X	10	=	12
1 Case Volume		Specified Volumes		gallons

Purging Device:

- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☑ Positive Air Displacement

Type of Installed Pump _____

Other equipment used 2" surge block

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0954	58.0	6.9	946	>1000	1.2	Surged well = 15 min
0956	59.9	6.8	996	>1000	2.4	Brown / silty
0959	60.7	6.7	921	>1000	3.6	" "
1001	61.1	6.7	864	>1000	4.8	" "
1003	62.0	6.7	835	>1000	6.0	" "
1005	61.9	6.7	810	>1000	7.2	" "
1007	61.9	6.7	800	>1000	8.4	Lighter
1008	62.4	6.6	797	>1000	9.6	"
1010	62.4	6.6	792	>1000	10.8	"
1012	62.3	6.6	788	>1000	12.0	Hard bottom
						ORP = 128
						TDS = 520
						DO = 0.3

Did Well Dewater? NO	If yes, note above.	Gallons Actually Evacuated:	12

WELL DEVELOPMENT DATA SHEET

Project #: 080107-DW-1	Client: Frank Goldmer
Developer: DW	Date Developed: 1-7-08
Well I.D. MW-7	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 15.25 After 15.27	Depth to Water: Before 5.75 After 6.21
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
$\{12 \times (d^2/4) \times \pi\} / 231$	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

1.5	X	10	=	15
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☑ Positive Air Displacement

Type of Installed Pump ___

Other equipment used 2" Surge block

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
0853	58.7	7.6	1238	>1000	1.5	Surged well = 15 min
0855	62.1	7.2	918	>1000	3.0	Brown / silty
0857	62.8	6.8	783	>1000	4.5	" "
0900	63.1	6.8	736	>1000	6.0	" "
0902	63.9	6.7	718	>1000	7.5	" "
0905	63.6	6.7	700	>1000	9.0	" "
0907	63.5	6.7	693	>1000	10.5	Lighter brown
0910	63.5	6.7	685	>1000	12.0	
0913	63.7	6.7	684	>1000	13.5	Less silt
0916	63.6	6.7	681	>1000	15.0	Hard bottom
				post-purge		ORP 94
						TDS 448
						DO 0.4

Did Well Dewater? NO	If yes, note above.	Gallons Actually Evacuated:	15.0

SPH or Purge Water Drum Log

Client: Frank Goldman

Site Address: 1001 77th Ave., OAKLAND

STATUS OF DRUM(S) UPON ARRIVAL						
Date	3/2/07	1-7-08				
Number of drum(s) empty:	Ø	1				
Number of drum(s) 1/4 full:		1				
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:	6 *	11				
Total drum(s) on site:		13				
Are the drum(s) properly labeled?	Y	NO				
Drum ID & Contents:		Soil				
If any drum(s) are partially or totally filled, what is the first use date:						

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.

-If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.

-All BTS drums MUST be labeled appropriately. * SOIL BORINGS

STATUS OF DRUM(S) UPON DEPARTURE						
Date	3/2/07	1-7-08				
Number of drums empty:	Ø	1				
Number of drum(s) 1/4 full:		2				
Number of drum(s) 1/2 full:						
Number of drum(s) 3/4 full:						
Number of drum(s) full:	6* 1	12				
Total drum(s) on site:	7	15				
Are the drum(s) properly labeled?	Y					
Drum ID & Contents:						

LOCATION OF DRUM(S)
Describe location of drum(s): against fencing in front of 1001 77th. *(6) SOIL DRUMS - NOT BTS

FINAL STATUS						
Number of new drum(s) left on site this event	1	2				
Date of inspection:	3/2/07	1-7-08				
Drum(s) labelled properly:	Y	Y				
Logged by BTS Field Tech:	SJ	DW				
Office reviewed by:						

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME				PROJECT NUMBER 080107-0w-1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
Myron L Ultrameter	617813	1-7-08 0800	conductivity 3900 µs	3829 µs	3900 µs	53.3	DW
↓	↓	↓	pH 4.0 7.0 10.0	3.83 7.11 9.99	4.00 7.00 10.00	53.4	DW
Hach 2100P Turbidimeter	21026	↓	Turbidity 20 100	19.5 99.9	—	—	DW

WELL GAUGING DATA

Project # 080107-DW-1 Date 1-7-08 Client Frank Goldman

Site 1001 77th Ave Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	1222	2					3.83	12.65		
MW-2	1205	2					3.43	12.64		
MW-3	1141	2					6.46	12.67		
MW-4	1120	2					5.67	12.65		

WELLHEAD INSPECTION CHECKLIST

Date 1-7-08 Client Frank Goldman

Site Address 1001 77th Ave Oakland

Job Number 080107-OW-1 Technician DL

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
mw-1	X							
mw-2	X							
mw-3	X							
mw-4	X							

NOTES: _____

WELL MONITORING DATA SHEET

Project #: 080107-DW-1	Client: Frank Goldman
Sampler: DW	Date: 1-7-08
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 12.65	Depth to Water (DTW): 3.83
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; Disposable Bailer; X Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.4 (Gals.) X	3	=	4.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1227	65.3	6.7	871	>1000	1.4	Brown
1228	65.4	6.6	866	>1000	2.8	"
1230	65.4	6.6	865	>1000	4.2	"
						ORP = 111
						TDS = 970
						DO = 0.12

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Kiff CalScience Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 080107-DW-1	Client: Frank Goldman
Sampler: DW	Date: 1-7-08
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 12.64	Depth to Water (DTW): 3.43
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; Disposable Bailer; X Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.5 (Gals.) X 3 = 4.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1210	61.8	6.7	879	>1000	1.5	Brown
1212	63.0	6.8	865	>1000	3.0	"
1214	63.9	6.7	862	>1000	4.5	"
						ORP = 98
						TDS = 570 DO = 0.1

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:	Laboratory: Kiff CalScience Other_____		
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:			
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):		
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:			
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

WELL MONITORING DATA SHEET

Project #: 080107-DW-1	Client: Frank Goldman
Sampler: DW	Date: 1-7-08
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 12.67	Depth to Water (DTW): 6.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; Disposable Bailer; X Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1 Case Volume	Specified Volumes	Calculated Volume
1 (Gals.) X	3	= 3 Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1146	60.9	6.6	913	>1000	1	Brown
1147	61.9	6.5	926	>1000	2	"
1148	61.9	6.5	931	>1000	3	"
						ORP = 38
						TDS = 619
						DO = 0.1

Did well dewater? Yes (No) Gallons actually evacuated: 3

Sampling Date:		Sampling Time:		Depth to Water:	
Sample I.D.:		Laboratory:	Kiff CalScience	Other	
Analyzed for:	TPH-G BTEX MTBE TPH-D	Oxygenates (5)	Other:		
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):			
Analyzed for:	TPH-G BTEX MTBE TPH-D	Oxygenates (5)	Other:		
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:		mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

WELL MONITORING DATA SHEET

Project #: 080107-DW-1	Client: Frank Goldman
Sampler: DW	Date: 1-7-08
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 12.65	Depth to Water (DTW): 5.67
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer; Disposable Bailer; X Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: ~~Bailer~~; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

1.1 (Gals.) X	3	=	3.3 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1124	63.5	6.8	853	>1000	1.1	gray
1126	65.7	6.8	858	>1000	2.2	"
1128	66.0	6.8	855	>1000	3.3	"
						ORP = -118
						TDS = 565 DO = 0.1

Did well dewater? Yes (No)		Gallons actually evacuated: 3.3	
Sampling Date:	Sampling Time:	Depth to Water:	
Sample I.D.:		Laboratory: Kiff CalScience Other_____	
Analyzed for: TPH-G BTEX MTBE TPH-D		Oxygenates (5) Other:	
EB I.D. (if applicable):	@ Time	Duplicate I.D. (if applicable):	
Analyzed for: TPH-G BTEX MTBE TPH-D		Oxygenates (5) Other:	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

Appendix F

Well Purging Logs

Appendix F

Well Purging Logs - Acts Community Development

1001 77th Avenue, Oakland, CA Janaury 14, 2008

MW-5	DTW 5.91'	Gallons purged	TEMP F (Circle One)	EC (us/cm)	PH	TIME	01-14-08
		2.5	64.0	811	6.8	6:25 am	
		2.5	64.4	801	6.7	6:45	
		2.0	64.8	778	6.7	7:15 am	

MW-1	DTW 3.84'	Gallons purged	TEMP F (Circle One)	EC (us/cm)	PH	TIME	01-14-08
		2.5	65.9	920	6.7	11:30 am	
		2.5	65.8	910	6.6	11:45	
		2.5	65.2	890	6.6	12:00 pm	

MW-6	DTW 6.90'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	01-14-08
		2.5	62.1	830	6.8	7:50 am	
		2.5	62.8	821	6.7	8:10	
		2.5	63.1	810	6.6	8:35 am	

MW-2	DTW 3.60'	Gallons purged	TEMP C/F (Circle One)	EC (us/cm)	PH	TIME	01-14-08
		2.5	63.1	902	6.8	1:45 pm	
		2.5	63.8	899	6.7	1:55	
		2.5	64.1	881	6.6	2:10 pm	

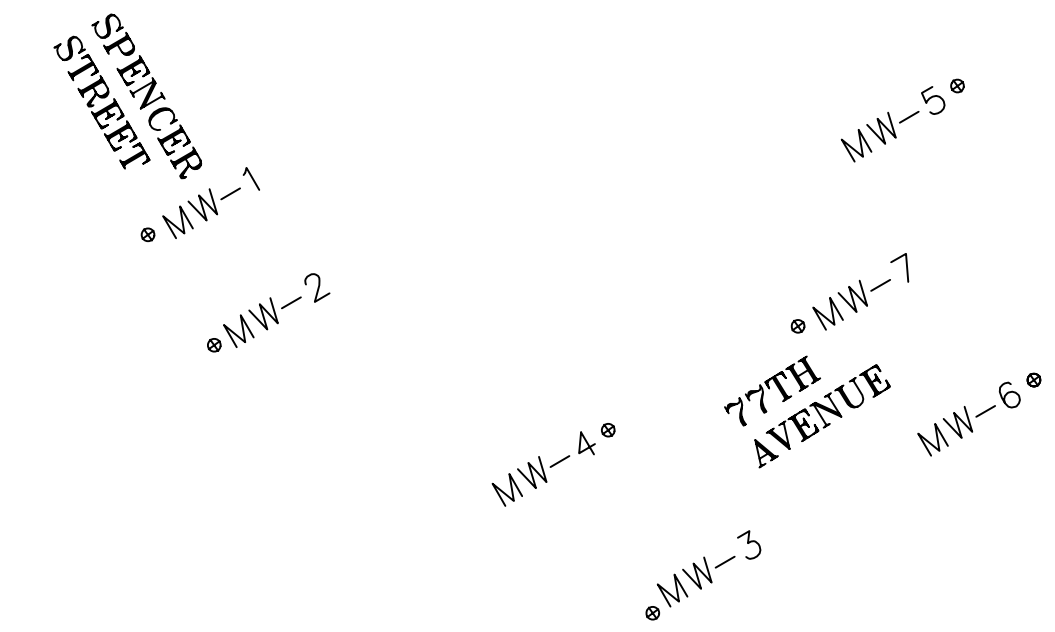
MW-7	DTW 6.03'	Gallons purged	TEMP F (Circle One)	EC (us/cm)	PH	TIME	01-14-08
		2.5	62.6	742	6.9	9:15 am	
		2.5	63.1	731	6.7	9:35	
		2.5	64.1	699	6.7	9:50 am	

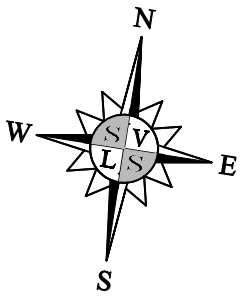
MW-4	DTW 5.85'	Gallons purged	TEMP F (Circle One)	EC (us/cm)	PH	TIME	01-14-08
		2.5	66.7	869	6.8	3:30 pm	
		2.5	66.2	853	6.8	3:45	
		2.5	65.4	845	6.8	3:55 pm	

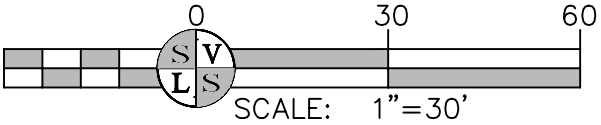
MW-3	DTW 6.58'	Gallons purged	TEMP F (Circle One)	EC (us/cm)	PH	TIME	01-14-08
		2.5	60.6	976	6.7	10:00 am	
		2.5	61.1	967	6.7	10:10	
		2.5	62.0	955	6.6	10:15 am	

Appendix G

Certified Land Survey, Plat Map, & Data







PLAT OF SURVEYED MONITORING WELLS
1001 77TH AVE., OAKLAND, CALIF.

SCALE:	1"= 30'
DESIGN BY:	TR
DRAWN BY:	AA
CHECK BY:	

SILICON VALLEY LAND SURVEYING, INC.
LAND AND ENGINEERING SURVEYS
1093 NORTH FIFTH ST., SAN JOSE, CA 95112
TEL. (408) 971-3800 FAX (408) 971-8501

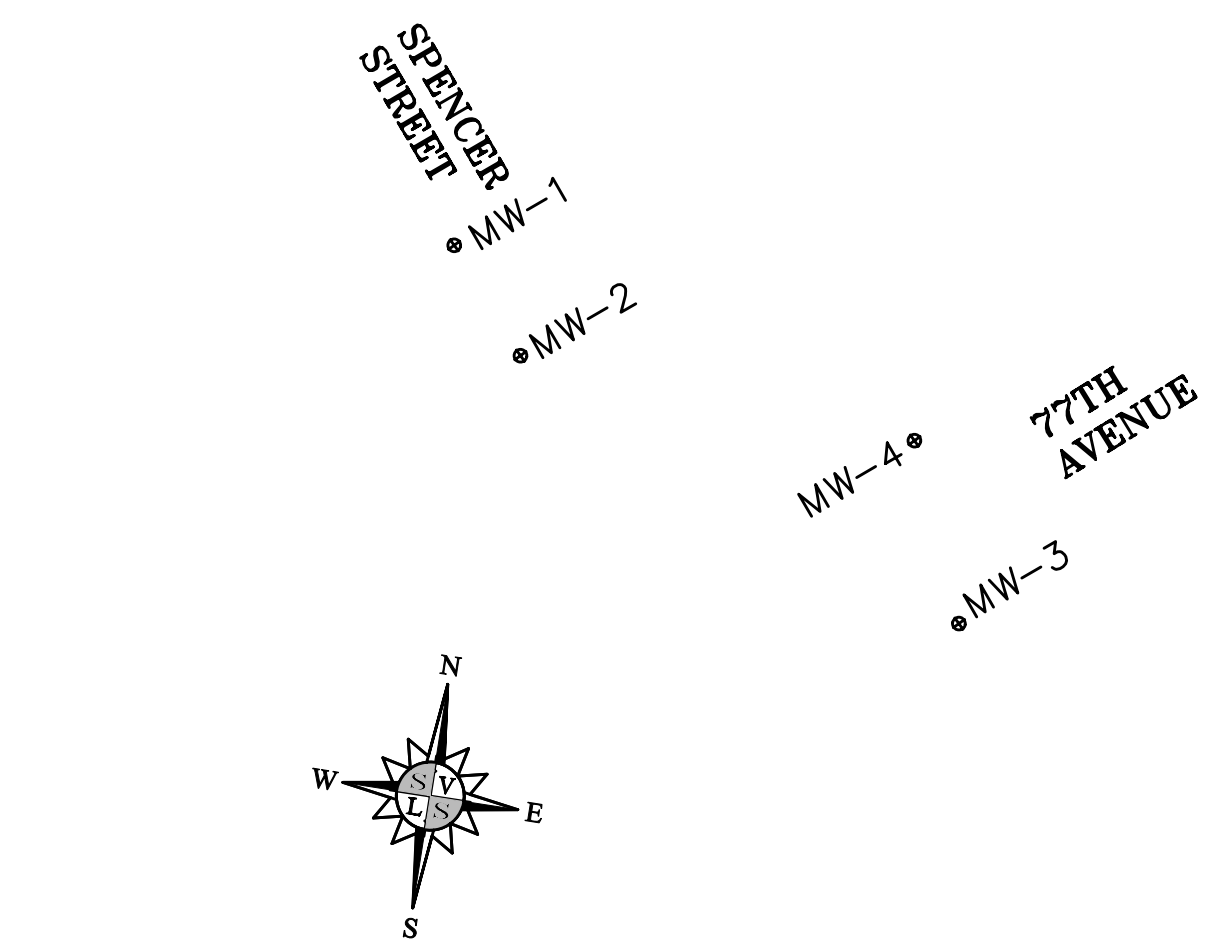
DATE:	1/07/08
SURV. DATE	12/28/07
JOB NO:	07-0310
SHEET	1 OF 1 SHEETS

GeoTracker_XY Report for
Monitoring Wells Surveyed at 1001 77th Street, Oakland, CA.
by Silicon Valley Land Surveying, Inc. for ACTS Community Development

FIELD_PT_NAME	XY_SURVEY_DATE	LATITUDE	LONGTITUDE	XY_METHOD	XY_DATUM	XY_ACC_VAL	XY_SURVEY_ORG	GPS_EQUIP_TYPE
MW-5	12/28/2007	37.7539230	122.1902054	CGPS	NAD83	2	Silicon Valley Land Surveying Inc.	L530
MW-6	12/28/2007	37.7538043	122.1901373	CGPS	NAD83	2	Silicon Valley Land Surveying Inc.	L530
MW-7	12/28/2007	37.7538096	122.1902679	CGPS	NAD83	2	Silicon Valley Land Surveying Inc.	L530

GeoTracker_Z Report for
Monitoring Wells Surveyed at 1001 77th Street, Oakland, CA.
by Silicon Valley Land Surveying, Inc. for ACTS Community Development

GLOBAL_ID	FIELD_PT_NAME	ELEV_SURVEY_DATE	ELEVATION	ELEV_METHOD	ELEV_DATUM	ELEV_ACC_VAL	ELEV_SURVEY_ORG	RISER_HT	ELEV_DESC
	MW-5	12/28/2007	12.912	DIG	88	2	Silicon Valley Land Surveying Inc.	-0.30	NGS BM AA3814 NAVD 88
	MW-6	12/28/2007	13.16	DIG	88	2	Silicon Valley Land Surveying Inc.	-0.46	NGS BM AA3814 NAVD 88
	MW-7	12/28/2007	12.575	DIG	88	2	Silicon Valley Land Surveying Inc.	-0.28	NGS BM AA3814 NAVD 88



PLAT OF SURVEYED MONITORING WELLS
1001 77TH AVE., OAKLAND, CALIF.

SCALE:	1"= 30'
DESIGN BY:	TR
DRAWN BY:	PW
CHECK BY:	

SILICON VALLEY LAND SURVEYING, INC.
LAND AND ENGINEERING SURVEYS
1093 NORTH FIFTH ST., SAN JOSE, CA 95112
TEL. (408) 971-3800 FAX (408) 971-8501

DATE:	4/16/07
SURV. DATE	04/11/07
JOB NO:	07-0310
SHEET	1 OF 1 SHEETS

GeoTracker_XY Report for
Monitoring Wells Surveyed at 1001 77th Street, Oakland, CA.
by Silicon Valley Land Surveying, Inc. for ACTS Community Development

FIELD_PT_NAME	XY_SURVEY_DATE	LATITUDE	LONGTITUDE	XY_METHOD	XY_DATUM	XY_ACC_VAL	XY_SURVEY_ORG	GPS_EQUIP_TYPE
MW-1	4/11/2007	37.7538002	122.1906224	GPS	NAD83	2	Silicon Valley Land Surveying Inc.	L530
MW-2	4/11/2007	37.7537584	122.1905768	GPS	NAD83	2	Silicon Valley Land Surveying Inc.	L530
MW-3	4/11/2007	37.7536776	122.1903185	GPS	NAD83	2	Silicon Valley Land Surveying Inc.	L530
MW-4	4/11/2007	37.7537516	122.1903592	GPS	NAD83	2	Silicon Valley Land Surveying Inc.	L530

GeoTracker_Z Report for
Monitoring Wells Surveyed at 1001 77th Street, Oakland, CA.
by Silicon Valley Land Surveying, Inc. for ACTS Community Development

GLOBAL_ID	FIELD_PT_NAME	ELEV_SURVEY_DATE	ELEVATION	ELEV_METHOD	ELEV_DATUM	ELEV_ACC_VAL	ELEV_SURVEY_ORG	RISER_HT	ELEV_DESC
	MW-1	4/11/2007	11.59	DIG	88	2	Silicon Valley Land Surveying Inc.	-0.26	NGS BM AA3814 NAVD 88
	MW-2	4/11/2007	11.28	DIG	88	2	Silicon Valley Land Surveying Inc.	-0.50	NGS BM AA3814 NAVD 88
	MW-3	4/11/2007	12.78	DIG	88	2	Silicon Valley Land Surveying Inc.	-0.59	NGS BM AA3814 NAVD 88
	MW-4	4/11/2007	12.18	DIG	88	2	Silicon Valley Land Surveying Inc.	-0.36	NGS BM AA3814 NAVD 88