



## PRELIMINARY SITE CHARACTERIZATION

*Former Service Station Facility  
7600 MacArthur Boulevard  
Oakland, California*

Prepared For:

Ms. Hong Nguyen Gardner  
1501 23<sup>rd</sup> Avenue  
Oakland, California 94606

Prepared By:

Golden Gate Tank Removal, Inc.  
3730 Mission Street  
San Francisco, CA 94110

GGTR Project No. 8894  
October 19, 2007

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Brent Wheeler  
Project Manager

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Eugenio Diaz  
Project Geologist

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## INTRODUCTION

### Purpose

As per the request of Inspector Keith Matthews of the Oakland Fire Department - Hazardous Materials Unit (OFD-HMU), Golden Gate Tank Removal, Inc. (GGTR) has conducted a preliminary site characterization to assess the impact of petroleum hydrocarbons to soil in the vicinity of the underground storage tanks (UST) and hydraulic lifts reportedly removed in January 2007 from the former service station facility located at 7600 MacArthur Boulevard in Oakland, California (the Site). The following sections discuss the activities and findings of the preliminary site characterization conducted at the Site on October 3, 2007.

### Site Location and Description

The Site is located at 7600 MacArthur Boulevard, at the northeast corner of the intersection of MacArthur Blvd. and 76<sup>th</sup> Avenue in Oakland, California (Alameda County). The Site is currently a vacant lot that lies approximately 0.8 mile west of Interstate 580 and approximately 2.3 miles northeast of Interstate 880 and the San Francisco Bay. The attached Figure 1 depicts the general Site location.

The Site is relatively flat lying, slightly sloping to the west-southwest with an estimated grade surface elevation of approximately 92 feet above Mean Sea Level (MSL; Figure 1). The topographic relief in the immediate vicinity of the Site is also generally directed toward the west-southwest, toward the San Francisco Bay. Regional topographic relief appears to be directed toward the west-southwest, in the general direction of the San Francisco Bay that connects to the Oakland Inner Harbor. One 1,000-gallon UST (#1) was reportedly located in the central northwest half of the property. The tank was reportedly constructed of single wall bare steel measuring approximately 10 feet in length by 4 feet in diameter. In addition, one 300-gallon UST (#2) was reportedly located beneath the sidewalk along the MacArthur Blvd. frontage of the Site. This tank was also reportedly constructed of single wall bare steel, measuring approximately 6 feet in length by 3 feet in diameter. Both tanks reportedly contained gasoline and were filled with concrete (circa 1970) and subsequently removed in January 2007. A set of hydraulic lifts was reportedly located centrally in the northeast portion of the Site (personal communication by Mrs. Gardner) and was removed in January 2007. Figure 2 depicts the approximate former location of the USTs and hydraulic lifts.

### Site Geology and Hydrogeology

Based on the Geologic Map of the San Francisco-San Jose Quadrangle published by the California Department of Conservation, the Site is underlain by Sand and Quaternary Alluvium and possibly marine sandstone, greenstones, shale, conglomerates, and cherts of the Mesozoic Franciscan Complex (thicknesses not established). The map also indicates that the Site lies approximately on top of the trace of the Hayward Fault Zone.

Native subsurface soil observed at the Site during the GGTR site reconnaissance on July 25, 2007 and field activities on October 3, 2007, was predominantly silty clay to silty sand with some fine-grained gravel to approximately 13 feet below grade surface (fbg). Groundwater at the Site is estimated to be approximately less than 25 (fbg) based on topography and proximity to the San Francisco Bay, and a cursory review of groundwater data from surrounding sites, as provided by on the State Water Resources Control Board's Geotracker database. The regional groundwater flow in the vicinity of the Site is assumed to be towards the west-southwest, in the direction of the San Francisco Bay, and generally following the natural topographic relief of the area (Figure 1).

The site is in the East Bay Plain groundwater basin according to the San Francisco Bay Basin Water Quality Control Plan prepared by the California Regional Water Quality Control Board – Region 2 (CRWQCB, 1995). Groundwater in this basin is designated beneficial for municipal and domestic water supply and industrial process, service water, and agricultural water supply. The nearest surface water body is Arroyo Viejo Creek, flowing generally southwest to the Oakland Inner Harbor and located approximately 0.4 mile southwest and presumably down-gradient of the site (Figure 1).

## **SITE INVESTIGATION**

### **Pre-Field Activities**

On September 20, 2007, GGTR received approval via e-mail from Inspector Keith Matthews of the OFD-HMU to proceed with the preliminary Site characterization outlined in the Work Plan (GGTR, 2007). On September 21, 2007, GGTR visited the Site and outlined the proposed work areas in white surface paint and subsequently notified Underground Service Alert (USA) to locate and mark any subsurface utilities extending through the designated work areas. GGTR also met with Mr. Matthews on September 28, 2007 for a Site walk to confirm the soil sampling locations. GGTR contacted the Alameda County Public Works Agency and was informed that no permit was required for hand augering activities.

GGTR prepared a Site Health and Safety Plan as required by the California Occupational Health and Safety Administration (Cal-OSHA) Title 8, 5192 Hazardous Waste Operations and Emergency Response and the U.S. Occupational Health and Safety Administration (OSHA) 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response.

## **Preliminary Site Characterization Activities**

### **Preliminary Site Inspection**

GGTR conducted a thorough visual property inspection and magnetometer survey to determine whether additional UST or other anomalies existed beneath the sidewalk/parking lanes along both street frontages of the Site. At this time, GGTR did not find any indications of the existence of an additional UST beneath the street frontages of the property. A locked fence surrounding the property inhibited GGTR from accessing the site. The magnetometer survey can detect metal structures buried within the first 2 fbg.

### **Soil Boring Locations**

GGTR advanced four (4) hand auger soil borings (B-1, B-2, B-3 and B-4) in the direct vicinity of the reported locations of the former USTs and hydraulic lifts, to define the vertical extent of potential soil contamination at the Site. Soil borings B-1 and B-2 were advanced to evaluate potential contamination in the unsaturated soil zone beneath the former 1,000-gallon UST location. Soil boring B-3 was advanced to assess potential contamination in the unsaturated soil zone beneath the area of the former hydraulic lift(s) location. Soil boring B-4 was drilled to assess potential contamination in the unsaturated soil zone beneath the former 300-gallon UST location. Figure 2 depicts the soil boring locations.

GGTR advanced soil borings B-1 and B-2 to a total depth of 13 fbg and were located adjacent to the northwest and southeast end of former 1,000-gal UST location, respectively. Soil boring B-3 was advanced to a total depth of 9 fbg in the northeast area of the former hydraulic lifts location. Soil boring B-4 was advanced to a total depth of 11 fbg beneath the center of the former 300-gal UST location.

### **Drilling & Soil Sampling Activities**

Utilizing a backhoe equipped with a 2-foot wide bucket, GGTR excavated a pothole at boring location B-1 and B-2 to approximately 9 fbg (presumed depth of bottom of former 1,000-gallon UST) to remove any overlying slough material generated during the UST removal activities. Then, GGTR manually drilled soil borings B-1 and B-2 using a 3-inch diameter hand auger to a total depth of 13 fbg. Two discrete soil samples were collected from each boring at approximately 11 and 13 fbg. The soil consisted predominantly of Silty Clay (CL) 10YR3/4 dark yellowish brown. Groundwater was not encountered at boring locations B-1 or B-2. The soil did not appear stained and no hydrocarbon odor was noted during soil sampling activities. Figure 2 shows soil boring locations B-1 and B-2. During excavation and drilling activities at B-2, GGTR uncovered 2 one-inch diameter and one 2-inch diameter pipes running across the excavation in a southeast – northwest direction. GGTR also uncovered a 4-inch diameter pipe running in the same direction as the previous piping, but was cut in the center of the existing excavation. At this time, it is not conclusive whether these pipes are product lines associated with the former 1,000 – gallon UST. Figure 3 depicts photographs of the underground piping.

Also utilizing a backhoe, GGTR excavated a pothole at boring location B-3 to approximately 6.5 fbg (presumed depth of the bottom of a typical hydraulic lift) to remove any overlying slough material generated during the hydraulic lifts removal activities. Then, GGTR manually drilled soil boring B-3 using a 3-inch diameter hand auger to a total depth of 9 fbg. Two discrete soil samples were collected from B-3 at approximately 7 and 9 fbg. The soil samples consisted predominantly of Silty Sand (SM) 5Y3/2 dark olive gray. Both soil samples were stained and contained strong hydrocarbon odor. No groundwater was observed in B-3. Figure 2 depicts soil boring location B-3.

GGTR drilled a 6-inch diameter by 5-inch thick concrete core through the sidewalk at soil boring location B-4. Then, GGTR manually drilled soil boring B-4 using a 3-inch diameter hand auger to a total depth of 11 fbg. From 0.5 fbg to approximately 5 fbg the soil consisted of Sans (SP) 10YR5/2 grayish brown, fine grained, poorly graded. At 5 fbg, GGTR encountered a 4-inch diameter pipe that was not identified by USA. Based on the presumed depth of the bottom of the former UST at 7 fbg, GGTR collected two discrete soil samples from B-4 at approximately 9 and 11 fbg. These soil samples consisted of Silty Clay (CL) 5Y3/2 dark olive gray. Both samples were stained with strong hydrocarbon odors. GGTR did not observe staining or hydrocarbon odors in the sand overlying the pipe. Groundwater was not encountered at soil boring B-4. Figure 2 depicts the location of B-4 and the location and orientation of the unknown pipe.

#### **Stockpile Soil Sampling**

GGTR collected 2 four-point composite soil samples for analysis and characterization of the soil stockpiles for offsite transport/disposal or potential onsite reuse for excavation backfill. One composite soil sample was collected from the UST excavation stockpile and labeled *Composite 1*. The other composite soil sample was collected from the existing imported soil stockpile and labeled *Composite 2*. Figure 2 depicts the approximate location of the composite soil samples.

#### **Backfilling Activities**

Immediately following soil sampling, GGTR backfilled the potholes at soil boring locations B-1, B-2 and B-3 with the excavated soil and properly compacted them. During restoration activities, GGTR backfilled soil boring B-3 with neat Portland cement up to approximately 0.5 fbg and concrete to grade surface.

#### **Soil Sample Analysis**

All soil samples retained for laboratory analysis were sealed with Teflon and plastic end caps, appropriately labeled, and transferred to a cooler chilled to approximately 4° Centigrade. On October 4, 2007, GGTR submitted the soil samples to Entech Analytical Labs, Inc. (CAL ELAP# 2346) of Santa Clara, California, under formal chain-of-custody protocol for the required analyses.

In general accordance with the approved work plan, soil samples collected from soil boring B-1, B-2 and B-4 were analyzed for the following constituents:

- Total Petroleum Hydrocarbons as Diesel (TPH-D) w/ Silica Gel Cleanup by EPA Method 3545A/3630C/8015B(M).
- Total Petroleum Hydrocarbons as Motor Oil (TPH-MO) w/ Silica Gel Cleanup by EPA Method 3545A/3630C/8015B(M).
- Total Petroleum Hydrocarbons as Gasoline (TPH-G) by EPA Method 5030B/GC/MS.
- Volatile Organic Compounds (VOCs), including Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX) and Fuel Oxygenates by EPA Method 5030B/8260B
- LUFT 5 Metals (cadmium, chromium, lead, nickel, and zinc) by EPA Method 3050B/6010B

The soil samples collected from soil boring B-3 were analyzed for the following constituents:

- TPH-D w/ Silica Gel Cleanup by EPA Method 3545A/3630C/8015B(M).
- TPH-MO w/ Silica Gel Cleanup by EPA Method 3545A/3630C/8015B(M).

The stockpile composite soil samples were analyzed for the following constituents:

- TPH-D by EPA Method 3545A/ 8015B(M)
- TPH-G by EPA Method 5030B/8015B
- BTEX by EPA Method 5030B/8021B.
- Methyl-Tertiary-Butyl Ether (MTBE) by EPA Method 5030B/8021B
- Total Lead by EPA Method 3050B/6010B.

Samples B-3-7 and B-3-9 were not analyzed for TPH-Extractable as hydraulic Oil as requested because the laboratory indicated that these samples were already being analyzed for TPH-Extractable as Diesel and Motor Oil and the range of hydraulic oil was covered by these analyses. Entech performed all volatile analyses in conformance with the minimum 14-day holding time for these analyses. Quality assurance and Quality Control (QA/QC) details are included in the attached laboratory certificate of analysis. A copy of each Laboratory Certificate of Analysis and associated Chain of Custody form is also presented as an attachment.

### **Soil Sample Results**

The soils samples collected in soil borings B-1 and B-2 contained non-detectable concentrations of TPH-G. Concentrations of TPH-G were detected above its Environmental Screening Level (ESL) in soil samples collected from soil boring B-4 at 9 fbg (B-4-9) and 11 fbg (B-4-11) at 500 milligrams per kilograms (mg/kg) and 360 mg/kg, respectively. The laboratory report indicated that these concentrations were the result of an "atypical pattern". GGTR contacted the laboratory to clarify this finding and further review of the chromatograph by a laboratory scientist revealed that the TPH-G concentrations detected in soil samples B-4-9 and B-4-11 represented decomposed or weathered gasoline. Laboratory sample results are presented in the attached Table.

All soil samples collected in B-1 to B-4 contained non-detectable concentrations of TPH-D. The laboratory report for the sample collected in B-3 at 7 fbg (B-3-7) indicated that "no diesel pattern" was present in this sample; rather a "higher boiling hydrocarbon compound (C9-C16)" was detected at levels of 560 mg/kg, which is above the applicable ESL. Again, GGTR contacted the laboratory to clarify this result and further review of the chromatograph by a laboratory scientist revealed that this carbon range is an indication that aged or decomposed diesel was present. The soil samples collected in B-1 to B-4 contained non-detectable concentrations of TPH-MO, except in B-3 at 7 fbg (4,500 mg/kg) and 9 fbg (360 mg/kg); such concentrations reportedly may resemble hydraulic fluid (C14-C36). The sample in B-3 at 7 fbg exceeded its applicable ESL of 500 mg/kg.

Concentrations of BTEX, MTBE and other fuel oxygenates were not detected in any of the soil samples collected from soil borings B-1, B-2, and B-4. However the Laboratory reporting limits for Benzene, Total Xylenes and MTBE were greater than their respective ESL in soil samples collected from soil boring B-4 at 9 fbg (B-4-9) and at 11 fbg (B-4-11). Also, the laboratory reporting limits for 1,2-Dichloroethane and 1,2-Dibromoethane were slightly higher than their respective ESL for soil samples collected from B-1 and B-2 at 11 fbg (B-1-11 and B-2-11), and higher than their respective ESL for soil samples collected from B-4 at 9 fbg (B-4-9) and 11 fbg (B-4-11).

Composite soil sample collected from the existing excavation soil stockpile (Composite 1) did not contained concentrations of TPH-D above the laboratory reporting limit. However, the laboratory report indicated the presence of TPH-MO at levels of 100 mg/kg, which is below its ESL. BTEX and MTBE were not detected in this sample either, but the laboratory reporting limits for Benzene and MTBE were higher than their respective ESL. TPH-G, TPH-D, BTEX and MTBE were not detected in the composite soil sample collected from the imported soil stockpiles (Composite 2). However the laboratory detection limits for Benzene and MTBE were greater than their respective ESL.

None of the soil samples collected from soil borings B-1, B-2 and B-4, and both composite soil samples detected concentrations of metals above their respective ESL. Soil samples collected from soil boring B-3 were not analyzed for metals.



### **Conclusions and Recommendations**

Based on the field observations and analytical results, GGTR recommends the following:

- If warranted, trace the location and extent of the existing underground piping in the vicinity of the former 1,000-gallon UST excavation to confirm their association with the UST system; drain any residual product, and remove and dispose of the piping according to regulatory guidelines.
- Based on composite soil sample analysis, it appears that the soil stockpiles remaining onsite can be utilized as excavation backfill material.
- Excavate and dispose of impacted soil in the vicinity of boring B-3 to approximately 9 fbg. Once the impacted soil has been removed, collect confirmation soil sample(s) and backfill the excavation with the stockpiled soil and/or clean import fill soil.
- The vertical as well as the lateral extent of gasoline-range hydrocarbon contamination in soil in the vicinity of B-4 and the former 300-gallon gasoline UST has not been adequately assessed at this time. Additional characterization of the soil contamination in this area and its potential impact to underlying groundwater appears warranted.

**Report Distribution**

All reports that are prepared during the continuing work on this project will be sent to:

Oakland Fire Department  
Fire Prevention Bureau  
Hazardous Materials Unit  
250 Frank Ogawa Plaza, Suite 3341  
Oakland City Hall  
Oakland, CA 94612-2032

*Attention: Mr. Keith Matthews (1 Bound Copy and 1 electronic PDF file)*

Mrs. Hong Nguyen Gardner  
1501 23rd Avenue  
Oakland, California 94606      *(1 Bound Copy)*

### **Limitations**

It should be understood that all environmental assessments are inherently limited in that conclusions are drawn and recommendations developed from information obtained from limited research and visual observations. Subsurface conditions change significantly with distance and time and therefore may differ from the conditions implied by subsurface investigation. It must be noted that no investigation can absolutely rule out the existence of any hazardous or petroleum substances at a given site. Existing hazardous materials and contaminants can escape detection using these methods. The work performed in conjunction with this assessment and the data developed are intended as a description of available information at the dates and location given.

GGTR's professional services have been performed, with findings obtained and recommendations prepared in accordance with customary principles and practices in the field of environmental science, at the time of the assessment. This warranty is in lieu of all other warranties either expressed or implied. GGTR is not responsible for the accuracy of information reported by others or the independent conclusions, opinions or recommendations made by others based on the field exploration presented in this report. The scope of services conducted in execution of this phase of investigation may not be appropriate to satisfy the needs of other users and any use or reuse of this document and any of its information presented herein is at the sole risk of said user. The figures, drawings and plates presented in this report are only for the purposes of environmental assessment and no other use is recommended. No other third party may rely on this report, figures or plates for any other purpose.

***Golden Gate Tank Removal, Inc.***

## **ATTACHMENTS**

**Table**  
**Figures**  
**Laboratory Certificates of Analysis**  
**Chain of Custody Record**

**TABLE**  
**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**

Sample Date October 03, 2007

7600 MacArthur Boulevard, Oakland, CA

Sample Location	Sample Depth (ft bgs)	Sample ID	TPH-G (mg/kg)	TPH-D (mg/kg)	TPH-MO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes, Total (mg/kg)	MTBE (mg/kg)	TBEE (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	TAME (mg/kg)	1,2-DCA (mg/kg)	1,2-EDB (mg/kg)	Cd (mg/kg)	Cr (mg/kg)	Pb (mg/kg)	Ni (mg/kg)	Zn (mg/kg)
B-1	11.00	B-1-11	ND<0.1	ND<5	ND<20	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND<0.005	ND<0.04	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1	40	3.9	29	31
B-2	11.00	B-2-11	ND<0.1	ND<5	ND<20	ND<0.005	ND<0.005	ND<0.005	ND<0.01	ND<0.005	ND<0.005	ND<0.04	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<1	39	2.9	20	32
B-3	7.00	B-3-7	--	ND<250 <sup>1</sup>	4500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	9.00	B-3-9	--	ND<20 <sup>2</sup>	360	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-4	9.00	B-4-9	<b>500<sup>3</sup></b>	ND<5	ND<20	ND<2.5	ND<2.5	ND<2.5	ND<5	ND<2.5	ND<2.5	ND<20	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<1	34	10	21	36
	11.00	B-4-11	<b>360<sup>3</sup></b>	ND<5 <sup>4</sup>	ND<20	ND<1.2	ND<1.2	ND<1.2	ND<2.5	ND<1.2	ND<1.2	ND<10	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<1	38	4.9	38	23
Excavation Stockpile	NA	Composite 1	ND<5	ND<20 <sup>5</sup>	--	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.5	--	--	--	--	--	--	--	--	7.7	--	--
Imported Stockpiles	NA	Composite 2	ND<5	ND<5	--	ND<0.1	ND<0.1	ND<0.1	ND<0.1	ND<0.5	--	--	--	--	--	--	--	--	3.3	--	--
<b>CRWQCB February 2005 ESL *</b>			<b>100</b>	<b>100</b>	<b>500</b>	<b>0.044</b>	<b>2.9</b>	<b>3.3</b>	<b>2.3</b>	<b>0.023</b>	<b>NE</b>	<b>0.073</b>	<b>NE</b>	<b>NE</b>	<b>0.0045</b>	<b>0.00033</b>	<b>1.7</b>	<b>58</b>	<b>150</b>	<b>150</b>	<b>600</b>
<b>CRWQCB February 2005 ESL **</b>			<b>100</b>	<b>100</b>	<b>1000</b>	<b>0.044</b>	<b>2.9</b>	<b>3.3</b>	<b>2.3</b>	<b>0.023</b>	<b>NE</b>	<b>0.073</b>	<b>NE</b>	<b>NE</b>	<b>0.0045</b>	<b>0.00033</b>	<b>38</b>	<b>58</b>	<b>750</b>	<b>1000</b>	<b>2500</b>

**Notes**

ft bgs = Feet below ground surface  
 TPH-G = Total Petroleum Hydrocarbons as Gasoline  
 TPH-D = Total Petroleum Hydrocarbons as Diesel  
 TPH-MO = Total Petroleum Hydrocarbons as Motor Oil  
 MTBE = Methyl-Tertiary-Butyl Ether  
 TBEE = Tertiary-Butyl Ethyl Ether  
 TBA = Tertiary-Butanol  
 DIPE = Diisopropyl Ether  
 TAME = Tertiary-Amyl Methyl Ether  
 1,2-DCA = 1,2-Dichloroethane  
 1,2-EDB = 1,2-Dibromoethane  
 mg/kg = milligrams per kilograms  
 Cd = Cadmium  
 Cr = Chromium  
 Pb = Lead  
 Ni = Nickel  
 Zn = Zinc

-- = Not Analyzed  
 ND = Not Detected  
 NA = Not Applicable

1 = 560 mg/kg Higher Boiling Hydrocarbon (C9-C16). No Diesel pattern present  
 2 = 33 mg/kg Higher Boiling Hydrocarbon (C9-C16). No Diesel pattern present  
 3 = Atypical pattern.  
 4 = 6.4 mg/kg Higher Boiling Hydrocarbon (C9-C16). No Diesel pattern present  
 5 = 100 mg/kg Motor Oil. No Diesel pattern present

NE = Not Established

\* CRWQCB/ESL: California Regional Water Quality Control Board Environmental Screening Level for Shallow Soils (< 9.8 fbg) where groundwater IS a current or potential source for drinking water

\*\* CRWQCB/ESL: California Regional Water Quality Control Board Environmental Screening Level for Deep Soils (> 9.8 fbg) where groundwater IS a current or potential source for drinking water

Numbers in **BOLD** indicate that concentration is above the applicable CRWQCB/ESL



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035  
Phone: 408.263.5258 • FAX: 408.263.8293  
www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

0701076

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: <u>AVALEN SUCCESS Redevelo</u>			Location of Sampling: <u>7600 MacArthur Blvd Oakland</u>		
Address: <u>1501 23<sup>rd</sup> Ave</u>			Purpose:		
City: <u>ERIKVND</u>	State: <u>Ca</u>	Zip Code: <u>94606</u>	Special Instructions / Comments: <u>send report to Mr Matthew and the copy to Hong Gardner / Avalen Success</u>		
Telephone: <u>(510) 776-2304</u> FAX: <u>(510) 261-5533</u>			P.O. #:		
REPORT TO: <u>KEITH MATTHEW</u> SAMPLER: <u>RONEY DAVIS</u>			EMAIL: <u>KMATTHEWS@Oakland.net.com</u>		

### TURNAROUND TIME:

- 10 Working Days    3 Working Days    2 - 8 Hours  
 7 Working Days    2 Working Days    Other  
 5 Working Days    24 Hours

### SAMPLE TYPE:

- Storm Water    Other  
 Waste Water  
 Ground Water  
 Soil

### REPORT FORMAT:

- QC Level II  
 EDF  
 Excel / EDD

### ANALYSIS REQUESTED

TPHG  
 MBTEX  
 TPHD  
 PBtotal  
 O&G  
 Organics

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TPHG	MBTEX	TPHD	PBtotal	O&G	Organics	TORRENT'S SAMPLE I.D.
1. ST 1	1/18/07 10:15AM	soil	4	6J	X	X	X	X	X		001A
2. P1	1/18/07 10:20AM				X	X	X	X	X		002A
3. P2	1/18/07 10:25AM				X	X	X	X	X		003A
4. SP1, SP2, SP3, SP4	1/18/07 10:33AM				X	X	X	X	X	Composite 4.1	004A-D
5. Comp split 4	1/18	S	1	95	X	X	X	X	X		005A
6.											
7.											
8.											
9.											
10.											

1	Relinquished By: <u>Hong Gardner</u> Print: <u>HONG GARDNER</u> Date: <u>1/18/2007</u> Time: <u>10:45AM</u>	Received By: <u>AS-61</u> Print: <u>Anil</u> Date: <u>1/19/07</u> Time: <u>10:35</u>
2	Relinquished By: _____ Print: _____ Date: _____ Time: _____	Received By: _____ Print: _____ Date: _____ Time: _____

Were Samples Received in Good Condition?  Yes  NO   Samples on Ice?  Yes  NO   Method of Shipment: PLU   Sample seals intact?  Yes  NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.   Page 1 of 1

Log In By: [Signature] Date: 1/18/07   Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

January 24, 2007

Keith Matthews  
Avalon Success Realestate  
1501 23rd Ave  
Oakland, CA 94606

TEL: (510) 776-2304  
FAX (510) 261-5588

RE: 7600 MacArthur Blvd

Order No.: 0701076

Dear Keith Matthews:

Torrent Laboratory, Inc. received 5 samples on 1/17/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

  
Laboratory Director

1/23/07  
Date

Nutan Kabir

PM



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at [www.torrentlab.com](http://www.torrentlab.com) email: [analysis@torrentlab.com](mailto:analysis@torrentlab.com)

Report prepared for: Keith Matthews  
Avalon Success Realestate

Date Received: 1/17/2007  
Date Reported: 1/24/2007

Client Sample ID: ST1  
Sample Location: 7600 MacArthur Blvd.  
Sample Matrix: SOIL  
Date/Time Sampled 1/17/2007 10:15:00 AM

Lab Sample ID: 0701076-001  
Date Prepared: 1/17/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/18/2007	100	1	100	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	GC-MS	1/18/2007	0	1	57-127	76.2	%REC	R11652
Oil & Grease, Total	SM 5520 Mod.	1/19/2007	50	1	50	300	mg/Kg	R11688
Lead	SW8010B	1/21/2007	1	1	1.0	41	mg/Kg	3123
TPH (Diesel)	SW8015B	1/18/2007	2	1	2.00	ND	mg/Kg	R11680
Surr: Pentacosane	SW8015B	1/18/2007	0	1	53.5-127	67.5	%REC	R11680
Benzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethyl tert-butyl ether (ETBE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethylbenzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Isopropyl ether (DIPE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Methyl tert-butyl ether (MTBE)	SW8260B	1/18/2007	10	1	10	ND	µg/Kg	R11652
t-Butyl alcohol (t-Butanol)	SW8260B	1/18/2007	50	1	50	ND	µg/Kg	R11652
tert-Amyl methyl ether (TAME)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Toluene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Xylenes, Total	SW8260B	1/18/2007	15	1	15	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	SW8260B	1/18/2007	0	1	62.8-123	115	%REC	R11652
Surr: Dibromofluoromethane	SW8260B	1/18/2007	0	1	63.3-151	121	%REC	R11652
Surr: Toluene-d8	SW8260B	1/18/2007	0	1	60.8-124	95.4	%REC	R11652

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991



Report prepared for: Keith Matthews  
Avalon Success Realestate

Date Received: 1/17/2007  
Date Reported: 1/24/2007

<b>Client Sample ID:</b> P1	<b>Lab Sample ID:</b> 0701076-002
<b>Sample Location:</b> 7600 MacArthur Blvd	<b>Date Prepared:</b> 1/17/2007
<b>Sample Matrix:</b> SOIL	
<b>Date/Time Sampled</b> 1/17/2007 10:20:00 AM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/18/2007	100	1	100	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	GC-MS	1/18/2007	0	1	57-127	92.6	%REC	R11652
Oil & Grease, Total	SM 5520 Mod.	1/19/2007	50	1	50	85	mg/Kg	R11688
Lead	SW8010B	1/21/2007	1	1	1.0	3.2	mg/Kg	3123
TPH (Diesel)	SW8015B	1/18/2007	2	1	2.00	ND	mg/Kg	R11680
Surr: Pentacosane	SW8015B	1/18/2007	0	1	53.5-127	64.1	%REC	R11680
Benzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethyl tert-butyl ether (ETBE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethylbenzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Isopropyl ether (DIPE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Methyl tert-butyl ether (MTBE)	SW8260B	1/18/2007	10	1	10	ND	µg/Kg	R11652
t-Butyl alcohol (t-Butanol)	SW8260B	1/18/2007	50	1	50	ND	µg/Kg	R11652
tert-Amyl methyl ether (TAME)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Toluene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Xylenes, Total	SW8260B	1/18/2007	15	1	15	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	SW8260B	1/18/2007	0	1	62.8-123	115	%REC	R11652
Surr: Dibromofluoromethane	SW8260B	1/18/2007	0	1	63.3-151	110	%REC	R11652
Surr: Toluene-d8	SW8260B	1/18/2007	0	1	60.8-124	79.2	%REC	R11652

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

**Client Sample ID:** P2  
**Sample Location:** 7600 MacArthur Blvd  
**Sample Matrix:** SOIL  
**Date/Time Sampled** 1/17/2007 10:25:00 AM

**Lab Sample ID:** 0701076-003  
**Date Prepared:** 1/17/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/18/2007	100	1	100	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	GC-MS	1/18/2007	0	1	57-127	84.2	%REC	R11652
Oil & Grease, Total	SM 5520 Mod.	1/19/2007	50	1	50	55	mg/Kg	R11688
Lead	SW8010B	1/21/2007	1	1	1.0	2.9	mg/Kg	3123
TPH (Diesel)	SW8015B	1/18/2007	2	1	2.00	2.4 x	mg/Kg	R11680
Surr: Pentacosane	SW8015B	1/18/2007	0	1	53.5-127	67.1	%REC	R11680
Note: x- Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within the diesel range quantitated as diesel.								
Benzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethyl tert-butyl ether (ETBE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethylbenzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Isopropyl ether (DIPE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Methyl tert-butyl ether (MTBE)	SW8260B	1/18/2007	10	1	10	ND	µg/Kg	R11652
t-Butyl alcohol (t-Butanol)	SW8260B	1/18/2007	50	1	50	ND	µg/Kg	R11652
tert-Amyl methyl ether (TAME)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Toluene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Xylenes, Total	SW8260B	1/18/2007	15	1	15	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	SW8260B	1/18/2007	0	1	62.8-123	114	%REC	R11652
Surr: Dibromofluoromethane	SW8260B	1/18/2007	0	1	63.3-151	105	%REC	R11652
Surr: Toluene-d8	SW8260B	1/18/2007	0	1	60.8-124	80.7	%REC	R11652

Report prepared for: Keith Matthews  
Avalon Success Realestate

Date Received: 1/17/2007

Date Reported: 1/24/2007

<b>Client Sample ID:</b>	Comp (SP1 - SP4)	<b>Lab Sample ID:</b>	0701076-005
<b>Sample Location:</b>	7600 MacArthur Blvd	<b>Date Prepared:</b>	1/17/2007
<b>Sample Matrix:</b>	SOIL		
<b>Date/Time Sampled</b>	1/17/2007		

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/18/2007	100	1	100	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	GC-MS	1/18/2007	0	1	57-127	66.6	%REC	R11652
Oil & Grease, Total	SM 5520 Mod.	1/19/2007	50	1	50	80	mg/Kg	R11688
Lead	SW6010B	1/21/2007	1	1	1.0	17	mg/Kg	3123
TPH (Diesel)	SW8015B	1/18/2007	2	1	2.00	ND	mg/Kg	R11680
Surr: Pentacosane	SW8015B	1/18/2007	0	1	53.5-127	73.8	%REC	R11680
Benzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethyl tert-butyl ether (ETBE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethylbenzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Isopropyl ether (DIPE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Methyl tert-butyl ether (MTBE)	SW8260B	1/18/2007	10	1	10	ND	µg/Kg	R11652
t-Butyl alcohol (t-Butanol)	SW8260B	1/18/2007	50	1	50	ND	µg/Kg	R11652
tert-Amyl methyl ether (TAME)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Toluene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Xylenes, Total	SW8260B	1/18/2007	15	1	15	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	SW8260B	1/18/2007	0	1	62.8-123	119	%REC	R11652
Surr: Dibromofluoromethane	SW8260B	1/18/2007	0	1	63.3-151	117	%REC	R11652
Surr: Toluene-d8	SW8260B	1/18/2007	0	1	60.8-124	88.5	%REC	R11652

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991



# Attachments

-Owners previous applications

# OAKLAND FIRE DEPARTMENT/FIRE PREVENTION BUREAU HAZARDOUS MATERIALS UNIT

250 FRANK OGAWA PLAZA, SUITE 3341, OAKLAND, CA 94612-2032 • (510) 238-3927

## HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	Hong Gardner Report	7600 MacArthur	05
<b>Inspection Report</b>			
<input checked="" type="checkbox"/> PERMISSION TO INSPECT GRANTED			
<p>N ← Oil spill → Compost, 4 point</p> <p style="margin-left: 100px;">1000 gallon TK</p> <p style="margin-left: 100px;">300 GALLON TK in side wall</p>			
<p>analytes: BTEX TPH<sub>g</sub>, TPH<sub>d</sub> Total Lead Km Oil/grease</p>			
Lab: Torrent Laboratory		Supv: Patti Sandruck	
(408) 263-5258 ext 208			
2TKS were removed Sunday by unit			
UST Permit Fees must be paid			
Tanks were filled w/ concrete during 1970			
No ground water or ODOY from Tank/Excavation or Stock pile			

Facility Contact/Print Name: <p style="text-align: center;">HONG GARDNER</p>	Inspected By: <input type="checkbox"/> Insp. Griffin 238-7759 <input type="checkbox"/> Insp. Kupers 238-7054 <input checked="" type="checkbox"/> Insp. Matthews 238-2396 <input type="checkbox"/> Insp. Gomez 238-7253
Facility Contact/Signature: <p style="text-align: center;">Liona Gardner</p>	Date: 1/18/2007



600 South 4th Street  
Richmond, CA 94804  
(510)412-5300

GARDNER, HONG

Date: 01/24/07  
Check No: 12256532

TICKET#	SHIP DATE	COMMODITY	GROSS	TARE	NET	ADJ REASON	RD CT/WT	RD EXT	PRICE UM	FRT EXT	TOTAL AMT
TBGLUC	01/24/07	Tin Scrap	37700	29840	7860	0			90.0000 NT	.00	353.70
VENDOR CP012P TOTALS (POUNDS):			37700	29840	7860				TOTAL AMOUNT DUE SUPPLIER:		353.70



SIMS | GO NEU

WEIGHMASTER CERTIFICATE  
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, who signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Sec 12700) of Division 5 of California Business and Professions Code administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

19 21 2007 09:10  
196 S 4TH STREET  
RICHMOND CA 94804-3584  
510-412-5300

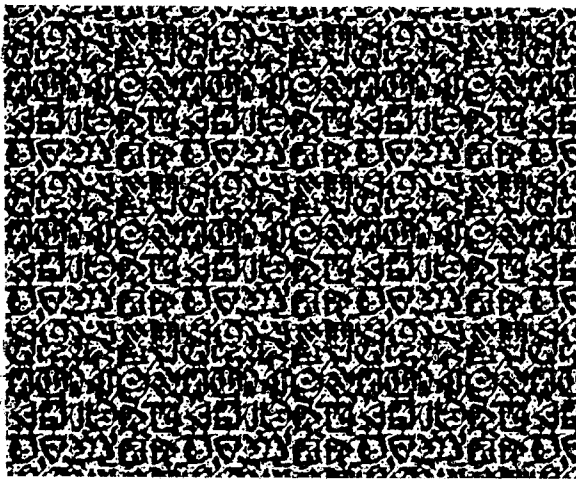
CUSTOMER COPY

CONTROL NUMBER 4411510

PRINTED ON RECYCLED PAPER



WEIGHMASTER CERTIFICATE  
TICKET #: TBGLUC



GRS Time 09:10 3.5652  
TRE Date 01/24/07  
TRE Time 09:00

FOR SALVAGE VEHICLE SALES: HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

CUSTOMER SIGNATURE (Casey Campbell)  
[Signature]

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no Hazardous Material as defined in the Scrap Acceptance Agreement or otherwise by any federal or state law and that for payment hereby received, I sell and convey title to Sims Hugo Neu.

NOT REFUNDABLE MORE THAN 90 DAYS FROM DATE ABOVE  
In accordance with the Clean Air Act and other applicable laws, seller must sign the Scrap Acceptance Agreement form provided at the scale at least one time every 3 years, which applies to any recyclables in the transaction which may contain or have contained refrigerants or other potential Hazardous Materials.

WEIGHMASTER CERTIFICATE  
TRUCK SCALE



SIMS | HUGO NEU

WEIGHMASTER CERTIFICATE  
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, who signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Sec 12700) of Division 5 of California Business and Professions Code administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

TICKET #: TBGLUC

Purchased from: CP012P  
GARDNER, HONG  
1581 23RD AVE  
OAKLAND CA 94606

12 RICHMOND, CA. RC3265  
600 S. 4TH STREET  
RICHMOND CA 94804-3584  
510-412-5300

Veh # TR TBGLUC ID # 6009293 Vendor 50

15-MINUTE COMMODITY	GROSS	TARE	NET	ADJ	REASON	PD	WT	RED	C/W	RD	EXT	CBK	FRT	PRICE	TOTAL	AMT
TBGLUC Tin Scrap	37700A	29840B	7860				7860	.0	.00	.00	.00	.00	.00	90.000000	353.70	

A=SCALE 1 B=SCALE 2 C=SCALE 3 D=SCALE 4 M=MANUAL WEIGHT  
ALL WEIGHTS ARE REPORTED IN POUNDS UNLESS OTHERWISE INDICATED. ALL NON-POUND WEIGHTS ARE ASSUMED TO BE MANUAL WEIGHTS

TOTALS 37700 29840 7860 7860 .0 .00 .00 353.70

WEIGHMASTER SIGNATURE (Casey Campbell)  
[Signature]  
CUSTOMER SIGNATURE  
[Signature]

GRS Date 01/24/07 IM. T.  
GRS Time 09:10 3.5652  
TRE Date 01/24/07  
TRE Time 09:22

FOR SALVAGE VEHICLE SALES: HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless from damages, demands and liabilities, including reasonable attorney's fees, resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no Hazardous Material as defined in the Scrap Acceptance Agreement or otherwise by any federal or state law and that for payment hereby received, I sell and convey title to Sims Hugo Neu.  
NOT REFUNDABLE MORE THAN 90 DAYS FROM DATE ABOVE  
In accordance with the Clean Air Act and other applicable laws, seller must sign the Scrap Acceptance Agreement form provided at the scale at least one time every 3 years, which applies to any recyclables in the transaction which may contain or have contained refrigerants or other potential Hazardous Materials.

CONTROL NUMBER 4411510

**UNITED PROGRAM CONSOLIDATED FORM  
TANKS  
UNDERGROUND STORAGE TANKS - FACILITY**

(One page per site) Page \_\_\_\_ of \_\_\_\_

TYPE OF ACTION (Check one item only)  1. NEW PERMIT  3. RENEWAL PERMIT  5. CHANGE OF INFORMATION  7. PERMANENTLY CLOSED SITE  8. TANK REMOVED  
 4. AMENDED PERMIT (Specify change) \_\_\_\_\_  6. TEMPORARY SITE CLOSURE

**I. FACILITY/SITE INFORMATION**

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	3.	FACILITY ID#	1.
<i>AVALON SUCCESS LLC</i>			
NEAREST CROSS STREET	401.	FACILITY OWNER TYPE	402.
<i>76TH Ave Oakland</i>		<input type="checkbox"/> 1. CORPORATION <input type="checkbox"/> 4. LOCAL AGENCY/DISTRICT*	
BUSINESS TYPE	403.	<input checked="" type="checkbox"/> 2. INDIVIDUAL <input type="checkbox"/> 5. COUNTY AGENCY*	
<input type="checkbox"/> 1. GAS STATION <input type="checkbox"/> 2. DISTRIBUTOR <input type="checkbox"/> 3. FARM <input type="checkbox"/> 4. PROCESSOR <input checked="" type="checkbox"/> 6. OTHER		<input type="checkbox"/> 3. PARTNERSHIP <input type="checkbox"/> 7. FEDERAL AGENCY*	
TOTAL NUMBER OF TANKS REMAINING AT SITE	404.	Is facility on Indian Reservation or trust lands?	405.
<i>2</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	406.
* If owner of UST is a public agency: name of supervisor of division, section or office which operates the UST. (This is the contact person for the tank records.)			

**II. PROPERTY OWNER INFORMATION**

PROPERTY OWNER NAME	407.	PHONE	408.
<i>HONG JACQUELINE NGUYEN GARDNER</i>		<i>(510) 776-2300</i>	
MAILING OR STREET ADDRESS	409.		
<i>1501 23<sup>rd</sup> Ave</i>			
CITY	410.	STATE	411.
<i>Oakland</i>		<i>CA</i>	412.
ZIP CODE	<i>94606</i>		
PROPERTY OWNER TYPE	413.		
<input type="checkbox"/> 1. CORPORATION <input checked="" type="checkbox"/> 2. INDIVIDUAL <input type="checkbox"/> 3. PARTNERSHIP <input type="checkbox"/> 4. LOCAL AGENCY / DISTRICT <input type="checkbox"/> 5. COUNTY AGENCY <input type="checkbox"/> 6. STATE AGENCY <input type="checkbox"/> 7. FEDERAL AGENCY			

**III. TANK OWNER INFORMATION**

TANK OWNER NAME	414.	PHONE	415.
<i>NA</i>			
MAILING OR STREET ADDRESS	416.		
CITY	417.	STATE	418.
			419.
ZIP CODE	420.		
TANK OWNER TYPE	421.		
<input type="checkbox"/> 1. CORPORATION <input type="checkbox"/> 2. INDIVIDUAL <input type="checkbox"/> 3. PARTNERSHIP <input type="checkbox"/> 4. LOCAL AGENCY/DISTRICT <input type="checkbox"/> 5. COUNTY AGENCY <input type="checkbox"/> 6. STATE AGENCY <input type="checkbox"/> 7. FEDERAL AGENCY			

**IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER**

TY (TK) HQ 44-	421.
	Call (916) 322-9669 if questions arise

**V. PETROLEUM UST FINANCIAL RESPONSIBILITY**

INDICATE METHOD(S)	422.
<input type="checkbox"/> 1. SELF-INSURED <input type="checkbox"/> 2. GUARANTEE <input type="checkbox"/> 3. INSURANCE <input type="checkbox"/> 4. SURETY BOND <input type="checkbox"/> 5. LETTER OF CREDIT <input type="checkbox"/> 6. EXEMPTION <input type="checkbox"/> 7. STATE FUND <input type="checkbox"/> 8. STATE FUND & CFO LETTER <input type="checkbox"/> 9. STATE FUND & CD <input type="checkbox"/> 10. LOCAL GOVT MECHANISM <input type="checkbox"/> 99. OTHER: _____	

**VI. LEGAL NOTIFICATION AND MAILING ADDRESS**

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner unless box 1 or 2 is checked.  1. FACILITY  2. PROPERTY OWNER  3. TANK OWNER 423.

**VII. APPLICANT SIGNATURE**

Certification: I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT	DATE	424.	PHONE	425.
<i>Hong Gardner</i>	<i>2/15/2007</i>		<i>(510) 776-2300</i>	
NAME OF APPLICANT (print)	426.	TITLE OF APPLICANT	427.	
<i>HONG GARDNER</i>		<i>Property owner</i>		
STATE UST FACILITY NUMBER (Agency use only)	428.	1998 UPGRADE CERTIFICATE NUMBER (Agency use only)	429.	
(See Data Element 1, above.)				



**FACILITY INFORMATION**

Facility/Residence Name \_\_\_\_\_ Business Type \_\_\_\_\_  
Site Address 7600 MacArthur Blvd City Oakland Zip 94605  
Contact Person Hong GARDNER Title owner Phone (510) 776-2304  
E-Mail honggardner@yahoo.com Cell Phone \_\_\_\_\_  
Owner, Agency, or Corporation Name AVALON SUCCESS LLC Phone (510) 261-5888  
Mailing Address 1501 23<sup>rd</sup> Ave City Oakland State Ca Zip 94606  
EPA ID Number CAC 002612534  
Note: Include "Proof of Financial Responsibility"

**CONTRACTOR REMOVING TANK(S) AND PIPING:**

Contractor \_\_\_\_\_  
Contract Person \_\_\_\_\_ Phone \_\_\_\_\_  
Business Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_  
State Contractors License \_\_\_\_\_  
Note: Attach a copy of Contractors License, Hazardous Materials Certification, and  
Workers Compensation

**HAZARDOUS WASTE HAULERS:**

Hazardous Waste Hauler, Tank(s) \_\_\_\_\_ EPA ID # CAC 002612534  
Business Address \_\_\_\_\_ City Oakland  
Contact Sebastian Phone (510) 376-7294  
Tank(s) and piping destination scrap metal / SIMS / HUGO NEU  
Hazardous Waste Hauler (Rinsate) cement concrete EPA ID # CAC 002612534  
Business address 600 S. 4TH Street City Richmond  
Contact Casey Campbell Phone (510) 412-5300  
Note: Include Hauler License No. \_\_\_\_\_ License Exp. Date \_\_\_\_\_

**SAMPLE COLLECTION AND ANALYSIS:**

Sample Collector 0701076 Company TORRENT LABORATORY  
Address 483 Sinclair Frontage Rd City Milpitas Phone (408) 263-5258  
Soil/Water Analysis Laboratory TPHG, MBTEX, TPHD, PB Total, O & G  
State certification No. #1991 Contact Patti Sanderson Phone (408) 263-5258 ext 208  
Business Address 483 Sinclair Frontage Rd City Milpitas Zip 94035

**TANK(S) INFORMATION**

TANK SYSTEM: SIZE (GALLONS)	TANK CONSTRUCTION	SUBSTANCE(S) PREVIOUSLY CONTAINED
TANK 1 <u>1,000</u>	<u>1939</u>	<u>gasoline / cement</u>
TANK 2 <u>na</u>	_____	_____
TANK 3 <u>na</u>	_____	_____
TANK 4 <u>1,000</u>	<u>1939</u>	<u>gasoline / cement</u>

Applicant Declaration:

I certify the application information is correct and factual. I declare that I have read and will follow the "procedures to Close Underground Storage tank(s) Systems." I further agree to comply with all applicable City of Oakland Ordinances; Fire Code; Health and Safety Code Chapter 6.7; Title 23, California Code of Regulations.

Applicant HONG GARDNER Applicant *Lina Yau* Date \_\_\_\_\_  
Print Signature

"This box for OFM use only"

Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Inspectors Signature \_\_\_\_\_ Approval Date \_\_\_\_\_

# EMERGENCY PROCEDURES

Post near telephones and as appropriate

In case of a fire, spill, or other emergency involving hazardous chemicals or wastes, do the following:

## Major Emergency

- ⇒ Evacuate the affected areas per the facility Evacuation Plan
- ⇒ Call 911 and report the emergency
- ⇒ Report the emergency to the facility Emergency Coordinator

## Minor Emergency

- ⇒ Try to control the emergency if you are trained to do so and can do it safely
- ⇒ Report the emergency to the facility Emergency Coordinator

## Facility Emergency Coordinators

	Name	Work Phone	24 Hour Phone
Primary EC:	<u>HONG GARDNER</u>	<u>(510) 261-5888</u>	<u>(510) 776-2304</u>
1st Alternate EC:	<u>ANTHONY PHAM</u>	<u>(510) 536-3594</u>	<u>(510) 520-2609</u>
2nd Alternate EC:	<u>ANDRE KING</u>	<u>(510) 601-5560</u>	<u>(510) 693-4730</u>
3rd Alternate EC:	_____	_____	_____

## Emergency Agencies

Agency	Phone No.
Fire Dept., Ambulance, Police	911
Governor's Office of Emergency Services	(800) 852-7550
Santa Clara County Hazardous Materials Compliance Division	(408) 918-3400

## Emergency Equipment

Locations of fire extinguishers, fire alarms (if any), and equipment for controlling chemical spills are shown on the facility site plan posted with this notice.

This document is only a summary of emergency procedures. Refer to this facility's written emergency response plan for detailed procedures.

# Emergency Response/Contingency Plan

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction  
Authority Cited: 22 CCR §66262.34(a)(4)

All facilities which handle hazardous materials in specified quantities must have a written emergency response plan. In addition, facilities which generate 1,000 kilograms or more of hazardous waste per month, or accumulate more than 6,000 kilograms of hazardous waste on-site at any one time, must prepare a contingency plan. Because the requirements are similar, they have been combined in a single document, provided below, for your convenience. If you already have a plan which meets these requirements, you are not required to complete the blank plan, below.

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials which could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.** Within Santa Clara County, hospitals and police agencies have delegated receipt of these plans to the local agencies administering Hazardous Materials Business Plans, so additional copies need not be submitted. However, a copy of the plan and any revisions must be provided to any contractor, hospital, or agency with whom special (i.e. contractual) emergency services arrangements have been made (*see section E, below*).

All pages in this plan must be numbered and, unless noted otherwise, completed in their entirety.

## A. Facility Information:

Business Name: AVALON SUCCESS, LLC Business Phone: (510) 261-5888  
Site Address: 7600 Mac Arthur Blvd City: Oakland Zip: 94605

## B. Emergency Coordinators:

All personnel qualified to act as the facility's Emergency Coordinator must be listed in this plan. (*Note: Emergency Coordinator responsibilities are described in Section F, below.*) If more than two people are qualified, list the names, titles, business and 24 hour telephone numbers, and pager numbers of the additional qualified individuals on an attached page in the order in which they will assume responsibility as alternates, then check the box beneath the Emergency Coordination information table, below, and indicate the list's page number in the space provided.

Primary Emergency Coordinator	Secondary Emergency Coordinator
Name: <u>HONG GARDNER</u>	Name: <u>Anthony Pham</u>
Title: <u>owner</u>	Title: <u>Architect</u>
Business Phone: <u>(510) 261-5888</u>	Business Phone: <u>(510) 536-3599</u>
24 Hour Phone: <u>(510) 776-2304</u>	24 Hour Phone: <u>(510) 520-2609</u>
Pager No.: <u>( )</u>	Pager No.: <u>( )</u>

(Check box only if applicable) Additional Emergency Coordinators are listed on page \_\_\_\_\_ of this plan.

## C. Evacuation Plan:

1. The following alarm signal(s) will be used to begin evacuation of the facility (*check all which apply*):

Bells;  Horns/Sirens;  Verbal (*i.e. shouting*);  Other (*specify*) N/A

2.  Evacuation map is prominently displayed throughout the facility.

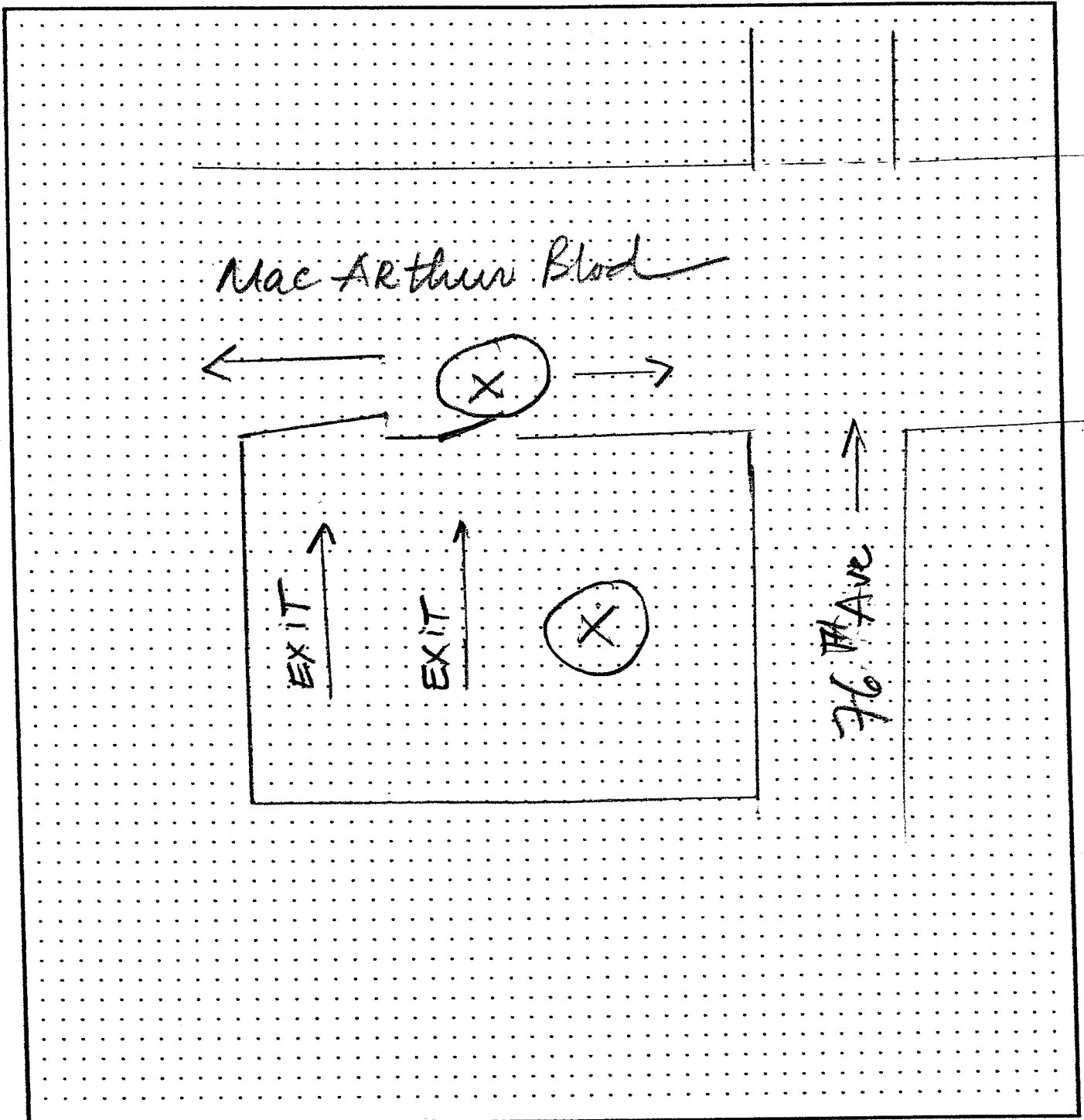
*Note: A blank facility Evacuation Map sheet has been provided on the reverse side of this page. This drawing (or any other drawing which shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.*

Emergency Response/Contingency Plan

EVACUATION MAP

Site Address: 7600 Mac Arthur Blvd Oakland Ca 94605

Note: This map must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas



(X) Tank location

Emergency Response/Contingency Plan

D. Emergency and Post-Incident Contacts:

1. Emergency Contacts:

Fire/Police/Ambulance ..... Phone No. 911
State Office of Emergency Services ..... Phone No. (800) 852-7550

2. Post-Incident Contacts\*:

Fire Department Hazardous Materials Program ..... Phone No.: ( )
Santa Clara County Hazardous Materials Compliance Division ..... Phone No. (408) 299-6930
California EPA Department of Toxic Substances Control ..... Phone No. (510) 540-3739
Cal-OSHA Division of Occupational Safety and Health ..... Phone No. (415) 557-1677
Bay Area Air Quality Management District ..... Phone No. (415) 771-6000
Regional Water Quality Control Board ..... Phone No. (510) 286-1255

\* These telephone numbers are provided as a general aid to emergency notification. Be advised that additional agencies may be required to be notified.

3. Emergency Resources:

Poison Control Center ..... Phone No. (800) 876-4766
Nearest Hospital: Name: HIGHLAND HOSPITAL Phone No.: (510) 437-4800
Address: 1411 E. 31st Street City: Oakland 94602

E. Arrangements With Emergency Responders:

If you have made arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements on the lines below:

Handwritten '911' on the first line of the arrangement section.

## Emergency Response/Contingency Plan

### F. Emergency Procedures:

#### Emergency Coordinator Responsibilities:

1. Whenever there is an imminent or actual emergency situation such as a explosion, fire, or release, the emergency coordinator (*or his/her designee when the emergency coordinator is on call*) shall:
  - a. Identify the character, exact source, amount, and areal extent of any released hazardous materials.
  - b. Assess possible hazards to human health or the environment that may result from the explosion, fire, or release. This assessment must consider both direct and indirect effects (*e.g. the effects of any toxic, irritating, or asphyxiating gases that are generated, the effects of any hazardous surface water run-off from water or chemical agents used to control fire, etc.*).
  - c. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
  - d. Notify appropriate local authorities (*i.e. call 911*).
  - e. Notify the State Office of Emergency Services at 1-800-852-7550.
  - f. Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment shut down in response to the incident.
  - g. Take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility.
2. Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall:
  - a. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from a explosion, fire, or release at the facility.
  - b. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.
  - c. Ensure that all emergency equipment is cleaned, fit for its intended use, and available for use.
  - d. Notify the California Environmental Protection Agency's Department of Toxic Substances Control, the County of Santa Clara's Hazardous Materials Compliance Division, and the local fire department's hazardous materials program that the facility is in compliance with requirements 2-a and 2-b, above.

#### Responsibilities of Other Personnel:

On a separate page, list any emergency response functions not covered in the "Emergency Coordinator Responsibilities" section, above. Next to each function, list the job title or name of each person responsible for performing the function. Number the page(s) appropriately.

### G. Post-Incident Reporting/Recording:

The time, date, and details of any hazardous materials incident that requires implementation of this plan shall be noted in the facility's operating record.

Within 15 days of any hazardous materials emergency incident or threatened hazardous materials emergency incident which triggers implementation of this plan, a written Emergency Incident Report, including, but not limited to a description of the incident and the facility's response to the incident, must be submitted to the California Environmental Protection Agency's Department of Toxic Substances Control, the County of Santa Clara's Hazardous Materials Compliance Division, and the local fire department's hazardous materials program. The report shall include:

1. Name, address, and telephone number of the facility's owner/operator;
2. Name, address, and telephone number of the facility;
3. Date, time, and type of incident (*e.g. fire, explosion, etc.*);
4. Name and quantity of material(s) involved;
5. The extent of injuries, if any;
6. An assessment of actual or potential hazards to human health or the environment, where this is applicable;
7. Estimated quantity and disposition of recovered material that resulted from the incident;
8. Cause(es) of the incident;
9. Actions taken in response to the incident;
10. Administrative or engineering controls designed to prevent such incidents in the future.

Emergency Response/Contingency Plan

**H. Emergency Equipment:**

22 CCR, Section 66265.52(e) [as referenced by Section 66262.34(a)(3)] and the Hazardous Materials Storage Ordinance require that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Location *	4. Description**
Personal Protective, Equipment, Safety Equipment, and First Aid Equipment	<input type="checkbox"/> Cartridge Respirators		
	<input type="checkbox"/> Chemical Monitoring Equipment (describe)		
	<input checked="" type="checkbox"/> Chemical Protective Aprons/Coats		ORANGE VEST
	<input checked="" type="checkbox"/> Chemical Protective Boots		
	<input checked="" type="checkbox"/> Chemical Protective Gloves		
	<input checked="" type="checkbox"/> Chemical Protective Suits (describe)		
	<input type="checkbox"/> Face Shields		
	<input type="checkbox"/> First Aid Kits/Stations (describe)		
	<input checked="" type="checkbox"/> Hard Hats		
	<input type="checkbox"/> Plumbed Eye Wash Stations		
	<input type="checkbox"/> Portable Eye Wash Kits (i.e. bottle type)		
	<input checked="" type="checkbox"/> Respirator Cartridges (describe)		
	<input checked="" type="checkbox"/> Safety Glasses/Splash Goggles		
	<input type="checkbox"/> Safety Showers		
<input type="checkbox"/> Self-Contained Breathing Apparatuses (SCBA)			
<input type="checkbox"/> Other (describe)			
Fire Extinguishing Systems	<input type="checkbox"/> Automatic Fire Sprinkler Systems		
	<input type="checkbox"/> Fire Alarm Boxes/Stations		
	<input type="checkbox"/> Fire Extinguisher Systems (describe)		
	<input type="checkbox"/> Other (describe)		
Spill Control Equipment and Decontamination Equipment	<input type="checkbox"/> Absorbents (describe)		
	<input type="checkbox"/> Berms/Dikes (describe)		
	<input type="checkbox"/> Decontamination Equipment (describe)		
	<input type="checkbox"/> Emergency Tanks (describe)		
	<input type="checkbox"/> Exhaust Hoods		
	<input type="checkbox"/> Gas Cylinder Leak Repair Kits (describe)		
	<input type="checkbox"/> Neutralizers (describe)		
	<input type="checkbox"/> Overpack Drums		
	<input type="checkbox"/> Sumps (describe)		
	<input type="checkbox"/> Other (describe)		
Communications and Alarm Systems	<input type="checkbox"/> Chemical Alarms (describe)		
	<input type="checkbox"/> Intercoms/ PA Systems		
	<input checked="" type="checkbox"/> Portable Radios		
	<input checked="" type="checkbox"/> Telephones <i>cellular</i>		
	<input type="checkbox"/> Underground Tank Leak Detection Monitors		
	<input checked="" type="checkbox"/> Other (describe) <i>verbal</i>		
Additional Equipment (Use Additional Pages if Needed.)	<i>ORGANIC VAPOR METER</i>		
	<i>OXYGEN METER</i>		
	<i>COMBUSTIBLE GAS METER</i>		

\* If appropriate, use the location code(s) from your Hazardous Materials Business Plan or Hazardous Materials/Waste Registration Form.

\*\* Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.



## Emergency Response/Contingency Plan

### I. Training:

Check all boxes which apply. [Note: Items marked with an asterisk (\*) are required.]:

1. Personnel are trained in the following procedures:

<input type="checkbox"/> Internal alarm/notification *
<input type="checkbox"/> Evacuation/re-entry procedures & assembly point locations*
<input type="checkbox"/> Emergency incident reporting
<input checked="" type="checkbox"/> External emergency response organization notification
<input checked="" type="checkbox"/> Location(s) and contents of Emergency Response/Contingency Plan
<input type="checkbox"/> Facility evacuation drills, which are conducted at least (specify) <span style="float: right;">(e.g. "Quarterly", etc.)</span>

2. Chemical Handlers are additionally trained in the following:

<input type="checkbox"/> Safe methods for handling and storage of hazardous materials *
<input type="checkbox"/> Location(s) and proper use of fire and spill control equipment
<input type="checkbox"/> Spill procedures/emergency procedures
<input type="checkbox"/> Proper use of personal protective equipment *
<input type="checkbox"/> Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure (i.e. inhalation, ingestion, absorption) *
<input type="checkbox"/> Hazardous Waste Handlers/Managers are trained in all aspects of hazardous waste management specific to their job duties (e.g. container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.) *

3. Emergency Response Team Members are capable of and engaged in the following:

<input type="checkbox"/> Personnel rescue procedures
<input type="checkbox"/> Shutdown of operations
<input type="checkbox"/> Liaison with responding agencies
<input type="checkbox"/> Use, maintenance, and replacement of emergency response equipment
<input type="checkbox"/> Refresher training, which is provided at least annually *
<input type="checkbox"/> Emergency response drills, which are conducted at least (specify) <span style="float: right;">(e.g. "Quarterly", etc.)</span>

### J. Recordkeeping:

1. Check all boxes which apply. The following records are maintained at the facility. [Note: Items marked with an asterisk (\*) are required.]:

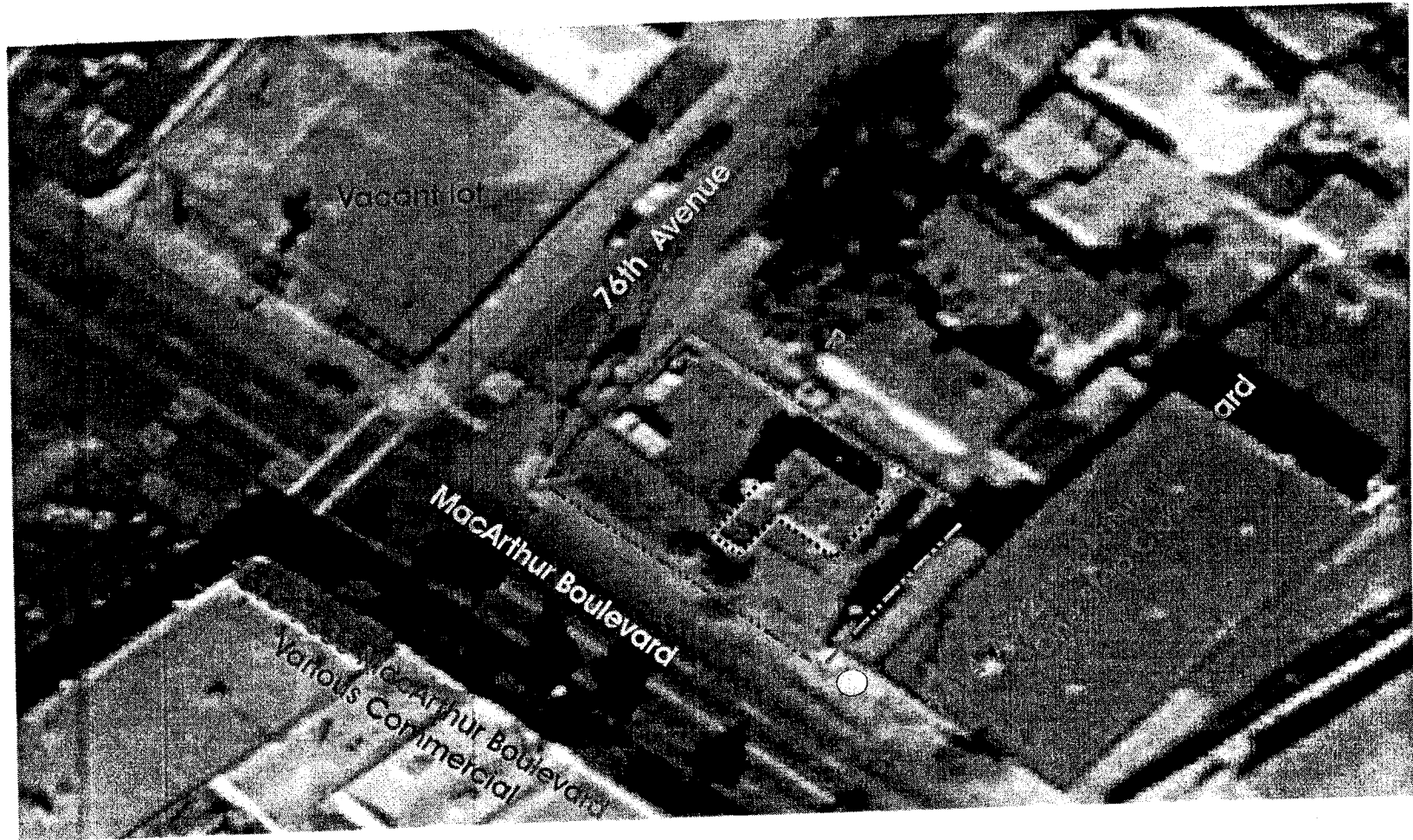
<input type="checkbox"/> Current employees' training records (to be retained until closure of the facility) *
<input type="checkbox"/> Former employees' training records (to be retained at least three years after termination of employment) *
<input type="checkbox"/> Training Program(s) (i.e. written description of introductory and continuing training) *
<input type="checkbox"/> Current copy of this Emergency Response/Contingency Plan *
<input type="checkbox"/> Record of recordable/reportable hazardous material/waste releases *
<input type="checkbox"/> Record of hazardous material/waste storage area inspections *
<input type="checkbox"/> Record of hazardous waste tank daily inspections *
<input type="checkbox"/> Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

### K. Amendment of Contingency Plan:




This plan must be reviewed, and immediately amended, if necessary, whenever:

- a. Applicable regulations are revised
- b. The plan fails in an emergency
- c. The facility changes its design, construction, operation, maintenance, or other circumstances in a way that materially increases the potential for fires, explosions, or releases of hazardous waste or hazardous waste constituents, or changes the response necessary in an emergency.
- d. The list of emergency coordinators changes.
- e. The list of emergency equipment changes.



**LEGEND**



- Subject Property Line 
- Former service station area 
- Pole-mounted transformer 

**AEI CONSULTANTS**

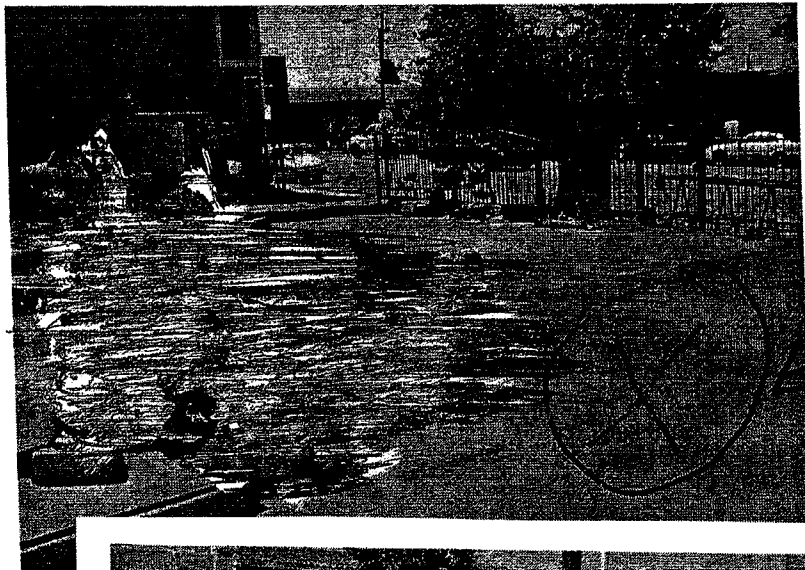
2500 Camino Diablo, Suite 200, Walnut Creek, CA 94597

Google Earth 2006 Scale: Not to Scale

**SITE PLAN**

7600 MacArthur Boulevard  
Oakland, California

**FIGURE 2A**  
Job No: 118073



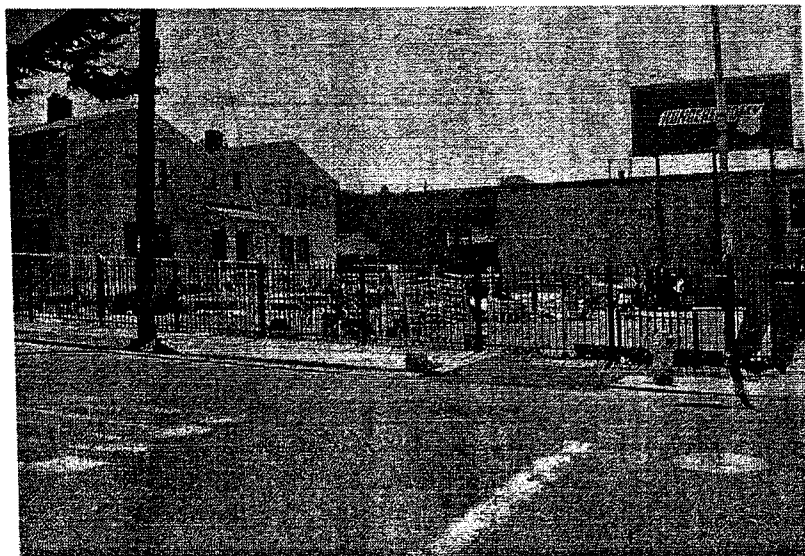
... A picture of a second area where a fourth UST may be located.



. A picture of a suspected UST location area on the subject property.

*outside property fence  
on sidewalk / bus stop*

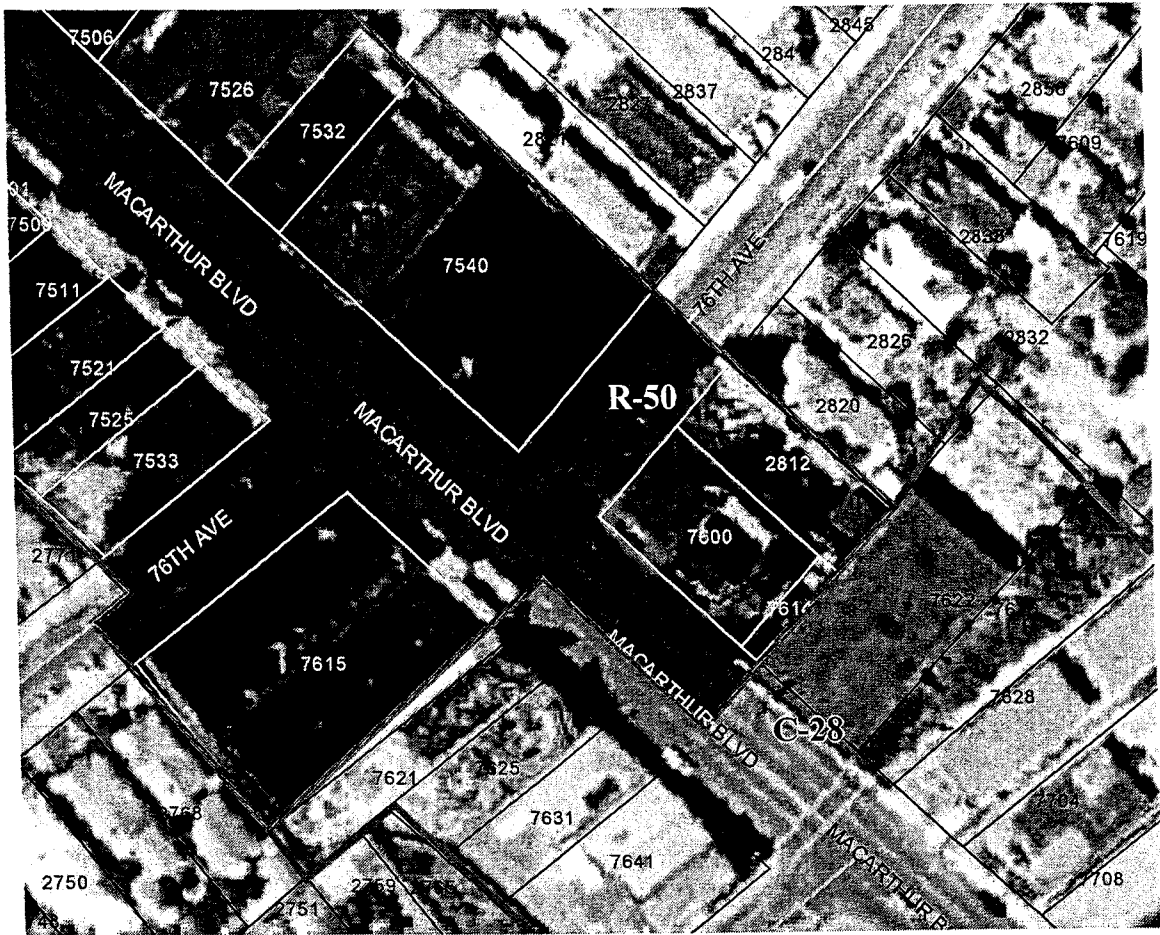
A general view of the subject property from the intersection of 76th Avenue and MacArthur Boulevard.



**AEI CONSULTANTS**  
**PROPERTY PHOTOGRAPHS**

7600 MacArthur Boulevard  
Oakland, California

Job No: 118073





# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035  
Phone: 408.263.5258 • FAX: 408.263.8293  
www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

0701076

NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY

Company Name: AVALON SUCCESS Real Estate Location of Sampling: 7600 MacArthur Blvd Oakland  
 Address: 1501 23<sup>rd</sup> Ave Purpose:  
 City: Oakland State: Ca Zip Code: 94606 Special Instructions / Comments: send report to Mr Matthew and the copy to Hong Gardner Avalon Success  
 Telephone: (510) 776-2304 FAX: (510) 261-5588 P.O.#: EMAIL: KMATTHEWS@Oakland.net.COM  
 REPORT TO: KEITH MATTHEW SAMPLER: RONEY DAVIS

TURNAROUND TIME:  
 10 Working Days  9 Working Days  2 - 8 Hours  
 7 Working Days  2 Working Days  Other  
 5 Working Days  24 Hours

SAMPLE TYPE:  
 Storm Water  Other  
 Waste Water  
 Ground Water  
 Soil

REPORT FORMAT:  
 QC Level II  
 EDF  
 Excel / EDD

### ANALYSIS REQUESTED

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	ANALYSIS REQUESTED						TORRENT'S SAMPLE I.D.
					TPHG	MBTEX	TPHD	PBTtotal	O & G	Oxygenates	
1. ST 1	1/18/07 10:15AM	Soil	1	6J	X	X	X	X	X	X	001A
2. P1	1/18/07 10:20AM	↓	↓	↓	X	X	X	X	X	X	002A
3. P2	1/18/07 10:25AM	↓	↓	↓	X	X	X	X	X	X	003A
4. SP1, SP2, SP3, SP4	1/18/07 10:33AM	↓	↓	↓	X	X	X	X	X	Composite 4.1	004A-D
5. Comp SP1 to 4	1/18	S	1	95	X	X	X	X	X	X	005A
6.											
7.											
8.											
9.											
10.											

1 Relinquished By: Hong Gardner Print: HONG GARDNER Date: 1/18/2007 Time: 10:45AM Received By: MS tel Print: Anil Date: 1/18/07 Time: 10:45  
 2 Relinquished By: \_\_\_\_\_ Print: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Print: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment: PLN Sample seals intact?  Yes  NO  
 NOTE: Samples are guaranteed by the laboratory 90 days from date of receipt unless other arrangements are made. Page 1 of 1  
 Log In By: \_\_\_\_\_ Date: 1/18/07 Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_  
 TORRENT LAB





# Torrent Laboratory, Inc.

483 Sinclair Frontage Rd. • Milpitas, CA 95035-5414  
Phone: (408) 263-5258 • Fax: (408) 263-8293  
www.torrentlab.com

# Invoice

DATE	INVOICE NO.
1/24/2007	15234

**BILL TO:**

**Avalon Success Realestate**  
**1501 23rd Street**  
**Oakland, CA 94606**  
**Attn: Hong Gardner**

P.O. NUMBER	SAMPLE SITE	REPORTED TO	TERMS	DUE DATE
Verbal	7600 MacArthurBlvd	Keith Matthews	Pre payment	1/24/2007
DESCRIPTION		QTY.	PRICE	AMOUNT
Composite (method SW-846 Chap 9 Sec.2.4)		4	10.00	40.00
TPH-Gas/BTEX/MTBE		4	65.00	260.00
Oxygenates		4	90.00	360.00
TPH-Diesel		4	50.00	200.00
Lead		4	22.00	88.00
Oil and Grease		4	75.00	300.00
Waste Disposal Fee		5	3.00	15.00

PAID

TORRENT LABORATORY INC  
483 SINCLAIRS FRONTAGE R  
MILPITAS, CA. 95035  
408-263-5258

Phone Order

ID: 001054852000006551700  
01/26/07 15:54:52

AVS Code: N

MASTERCARD

XXXXXXXXXXXX9624H

Appr Code: 443553 Inv#: 000002

Total: \$ 1263.00

Customer Copy

TORRENT'S PROJECT# 0701076

SAMPLE(S) RECEIVED ON 01/17/07

TOTAL

\$1,263.00

*Thank you for your business.*



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Millitas, GA 95035  
 Phone: 408.268.5258 FAX: 408.268.8298  
 www.torrentlab.com

# CHAIN OF CUSTODY

LAB WORK ORDER NO

0701076

NOTES SHADED AREAS ARE FOR TORRENT LAB USE ONLY

Company Name: AVALON SUCCESS Real Estate Location of Sampling: 7600 MacArthur Blvd Oakland  
 Address: 1501 23rd Ave Purpose:  
 City: Oakland State: Ca Zip Code: 94606 Special Instructions/Comments: send report to Mr Matthew and the copy to Hong Gardner / Avalon Success  
 Telephone: (510) 770-2304 FAX: (510) 261-5588 P.O. #: EMAIL: KMATTHEWS@Oakland.net.com  
 REPORT TO: KEITH MATTHEW SAMPLER: RONEY DAVIS

TURNAROUND TIME:  10 Working Days  9 Working Days  2-8 Hours  7 Working Days  6 Working Days  Other  5 Working Days  24 Hours

SAMPLE TYPE:  Storm Water  Other  Waste Water  Ground Water  Soil

REPORT FORMAT:  GC Level II  EDF  Excel / EDD

ANALYSIS REQUESTED: TPHG MBTEX TPHD PBtotal O&G Oxygenates

CLIENT'S SAMPLE ID	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TPHG	MBTEX	TPHD	PBtotal	O&G	Oxygenates	TORRENT'S SAMPLE I.D.
1. ST 1	1/18/07 10:15AM	soil	1	95	X	X	X	X	X	X	001A
2. P1	1/18/07 10:20AM		1		X	X	X	X	X	X	002A
3. P2	1/18/07 10:25AM		1		X	X	X	X	X	X	003A
4. SP1, SP2, SP3, SP4	1/18/07 10:33AM		3		X	X	X	X	X	Composite	004A-D
5. Comp SP1 to 4	1/18		3	95	X	X	X	X	X	X	005A
6.											
7.											
8.											
9.											
10.											

Relinquished By: [Signature] Date: 1/18/2007 Time: 10:45AM Received By: [Signature] Date: 1/18/07 Time: 10:45

Were Samples Received in Good Condition?  Yes  NO Samples on Ice?  Yes  NO Method of Shipment: p/w Sample seals intact?  Yes  NO  
 NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page 1 of 1  
 Log In Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_



# TORRENT LABORATORY, INC.

483 Sinclair Frontage Rd. • Milpitas, CA 95035 • Ph: (408) 263-5258 • Fax: (408) 263-8293

[www.torrentlab.com](http://www.torrentlab.com)

January 24, 2007

Keith Matthews  
Avalon Success Realestate  
1501 23rd Ave  
Oakland, CA 94606

TEL: (510) 776-2304  
FAX (510) 261-5588

RE: 7600 MacArthur Blvd

Order No.: 0701076

Dear Keith Matthews:

Torrent Laboratory, Inc. received 5 samples on 1/17/2007 for the analyses presented in the following report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc, is certified by the State of California, ELAP #1991. If you have any questions regarding these tests results, please feel free to contact the Project Management Team at (408)263-5258;ext: 204.

Sincerely,

  
Laboratory Director

1/23/07  
Date

Nutan Kabir  
PM





# TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at [www.torrentlab.com](http://www.torrentlab.com) email: [analysis@torrentlab.com](mailto:analysis@torrentlab.com)

Report prepared for: Keith Matthews  
Avalon Success Realestate

Date Received: 1/17/2007  
Date Reported: 1/24/2007

Client Sample ID: ST1  
Sample Location: 7600 MacArthur Blvd  
Sample Matrix: SOIL  
Date/Time Sampled 1/17/2007 10:15:00 AM

Lab Sample ID: 0701076-001  
Date Prepared: 1/17/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/18/2007	100	1	100	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	GC-MS	1/18/2007	0	1	57-127	76.2	%REC	R11652
Oil & Grease, Total	SM 5520 Mod.	1/19/2007	50	1	50	300	mg/Kg	R11688
Lead	SW6010B	1/21/2007	1	1	1.0	41	mg/Kg	3123
TPH (Diesel)	SW8015B	1/18/2007	2	1	2.00	ND	mg/Kg	R11680
Surr: Pentacosane	SW8015B	1/18/2007	0	1	53.5-127	67.5	%REC	R11680
Benzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethyl tert-butyl ether (ETBE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethylbenzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Isopropyl ether (DIPE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Methyl tert-butyl ether (MTBE)	SW8260B	1/18/2007	10	1	10	ND	µg/Kg	R11652
t-Butyl alcohol (t-Butanol)	SW8260B	1/18/2007	50	1	50	ND	µg/Kg	R11652
tert-Amyl methyl ether (TAME)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Toluene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Xylenes, Total	SW8260B	1/18/2007	15	1	15	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	SW8260B	1/18/2007	0	1	62.8-123	115	%REC	R11652
Surr: Dibromofluoromethane	SW8260B	1/18/2007	0	1	63.3-151	121	%REC	R11652
Surr: Toluene-d8	SW8260B	1/18/2007	0	1	60.8-124	95.4	%REC	R11652

Report prepared for: Keith Matthews  
 Avalon Success Realestate

Date Re ed: 1/17/2007  
 Date Reported: 1/24/2007

Client Sample ID: P1	Lab Sample ID: 0701076-002
Sample Location: 7600 MacArthur Blvd	Date Prepared: 1/17/2007
Sample Matrix: SOIL	
Date/Time Sampled 1/17/2007 10:20:00 AM	

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/18/2007	100	1	100	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	GC-MS	1/18/2007	0	1	57-127	92.6	%REC	R11652
Oil & Grease, Total	SM 5520 Mod.	1/19/2007	50	1	50	85	mg/Kg	R11688
Lead	SW6010B	1/21/2007	1	1	1.0	3.2	mg/Kg	3123
TPH (Diesel)	SW8015B	1/18/2007	2	1	2.00	ND	mg/Kg	R11680
Surr: Pentacosane	SW8015B	1/18/2007	0	1	53.5-127	64.1	%REC	R11680
Benzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethyl tert-butyl ether (ETBE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethylbenzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Isopropyl ether (DIPE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Methyl tert-butyl ether (MTBE)	SW8260B	1/18/2007	10	1	10	ND	µg/Kg	R11652
t-Butyl alcohol (t-Butanol)	SW8260B	1/18/2007	50	1	50	ND	µg/Kg	R11652
tert-Amyl methyl ether (TAME)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Toluene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Xylenes, Total	SW8260B	1/18/2007	15	1	15	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	SW8260B	1/18/2007	0	1	62.8-123	115	%REC	R11652
Surr: Dibromofluoromethane	SW8260B	1/18/2007	0	1	63.3-151	110	%REC	R11652
Surr: Toluene-d8	SW8260B	1/18/2007	0	1	60.8-124	79.2	%REC	R11652

Report prepared for: Keith Matthews  
Avalon Success Realestate

Date Received: 1/17/2007  
Date Reported: 1/24/2007

Client Sample ID: P2  
Sample Location: 7600 MacArthur Blvd  
Sample Matrix: SOIL  
Date/Time Sampled 1/17/2007 10:25:00 AM

Lab Sample ID: 0701076-003  
Date Prepared: 1/17/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/18/2007	100	1	100	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	GC-MS	1/18/2007	0	1	57-127	84.2	%REC	R11652
Oil & Grease, Total	SM 5520 Mod.	1/19/2007	50	1	50	55	mg/Kg	R11688
Lead	SW6010B	1/21/2007	1	1	1.0	2.9	mg/Kg	3123
TPH (Diesel)	SW8015B	1/18/2007	2	1	2.00	2.4 x	mg/Kg	R11680
Surr: Pentacosane	SW8015B	1/18/2007	0	1	53.5-127	67.1	%REC	R11680
Note: x- Sample chromatogram does not resemble typical diesel pattern. Hydrocarbons within the diesel range quantitated as diesel.								
Benzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethyl tert-butyl ether (ETBE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethylbenzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Isopropyl ether (DIPE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Methyl tert-butyl ether (MTBE)	SW8260B	1/18/2007	10	1	10	ND	µg/Kg	R11652
t-Butyl alcohol (t-Butanol)	SW8260B	1/18/2007	50	1	50	ND	µg/Kg	R11652
tert-Amyl methyl ether (TAME)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Toluene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Xylenes, Total	SW8260B	1/18/2007	15	1	15	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	SW8260B	1/18/2007	0	1	62.8-123	114	%REC	R11652
Surr: Dibromofluoromethane	SW8260B	1/18/2007	0	1	63.3-151	105	%REC	R11652
Surr: Toluene-d8	SW8260B	1/18/2007	0	1	60.8-124	80.7	%REC	R11652

Report prepared for: Keith Matthews  
Avalon Success Realestate

Date Received: 1/17/2007  
Date Reported: 1/24/2007

Client Sample ID: Comp (SP1 - SP4)      Lab Sample ID: 0701076-005  
Sample Location: 7600 MacArthur Blvd      Date Prepared: 1/17/2007  
Sample Matrix: SOIL  
Date/Time Sampled 1/17/2007

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
TPH (Gasoline)	GC-MS	1/18/2007	100	1	100	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	GC-MS	1/18/2007	0	1	57-127	66.6	%REC	R11652
Oil & Grease, Total	SM 5520 Mod.	1/19/2007	50	1	50	80	mg/Kg	R11688
Lead	SW6010B	1/21/2007	1	1	1.0	17	mg/Kg	3123
TPH (Diesel)	SW8015B	1/18/2007	2	1	2.00	ND	mg/Kg	R11680
Surr: Pentacosane	SW8015B	1/18/2007	0	1	53.5-127	73.8	%REC	R11680
Benzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethyl tert-butyl ether (ETBE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Ethylbenzene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Isopropyl ether (DIPE)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Methyl tert-butyl ether (MTBE)	SW8260B	1/18/2007	10	1	10	ND	µg/Kg	R11652
t-Butyl alcohol (t-Butanol)	SW8260B	1/18/2007	50	1	50	ND	µg/Kg	R11652
tert-Amyl methyl ether (TAME)	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Toluene	SW8260B	1/18/2007	5	1	5.0	ND	µg/Kg	R11652
Xylenes, Total	SW8260B	1/18/2007	15	1	15	ND	µg/Kg	R11652
Surr: 4-Bromofluorobenzene	SW8260B	1/18/2007	0	1	62.8-123	119	%REC	R11652
Surr: Dibromofluoromethane	SW8260B	1/18/2007	0	1	63.3-151	117	%REC	R11652
Surr: Toluene-d8	SW8260B	1/18/2007	0	1	60.8-124	88.5	%REC	R11652

**Definitions, legends and Notes**

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

Torrent Laboratory, Inc.

**ANALYTICAL QC SUMMARY REPORT**

**CLIENT:** Avalon Success Realestate  
**Work Order:** 0701076  
**Project:** 7600 MacArthur Blvd

**TestNo:** GC-MS

Sample ID: <b>MBLK</b>	SampType: <b>MBLK</b>	TestCode: <b>TPH_GAS_S_</b> Units: <b>µg/Kg</b>	Prep Date: <b>1/18/2007</b>	RunNo: <b>11652</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11652</b>	TestNo: <b>GC-MS</b>	Analysis Date: <b>1/18/2007</b>	SeqNo: <b>172598</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	ND	100			112	57	127				
Surr: 4-Bromofluorobenzene	55.90	0	50	0							

Sample ID: <b>LCS</b>	SampType: <b>LCS</b>	TestCode: <b>TPH_GAS_S_</b> Units: <b>µg/Kg</b>	Prep Date: <b>1/18/2007</b>	RunNo: <b>11652</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11652</b>	TestNo: <b>GC-MS</b>	Analysis Date: <b>1/18/2007</b>	SeqNo: <b>172596</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	945.0	100	1000	0	94.5	48.2	132				
Surr: 4-Bromofluorobenzene	39.20	0	50	0	78.4	57	127				

Sample ID: <b>LCSD</b>	SampType: <b>LCSD</b>	TestCode: <b>TPH_GAS_S_</b> Units: <b>µg/Kg</b>	Prep Date: <b>1/18/2007</b>	RunNo: <b>11652</b>							
Client ID: <b>ZZZZZ</b>	Batch ID: <b>R11652</b>	TestNo: <b>GC-MS</b>	Analysis Date: <b>1/18/2007</b>	SeqNo: <b>172597</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Gasoline)	914.4	100	1000	0	91.4	48.2	132	945	3.29	30	
Surr: 4-Bromofluorobenzene	50.10	0	50	0	100	57	127	0	0	0	

**Qualifiers:** 3 Recovery of the MS and/or MSD was out of control due to matrix interference  
 R RPD outside accepted recovery limits  
 4 The MS/MSD RPD was out of control due to matrix interference  
 S Spike Recovery outside accepted recovery limits  
 Q Spike recovery and RPD control limits do not apply result

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Avalon Success Realestate  
**Work Order:** 0701076  
**Project:** 7600 MacArthur Blvd

**TestNo:** SM 5520 Mod.

Sample ID: MB-R11688	SampType: MBLK	TestCode: TOG_S_5520	Units: mg/Kg	Prep Date: 1/17/2007	RunNo: 11688						
Client ID: ZZZZZ	Batch ID: R11688	TestNo: SM 5520 Mod		Analysis Date: 1/19/2007	SeqNo: 173186						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS-R11688	SampType: LCS	TestCode: TOG_S_5520	Units: mg/Kg	Prep Date: 1/17/2007	RunNo: 11688						
Client ID: ZZZZZ	Batch ID: R11688	TestNo: SM 5520 Mod		Analysis Date: 1/19/2007	SeqNo: 173187						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, Total	ND	50									

Sample ID: LCS-R11688	SampType: LCS	TestCode: TOG_S_5520	Units: mg/Kg	Prep Date: 1/17/2007	RunNo: 11688						
Client ID: ZZZZZ	Batch ID: R11688	TestNo: SM 5520 Mod		Analysis Date: 1/19/2007	SeqNo: 173187						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, Total	1860	50	2000	0	93.0	80	120				

**Qualifiers:** 3 Recovery of the MS and/or MSD was out of control due to matrix inter S Spike recovery and RPD control limits do not apply result  
 R RPD outside accepted recovery limits 4 The MS/MSD RPD was out of control due to matrix inter S Spike Recovery outside accepted recovery limits

CLIENT: Avalon Success Realestate  
 Work Order: 0701076  
 Project: 7600 MacArthur Blvd

## ANALYTICAL QC SUMMARY REPORT

TestNo: SW6010B

Sample ID: <b>MB-3123</b>	SampType: <b>MBLK</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/19/2007</b>	RunNo: <b>11662</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3123</b>	TestNo: <b>SW6010B</b>	( <b>SW3050B</b> )	Analysis Date: <b>1/21/2007</b>	SeqNo: <b>172856</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	ND	1.0			

Sample ID: <b>LCS-3123</b>	SampType: <b>LCS</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/19/2007</b>	RunNo: <b>11662</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3123</b>	TestNo: <b>SW6010B</b>	( <b>SW3050B</b> )	Analysis Date: <b>1/21/2007</b>	SeqNo: <b>172854</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	48.55	1.0	50	0	97.1 67.9 118

Sample ID: <b>LCSD-3123</b>	SampType: <b>LCSD</b>	TestCode: <b>6010B_S</b>	Units: <b>mg/Kg</b>	Prep Date: <b>1/19/2007</b>	RunNo: <b>11662</b>
Client ID: <b>ZZZZZ</b>	Batch ID: <b>3123</b>	TestNo: <b>SW6010B</b>	( <b>SW3050B</b> )	Analysis Date: <b>1/21/2007</b>	SeqNo: <b>172855</b>
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Lead	49.55	1.0	50	0	99.1 67.9 118 48.55 2.04 30

Qualifiers: 3 Recovery of the MS and/or MSD was out of control due to matrix inter 4 The MS/MSD RPD was out of control due to matrix inter Q Spike recovery and RPD control limits do not apply result  
 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits



CLIENT: Avalon Success Realestate  
 Work Order: 0701076  
 Project: 7600 MacArthur Blvd

## ANALYTICAL QC SUMMARY REPORT

TestNo: SW8015B

Sample ID: SD070118A-MB	SampType: MBLK	TestCode: TPHD_S	Units: mg/Kg	Prep Date: 1/18/2007	RunNo: 11680						
Client ID: ZZZZZ	Batch ID: R11680	TestNo: SW8015B		Analysis Date: 1/18/2007	SeqNo: 172992						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)	ND	2.00									
Surr: Pentacosane	2.599	0	3.3	0	78.8	53.5	127				

Sample ID: SD070118A-LCS	SampType: LCS	TestCode: TPHD_S	Units: mg/Kg	Prep Date: 1/18/2007	RunNo: 11680						
Client ID: ZZZZZ	Batch ID: R11680	TestNo: SW8015B		Analysis Date: 1/18/2007	SeqNo: 172993						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)	22.56	2.00	33.33	0	67.7	46.2	109				
Surr: Pentacosane	2.129	0	3.3	0	64.5	53.5	127				

Sample ID: SD070118A-LCSD	SampType: LCSD	TestCode: TPHD_S	Units: mg/Kg	Prep Date: 1/18/2007	RunNo: 11680						
Client ID: ZZZZZ	Batch ID: R11680	TestNo: SW8015B		Analysis Date: 1/18/2007	SeqNo: 172994						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH (Diesel)	23.70	2.00	33.33	0	71.1	46.2	109	22.56	4.92	30	
Surr: Pentacosane	2.476	0	3.3	0	75.0	53.5	127	0	0	0	

Qualifiers: 3 Recovery of the MS and/or MSD was out of control due to matrix inter 4 The MS/MSD RPD was out of control due to matrix inter Q Spike recovery and RPD control limits do not apply result  
 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Avalon Success Realestate  
 Work Order: 0701076  
 Project: 7600 MacArthur Blvd

# ANALYTICAL QC SUMMARY REPORT

TestNo: SW8260B

Sample ID: MBLK		SampType: MBLK		TestCode: 8260B_S		Units: µg/Kg		Prep Date: 1/19/2007		RunNo: 11652	
Client ID: ZZZZZ		Batch ID: R11652		TestNo: SW8260B				Analysis Date: 1/19/2007		SeqNo: 172683	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	10									
Ethyl tert-butyl ether (ETBE)	ND	10									
Ethylbenzene	ND	10									
Isopropyl ether (DIPE)	ND	10									
Methyl tert-butyl ether (MTBE)	ND	10									
t-Butyl alcohol (t-Butanol)	ND	50									
tert-Amyl methyl ether (TAME)	ND	10									
Toluene	ND	10									
Xylenes, Total	ND	20									
Surr: 4-Bromofluorobenzene	54.31	0	50	0	109	62.8	123				
Surr: Dibromofluoromethane	55.69	0	50	0	111	63.3	151				
Surr: Toluene-d8	45.12	0	50	0	90.2	60.8	124				

Sample ID: LCS		SampType: LCS		TestCode: 8260B_S		Units: µg/Kg		Prep Date: 1/19/2007		RunNo: 11652	
Client ID: ZZZZZ		Batch ID: R11652		TestNo: SW8260B				Analysis Date: 1/19/2007		SeqNo: 172681	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	53.20	10	50	0	106	68.2	132				
Toluene	48.20	10	50	0	96.4	49.3	119				
Surr: 4-Bromofluorobenzene	53.41	0	50	0	107	62.8	123				
Surr: Dibromofluoromethane	53.25	0	50	0	106	63.3	151				
Surr: Toluene-d8	46.02	0	50	0	92.0	60.8	124				

Sample ID: LCSD		SampType: LCSD		TestCode: 8260B_S		Units: µg/Kg		Prep Date: 1/19/2007		RunNo: 11652	
Client ID: ZZZZZ		Batch ID: R11652		TestNo: SW8260B				Analysis Date: 1/19/2007		SeqNo: 172682	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	44.30	10	50	0	88.6	68.2	132	53.2	18.3	30	
Toluene	42.70	10	50	0	85.4	49.3	119	48.2	12.1	30	
Surr: 4-Bromofluorobenzene	52.55	0	50	0	105	62.8	123	0	0	0	
Surr: Dibromofluoromethane	47.05	0	50	0	94.1	63.3	151	0	0	0	

**Qualifiers:** 3 Recovery of the MS and/or MSD was out of control due to matrix inter 4 The MS/MSD RPD was out of control due to matrix inter Q Spike recovery and RPD control limits do not apply result  
 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

# ANALYTICAL QC SUMMARY REPORT

**CLIENT:** Avalon Success Realestate  
**Work Order:** 0701076  
**Project:** 7600 MacArthur Blvd

**TestNo:** SW8260B

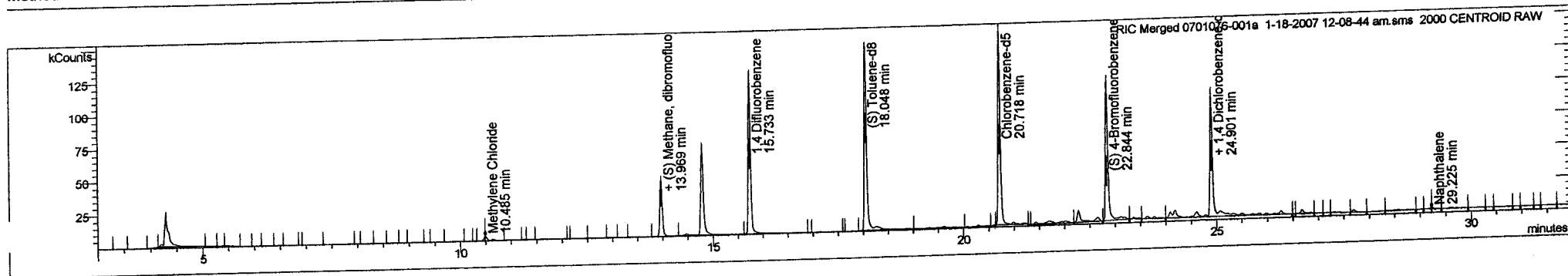
Sample ID: LCSD	SampType: LCSD	TestCode: 8260B_S	Units: µg/Kg	Prep Date: 1/19/2007	RunNo: 11652						
Client ID: ZZZZZ	Batch ID: R11652	TestNo: SW8260B		Analysis Date: 1/19/2007	SeqNo: 172682						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	51.99	0	50	0	104	60.8	124	0	0	0	

**Qualifiers:** 3 Recovery of the MS and/or MSD was out of control due to matrix inter 4 The MS/MSD RPD was out of control due to matrix inter Q Spike recovery and RPD control limits do not apply result  
 R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Print Date: 18 Jan 2007 10:32:20

## TORRENT LABORATORIES - EPA METHOD 8260B - SOIL

Sample ID: 0701076-001A Inj. Sample Notes: None Acquisition Date: 1/18/2007 12:08 AM  
 Operator: BEENA Instrument ID: GC/MS#1  
 Method: ...8-2007 12-08-44 am.sms Data File: ...nt data\2007\jan 07\sms 011607\0701076-001a 1-18-2007 12-08-44 am.sms



## Target Compounds

Cmpd. Number	RT (min)	Peak Name	CAS Number	IS RT (min)	Quan Ions	Area	Amount	Amount Units
27	14.782	Pentafluorobenzene	363-72-4	14.78	168.0	64621	50.00	ug/kg
31	15.733	1,4 Difluorobenzene	540-36-3	15.73	114.0	164087	50.00	ug/kg
47	20.718	Chlorobenzene-d5	3114-55-4	20.72	117.0	141394	50.00	ug/kg
69	24.901	1,4 Dichlorobenzene-d4	3855-82-1	24.90	152.0	42288	50.00	ug/kg
1	4.802	Dichlorodifluoromethane	None	14.78	85.0	0	0.00	ug/kg
2	5.315	Ethanol	64-17-5	14.78	45.0	0	0.00	ug/kg
3	5.459	Chloromethane	74-87-3	14.78	50.0	0	0.00	ug/kg
4	5.739	Vinyl Chloride	75-01-4	14.78	62.0	0	0.00	ug/kg
5	6.199	Chloroethane	None	14.78	64.0	0	0.00	ug/kg
6	6.780	Bromomethane	None	14.78	94.0	0	0.00	ug/kg
7	7.637	Trichlorofluoromethane	75-69-4	14.78	101.0	0	0.00	ug/kg
8	9.097	1,1 - Dichloroethene	75-35-4	14.78	96.0	0	0.00	ug/kg
9	9.242	Freon 113	76-13-1	14.78	151.0	0	0.00	ug/kg
10	10.485	Methylene Chloride	75-09-2	14.78	84.0	1845	2.55	ug/kg
11	10.739	Acetone	67-64-1	14.78	58.0	0	0.00	ug/kg
12	10.880	Ethene, trans-1,2-dichloro-	156-60-5	14.78	96.0	0	0.00	ug/kg
13	11.150	MTBE	156-60-5	14.78	73.0	0	0.00	ug/kg
14	11.356	tert-Butanol	75-65-0	14.78	59.0	0	0.00	ug/kg
15	11.916	Isopropyl ether	108-20-3	14.78	45.0	0	0.00	ug/kg
16	12.148	Ethane, 1,1-dichloro-	75-34-3	14.78	63.0	0	0.00	ug/kg
17	12.624	ETBE	637-92-3	14.78	59.0	0	0.00	ug/kg
18	13.184	Ethene, Cis-1,2-dichloro-	156-60-5	14.78	96.0	0	0.00	ug/kg
19	13.395	2,2-Dichloropropane	594-20-7	14.78	77.0	0	0.00	ug/kg
20	13.546	Methane, bromochloro-	74-97-5	15.73	128.0	0	0.00	ug/kg
21	13.659	Chloroform	67-66-3	14.78	83.0	0	0.00	ug/kg
22	13.973	Carbon Tetrachloride	56-23-5	14.78	117.0	0	0.00	ug/kg
23	13.969	(S) Methane, dibromofluoro-	1868-53-7	14.78	113.0	48155	57.59	ug/kg ✓
24	14.078	Ethane, 1,1,1-trichloro-	71-55-6	14.78	97.0	0	0.00	ug/kg
25	14.285	Propene, 1,1-dichloro-	563-58-6	14.78	75.0	0	0.00	ug/kg
26	14.726	Benzene	71-43-2	14.78	78.0	0	0.00	ug/kg
28	14.893	TAME	994-05-8	15.73	73.0	0	0.00	ug/kg
29	15.052	Ethane, 1,2-dichloro-	107-06-2	15.73	62.0	0	0.00	ug/kg
30	15.717	Trichloroethylene	79-01-6	15.73	130.0	0	0.00	ug/kg
32	16.428	Methane, dibromo-	74-95-3	15.73	93.0	0	0.00	ug/kg

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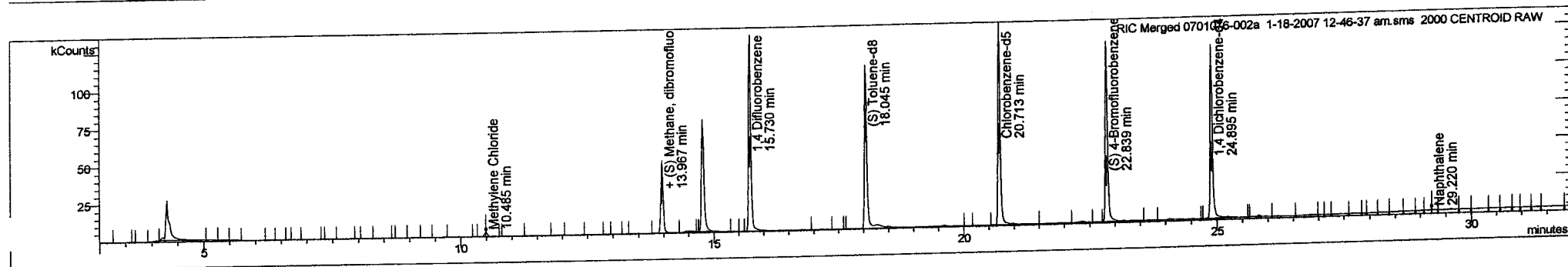
## TORRENT LABORATORIES - EPA METHOD 8260B - SOIL

Cmpd. Number	RT (min)	Peak Name	CAS Number	IS RT (min)	Quan Ions	Area	Amount	
							Amount	Units
33	16.591	Propane, 1,2-dichloro-	78-87-5	15.73	63.0	0	0.00	ug/kg
34	16.666	Methane, bromodichloro-	75-27-4	15.73	83.0	0	0.00	ug/kg
35	17.139	1,4-Dioxane	123-91-1	15.73	88.0	0	0.00	ug/kg
36	17.597	2-Chloroethyl vinyl ether	110-75-8	15.73	63.0	0	0.00	ug/kg
37	17.730	Cis-1,3-dichloropropene	542-75-6	15.73	75.0	0	0.00	ug/kg
38	18.048	(S) Toluene-d8	2037-26-5	20.72	98.0	199452	47.71	ug/kg
39	18.145	Toluene	108-88-3	24.90	92.0	0	0.00	ug/kg
40	18.511	4-Methyl-2-Pentanone (MIBK)	108-10-1	14.78	85.0+43.0	0	0.00	ug/kg
41	18.827	Tetrachloroethylene	127-18-4	24.90	164.0	0	0.00	ug/kg
42	18.794	Propene, trans-1,3-dichloro-	10061-01-5	20.72	75.0	0	0.00	ug/kg
43	19.075	Ethane, 1,1,2-trichloro-	79-00-5	20.72	83.0	0	0.00	ug/kg
44	19.410	Methane, dibromochloro-	124-48-1	20.72	129.0	0	0.00	ug/kg
45	19.562	Propane, 1,3-dichloro-	142-28-9	20.72	76.0	0	0.00	ug/kg
46	19.861	Ethane, 1,2-dibromo-	106-93-4	20.72	107.0	0	0.00	ug/kg
48	20.743	Ethyl Benzene	100-41-4	24.90	91.0	0	0.00	ug/kg
49	20.752	Benzene, chloro-	108-90-7	24.90	112.0	0	0.00	ug/kg
50	20.832	Ethane, 1,1,1,2-tetrachloro-	630-20-6	20.72	133.0	0	0.00	ug/kg
51	20.984	m,p-Xylene	106-42-3	24.90	106.0	0	0.00	ug/kg
52	21.757	O-Xylene	106-42-3	24.90	106.0	0	0.00	ug/kg
53	21.840	Styrene	100-42-5	20.72	104.0	0	0.00	ug/kg
54	21.926	Bromoform	75-25-2	24.90	173.0	0	0.00	ug/kg
55	22.285	Isopropyl Benzene	98-82-8	24.90	105.0	72067	60.52	ug/kg
56	22.844	(S) 4-Bromofluorobenzene	460-00-4	24.90	95.0	0	0.00	ug/kg
57	23.028	Benzene, n-propyl-	103-65-1	24.90	91.0	0	0.00	ug/kg
58	23.068	Benzene, bromo-	108-86-1	24.90	156.0	0	0.00	ug/kg
59	23.118	Ethane, 1,1,2,2-tetrachloro-	79-34-5	24.90	83.0	0	0.00	ug/kg
60	23.353	Benzene, 1,3,5-trimethyl-	108-67-8	24.90	105.0	0	0.00	ug/kg
61	23.413	1,2,3-trichloropropane	108-86-1	24.90	75.0	0	0.00	ug/kg
62	23.669	4-Chlorotoluene	108-41-8	24.90	91.0	0	0.00	ug/kg
63	23.669	2-Chlorotoluene	95-49-8	24.90	91.0	0	0.00	ug/kg
64	23.964	Benzene, tert-butyl-	98-06-6	24.90	119.0	0	0.00	ug/kg
65	24.086	Benzene, 1,2,4-trimethyl-	95-63-6	24.90	105.0	3012	0.30	ug/kg
66	24.290	Sec-Butyl Benzene	135-98-8	24.90	105.0	0	0.00	ug/kg
67	24.524	p-Isopropyltoluene	99-87-6	24.90	119.0	0	0.00	ug/kg
68	24.770	Benzene, 1,3-dichloro-	541-73-1	24.90	146.0	0	0.00	ug/kg
69	24.931	Benzene, 1,4-dichloro-	106-46-7	24.90	146.0	0	0.00	ug/kg
70	25.323	Benzene, n-butyl-	104-51-8	24.90	91.0	0	0.00	ug/kg
71	25.740	Benzene, 1,2-dichloro-	95-50-1	24.90	146.0	0	0.00	ug/kg
72	25.740	Benzene, 1,2-dichloro-	96-12-8	24.90	75.0	0	0.00	ug/kg
73	27.233	Propane, 1,2-dibromo-3-chloro-	96-12-8	24.90	75.0	0	0.00	ug/kg
74	28.475	Hexachlorobutadiene	87-68-3	24.90	225.0	0	0.00	ug/kg
75	28.572	Benzene, 1,2,4-trichloro-	120-82-1	24.90	180.0	0	0.00	ug/kg
76	29.225	Naphthalene	91-20-3	24.90	128.0	2267	N/A	ug/kg
77	29.603	Benzene, 1,2,3-trichloro-	87-61-6	15.73	180.0	0	0.00	ug/kg

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## TORRENT LABORATORIES - EPA METHOD 8260B - SOIL

Sample ID: 0701076-002A Inj. Sample Notes: None Acquisition Date: 1/18/2007 12:46 AM  
 Operator: BEENA Instrument ID: GC/MS#1  
 Method: ...8-2007 12-46-37 am.sms Data File: ...nt data\2007\jan 07\sms 011607\0701076-002a 1-18-2007 12-46-37 am.sms



## Target Compounds

Cmpd. Number	RT (min)	Peak Name	CAS Number	IS RT (min)	Quan Ions	Area	Amount	Units
27	14.779	Pentafluorobenzene	363-72-4	14.78	168.0	69991	50.00	ug/kg
31	15.730	1,4 Difluorobenzene	540-36-3	15.73	114.0	169796	50.00	ug/kg
47	20.713	Chlorobenzene-d5	3114-55-4	20.71	117.0	130791	50.00	ug/kg
69	24.895	1,4 Dichlorobenzene-d4	3855-82-1	24.89	152.0	50609	50.00	ug/kg
1	4.802	Dichlorodifluoromethane	None	14.78	85.0	0	0.00	ug/kg
2	5.315	Ethanol	64-17-5	14.78	45.0	0	0.00	ug/kg
3	5.459	Chloromethane	74-87-3	14.78	50.0	0	0.00	ug/kg
4	5.739	Vinyl Chloride	75-01-4	14.78	62.0	0	0.00	ug/kg
5	6.199	Chloroethane	None	14.78	64.0	0	0.00	ug/kg
6	6.780	Bromomethane	None	14.78	94.0	0	0.00	ug/kg
7	7.637	Trichlorofluoromethane	75-69-4	14.78	101.0	0	0.00	ug/kg
8	9.097	1,1 - Dichloroethene	75-35-4	14.78	96.0	0	0.00	ug/kg
9	9.242	Freon 113	76-13-1	14.78	151.0	0	0.00	ug/kg
10	10.485	Methylene Chloride	75-09-2	14.78	84.0	1375	1.58	ug/kg
1	10.739	Acetone	67-64-1	14.78	58.0	0	0.00	ug/kg
12	10.880	Ethene, trans-1,2-dichloro-	156-60-5	14.78	96.0	0	0.00	ug/kg
13	11.150	MTBE	156-60-5	14.78	73.0	0	0.00	ug/kg
14	11.356	tert-Butanol	75-65-0	14.78	59.0	0	0.00	ug/kg
15	11.916	Isopropyl ether	108-20-3	14.78	45.0	0	0.00	ug/kg
16	12.148	Ethane, 1,1-dichloro-	75-34-3	14.78	63.0	0	0.00	ug/kg
17	12.624	ETBE	637-92-3	14.78	59.0	0	0.00	ug/kg
18	13.184	Ethene, Cis-1,2-dichloro-	156-60-5	14.78	96.0	0	0.00	ug/kg
19	13.395	2,2-Dichloropropane	594-20-7	14.78	77.0	0	0.00	ug/kg
20	13.546	Methane, bromochloro-	74-97-5	15.73	128.0	0	0.00	ug/kg
21	13.659	Chloroform	67-66-3	14.78	83.0	0	0.00	ug/kg
22	13.973	Carbon Tetrachloride	56-23-5	14.78	117.0	0	0.00	ug/kg
23	13.967	(S) Methane, dibromofluoro-	1868-53-7	14.78	113.0	52231	57.67	ug/kg
24	14.078	Ethane, 1,1,1-trichloro-	71-55-6	14.78	97.0	0	0.00	ug/kg
25	14.285	Propene, 1,1-dichloro-	563-58-6	14.78	75.0	0	0.00	ug/kg
26	14.726	Benzene	71-43-2	14.78	78.0	0	0.00	ug/kg
28	14.893	TAME	994-05-8	15.73	73.0	0	0.00	ug/kg
29	15.052	Ethane, 1,2-dichloro-	107-06-2	15.73	62.0	0	0.00	ug/kg
30	15.717	Trichloroethylene	79-01-6	15.73	130.0	0	0.00	ug/kg
32	16.428	Methane, dibromo-	74-95-3	15.73	93.0	0	0.00	ug/kg

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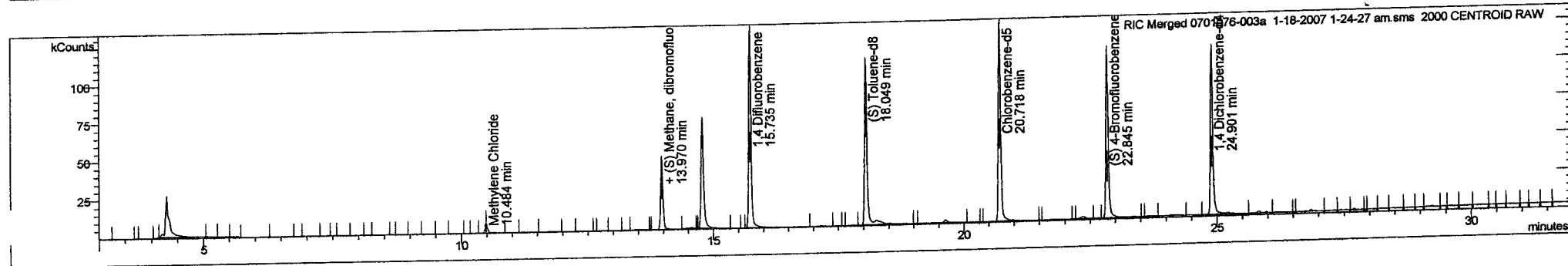
## TORRENT LABORATORIES - EPA METHOD 8260B - SOIL

Cmpd. Number	RT (min)	Peak Name	CAS Number	IS RT (min)	Quan Ions	Area	Amount	
							Amount	Units
						0	0.00	ug/kg
33	16.591	Propane, 1,2-dichloro-	78-87-5	15.73	63.0	0	0.00	ug/kg
34	16.666	Methane, bromodichloro-	75-27-4	15.73	83.0	0	0.00	ug/kg
35	17.139	1,4-Dioxane	123-91-1	15.73	88.0	0	0.00	ug/kg
36	17.597	2-Chloroethyl vinyl ether	110-75-8	15.73	63.0	0	0.00	ug/kg
37	17.730	Cis-1,3-dichloropropene	542-75-6	15.73	75.0	0	0.00	ug/kg
38	18.045	(S) Toluene-d8	2037-26-5	20.71	98.0	146954	39.58	ug/kg
39	18.145	Toluene	108-88-3	24.89	92.0	0	0.00	ug/kg
40	18.511	4-Methyl-2-Pentanone (MIBK)	108-10-1	14.78	85.0+43.0	0	0.00	ug/kg
41	18.827	Tetrachloroethylene	127-18-4	24.89	164.0	0	0.00	ug/kg
42	18.794	Propene, trans-1,3-dichloro-	10061-01-5	20.71	75.0	0	0.00	ug/kg
43	19.075	Ethane, 1,1,2-trichloro-	79-00-5	20.71	83.0	0	0.00	ug/kg
44	19.410	Methane, dibromochloro-	124-48-1	20.71	129.0	0	0.00	ug/kg
45	19.562	Propane, 1,3-dichloro-	142-28-9	20.71	76.0	0	0.00	ug/kg
46	19.861	Ethane, 1,2-dibromo-	106-93-4	20.71	107.0	0	0.00	ug/kg
48	20.743	Ethyl Benzene	100-41-4	24.89	91.0	0	0.00	ug/kg
49	20.752	Benzene, chloro-	108-90-7	24.89	112.0	0	0.00	ug/kg
50	20.832	Ethane, 1,1,1,2-tetrachloro-	630-20-6	20.71	133.0	0	0.00	ug/kg
51	20.984	m,p-Xylene	106-42-3	24.89	106.0	0	0.00	ug/kg
52	21.757	O-Xylene	106-42-3	24.89	106.0	0	0.00	ug/kg
53	21.840	Styrene	100-42-5	20.71	104.0	0	0.00	ug/kg
54	21.926	Bromoform	75-25-2	24.89	173.0	0	0.00	ug/kg
55	22.285	Isopropyl Benzene	98-82-8	24.89	105.0	0	0.00	ug/kg
56	22.839	(S) 4-Bromofluorobenzene	460-00-4	24.89	95.0	78703	55.16	ug/kg
57	23.028	Benzene, n-propyl-	103-65-1	24.89	91.0	0	0.00	ug/kg
58	23.068	Benzene, bromo-	108-86-1	24.89	156.0	0	0.00	ug/kg
59	23.118	Ethane, 1,1,2,2-tetrachloro-	79-34-5	24.89	83.0	0	0.00	ug/kg
60	23.353	Benzene, 1,3,5-trimethyl-	108-67-8	24.89	105.0	0	0.00	ug/kg
61	23.413	1,2,3-trichloropropane	108-86-1	24.89	75.0	0	0.00	ug/kg
62	23.669	4-Chlorotoluene	108-41-8	24.89	91.0	0	0.00	ug/kg
63	23.669	2-Chlorotoluene	95-49-8	24.89	91.0	0	0.00	ug/kg
64	23.964	Benzene, tert-butyl-	98-06-6	24.89	119.0	0	0.00	ug/kg
65	24.085	Benzene, 1,2,4-trimethyl-	95-63-6	24.89	105.0	0	0.00	ug/kg
66	24.290	Sec-Butyl Benzene	135-98-8	24.89	105.0	0	0.00	ug/kg
67	24.524	p-Isopropyltoluene	99-87-6	24.89	119.0	0	0.00	ug/kg
68	24.770	Benzene, 1,3-dichloro-	541-73-1	24.89	146.0	0	0.00	ug/kg
69	24.931	Benzene, 1,4-dichloro-	106-46-7	24.89	146.0	0	0.00	ug/kg
70	24.931	Benzene, 1,4-dichloro-	106-46-7	24.89	91.0	0	0.00	ug/kg
71	25.323	Benzene, n-butyl-	104-51-8	24.89	146.0	0	0.00	ug/kg
72	25.740	Benzene, 1,2-dichloro-	95-50-1	24.89	146.0	0	0.00	ug/kg
73	27.233	Propane, 1,2-dibromo-3-chloro-	96-12-8	24.89	75.0	0	0.00	ug/kg
74	28.475	Hexachlorobutadiene	87-68-3	24.89	225.0	0	0.00	ug/kg
75	28.572	Benzene, 1,2,4-trichloro-	120-82-1	24.89	180.0	0	0.00	ug/kg
76	29.220	Naphthalene	91-20-3	24.89	128.0	1029	N/A	ug/kg
77	29.603	Benzene, 1,2,3-trichloro-	87-61-6	15.73	180.0	0	0.00	ug/kg

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## TORRENT LABORATORIES - EPA METHOD 8260B - SOIL

Sample ID: 0701076-003A Inj. Sample Notes: None Acquisition Date: 1/18/2007 1:24 AM  
 Operator: BEENA Instrument ID: GC/MS#1  
 Method: ...18-2007 1-24-27 am.sms Data File: ...ent data\2007\jan 07\sms 011607\0701076-003a 1-18-2007 1-24-27 am.sms



## Target Compounds

Cmpd. Number	RT (min)	Peak Name	CAS Number	IS RT (min)	Quan Ions	Area	Amount	Units
27	14.783	Pentafluorobenzene	363-72-4	14.78	168.0	69112	50.00	ug/kg
31	15.735	1,4 Difluorobenzene	540-36-3	15.73	114.0	171117	50.00	ug/kg
47	20.718	Chlorobenzene-d5	3114-55-4	20.72	117.0	129939	50.00	ug/kg
69	24.901	1,4 Dichlorobenzene-d4	3855-82-1	24.90	152.0	48810	50.00	ug/kg
1	4.802	Dichlorodifluoromethane	None	14.78	85.0	0	0.00	ug/kg
2	5.315	Ethanol	64-17-5	14.78	45.0	0	0.00	ug/kg
3	5.459	Chloromethane	74-87-3	14.78	50.0	0	0.00	ug/kg
4	5.739	Vinyl Chloride	75-01-4	14.78	62.0	0	0.00	ug/kg
5	6.199	Chloroethane	None	14.78	64.0	0	0.00	ug/kg
6	6.780	Bromomethane	None	14.78	94.0	0	0.00	ug/kg
7	7.637	Trichlorofluoromethane	75-69-4	14.78	101.0	0	0.00	ug/kg
8	9.097	1,1 - Dichloroethene	75-35-4	14.78	96.0	0	0.00	ug/kg
9	9.242	Freon 113	76-13-1	14.78	151.0	0	0.00	ug/kg
10	10.484	Methylene Chloride	75-09-2	14.78	84.0	2235	2.97	ug/kg
11	10.739	Acetone	67-64-1	14.78	58.0	0	0.00	ug/kg
12	10.880	Ethene, trans-1,2-dichloro-	156-60-5	14.78	96.0	0	0.00	ug/kg
13	11.150	MTBE	156-60-5	14.78	73.0	0	0.00	ug/kg
14	11.356	tert-Butanol	75-65-0	14.78	59.0	0	0.00	ug/kg
15	11.916	Isopropyl ether	108-20-3	14.78	45.0	0	0.00	ug/kg
16	12.148	Ethane, 1,1-dichloro-	75-34-3	14.78	63.0	0	0.00	ug/kg
17	12.624	ETBE	637-92-3	14.78	59.0	0	0.00	ug/kg
18	13.184	Ethene, Cis-1,2-dichloro-	156-60-5	14.78	96.0	0	0.00	ug/kg
19	13.395	2,2-Dichloropropane	594-20-7	14.78	77.0	0	0.00	ug/kg
20	13.546	Methane, bromochloro-	74-97-5	15.73	128.0	0	0.00	ug/kg
21	13.659	Chloroform	67-66-3	14.78	83.0	0	0.00	ug/kg
22	13.973	Carbon Tetrachloride	56-23-5	14.78	117.0	0	0.00	ug/kg
23	13.970	(S) Methane, dibromofluoro-	1868-53-7	14.78	113.0	50883	56.90	ug/kg
24	14.078	Ethane, 1,1,1-trichloro-	71-55-6	14.78	97.0	0	0.00	ug/kg
25	14.285	Propene, 1,1-dichloro-	563-58-6	14.78	75.0	0	0.00	ug/kg
26	14.726	Benzene	71-43-2	14.78	78.0	0	0.00	ug/kg
28	14.893	TAME	994-05-8	15.73	73.0	0	0.00	ug/kg
29	15.052	Ethane, 1,2-dichloro-	107-06-2	15.73	62.0	0	0.00	ug/kg
30	15.717	Trichloroethylene	79-01-6	15.73	130.0	0	0.00	ug/kg
32	16.428	Methane, dibromo-	74-95-3	15.73	93.0	0	0.00	ug/kg



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## TORRENT LABORATORIES - EPA METHOD 8260B - SOIL

Cmpd. Number	RT (min)	Peak Name	CAS Number	IS RT (min)	Quan Ions	Area	Amount	
							Amount	Units
33	16.591	Propane, 1,2-dichloro-	78-87-5	15.73	63.0	0	0.00	ug/kg
34	16.666	Methane, bromodichloro-	75-27-4	15.73	83.0	0	0.00	ug/kg
35	17.139	1,4-Dioxane	123-91-1	15.73	88.0	0	0.00	ug/kg
36	17.597	2-Chloroethyl vinyl ether	110-75-8	15.73	63.0	0	0.00	ug/kg
37	17.730	Cis-1,3-dichloropropene	542-75-6	15.73	75.0	0	0.00	ug/kg
38	18.049	(S) Toluene-d8	2037-26-5	20.72	98.0	149348	40.33	ug/kg
39	18.145	Toluene	108-88-3	24.90	92.0	0	0.00	ug/kg
40	18.511	4-Methyl-2-Pentanone (MIBK)	108-10-1	14.78	85.0+43.0	0	0.00	ug/kg
41	18.827	Tetrachloroethylene	127-18-4	24.90	164.0	0	0.00	ug/kg
42	18.794	Propene, trans-1,3-dichloro-	10061-01-5	20.72	75.0	0	0.00	ug/kg
43	19.075	Ethane, 1,1,2-trichloro-	79-00-5	20.72	83.0	0	0.00	ug/kg
44	19.410	Methane, dibromochloro-	124-48-1	20.72	129.0	0	0.00	ug/kg
45	19.562	Propane, 1,3-dichloro-	142-28-9	20.72	76.0	0	0.00	ug/kg
46	19.861	Ethane, 1,2-dibromo-	106-93-4	20.72	107.0	0	0.00	ug/kg
48	20.743	Ethyl Benzene	100-41-4	24.90	91.0	0	0.00	ug/kg
49	20.752	Benzene, chloro-	108-90-7	24.90	112.0	0	0.00	ug/kg
50	20.832	Ethane, 1,1,1,2-tetrachloro-	630-20-6	20.72	133.0	0	0.00	ug/kg
51	20.984	m,p-Xylene	106-42-3	24.90	106.0	0	0.00	ug/kg
52	21.757	O-Xylene	106-42-3	24.90	106.0	0	0.00	ug/kg
53	21.840	Styrene	100-42-5	20.72	104.0	0	0.00	ug/kg
54	21.926	Bromoform	75-25-2	24.90	173.0	0	0.00	ug/kg
55	22.285	Isopropyl Benzene	98-82-8	24.90	105.0	0	0.00	ug/kg
56	22.845	(S) 4-Bromofluorobenzene	460-00-4	24.90	95.0	72581	52.71	ug/kg
57	23.028	Benzene, n-propyl-	103-65-1	24.90	91.0	0	0.00	ug/kg
58	23.068	Benzene, bromo-	108-86-1	24.90	156.0	0	0.00	ug/kg
59	23.118	Ethane, 1,1,2,2-tetrachloro-	79-34-5	24.90	83.0	0	0.00	ug/kg
60	23.353	Benzene, 1,3,5-trimethyl-	108-67-8	24.90	105.0	0	0.00	ug/kg
61	23.413	1,2,3-trichloropropane	108-86-1	24.90	75.0	0	0.00	ug/kg
62	23.669	4-Chlorotoluene	108-41-8	24.90	91.0	0	0.00	ug/kg
63	23.669	2-Chlorotoluene	95-49-8	24.90	91.0	0	0.00	ug/kg
64	23.964	Benzene, tert-butyl-	98-06-6	24.90	119.0	0	0.00	ug/kg
65	24.085	Benzene, 1,2,4-trimethyl-	95-63-6	24.90	105.0	0	0.00	ug/kg
66	24.290	Sec-Butyl Benzene	135-98-8	24.90	105.0	0	0.00	ug/kg
67	24.524	p-Isopropyltoluene	99-87-6	24.90	119.0	0	0.00	ug/kg
68	24.770	Benzene, 1,3-dichloro-	541-73-1	24.90	146.0	0	0.00	ug/kg
70	24.931	Benzene, 1,4-dichloro-	106-46-7	24.90	146.0	0	0.00	ug/kg
71	25.323	Benzene, n-butyl-	104-51-8	24.90	91.0	0	0.00	ug/kg
72	25.740	Benzene, 1,2-dichloro-	95-50-1	24.90	146.0	0	0.00	ug/kg
73	27.233	Propane, 1,2-dibromo-3-chloro-	96-12-8	24.90	75.0	0	0.00	ug/kg
74	28.475	Hexachlorobutadiene	87-68-3	24.90	225.0	0	0.00	ug/kg
75	28.572	Benzene, 1,2,4-trichloro-	120-82-1	24.90	180.0	0	0.00	ug/kg
76	29.224	Naphthalene	91-20-3	24.90	128.0	0	0.00	ug/kg
77	29.603	Benzene, 1,2,3-trichloro-	87-61-6	15.73	180.0	0	0.00	ug/kg

Print Date: 18 Jan 2007 10:36:50

## TORRENT LABORATORIES - EPA METHOD 8260B - SOIL

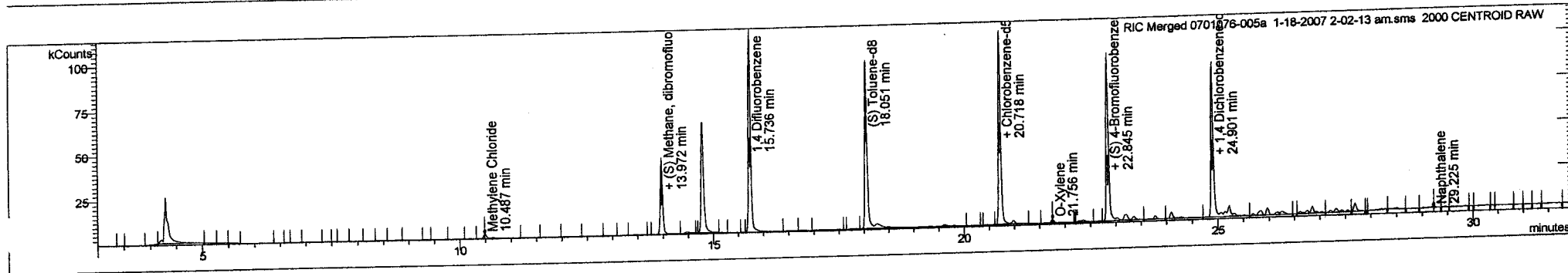
Sample ID: 0701076-005A  
 Operator: BEENA  
 Method: ...18-2007 2-02-13 am.sms

Inj. Sample Notes:  
 Instrument ID:  
 Data File:

None  
 GC/MS#1  
 ...ent data\2007\jan 07\sms 011607\0701076-005a

Acquisition Date: 1/18/2007 2:02 AM

1-18-2007 2-02-13 am.sms



## Target Compounds

Cmpd. Number	RT (min)	Peak Name	CAS Number	IS RT (min)	Quan Ions	Area	Amount	Units
27	14.783	Pentafluorobenzene	363-72-4	14.78	168.0	58621	50.00	ug/kg
31	15.736	1,4 Difluorobenzene	540-36-3	15.74	114.0	138909	50.00	ug/kg
47	20.718	Chlorobenzene-d5	3114-55-4	20.72	117.0	100512	50.00	ug/kg
69	24.901	1,4 Dichlorobenzene-d4	3855-82-1	24.90	152.0	36675	50.00	ug/kg
1	4.802	Dichlorodifluoromethane	None	14.78	85.0	0	0.00	ug/kg
2	5.315	Ethanol	64-17-5	14.78	45.0	0	0.00	ug/kg
3	5.459	Chloromethane	74-87-3	14.78	50.0	0	0.00	ug/kg
4	5.739	Vinyl Chloride	75-01-4	14.78	62.0	0	0.00	ug/kg
5	6.199	Chloroethane	None	14.78	64.0	0	0.00	ug/kg
6	6.780	Bromomethane	None	14.78	94.0	0	0.00	ug/kg
7	7.637	Trichlorofluoromethane	75-69-4	14.78	101.0	0	0.00	ug/kg
8	9.097	1,1 - Dichloroethene	75-35-4	14.78	96.0	0	0.00	ug/kg
9	9.242	Freon 113	76-13-1	14.78	151.0	0	0.00	ug/kg
10	10.487	Methylene Chloride	75-09-2	14.78	84.0	1297	0.00	ug/kg
11	10.739	Acetone	67-64-1	14.78	58.0	0	0.00	ug/kg
12	10.880	Ethene, trans-1,2-dichloro-	156-60-5	14.78	96.0	0	0.00	ug/kg
13	11.150	MTBE	156-60-5	14.78	73.0	0	0.00	ug/kg
14	11.356	tert-Butanol	75-65-0	14.78	59.0	0	0.00	ug/kg
15	11.916	Isopropyl ether	108-20-3	14.78	45.0	0	0.00	ug/kg
16	12.148	Ethane, 1,1-dichloro-	75-34-3	14.78	63.0	0	0.00	ug/kg
17	12.624	ETBE	637-92-3	14.78	59.0	0	0.00	ug/kg
18	13.184	Ethene, Cis-1,2-dichloro-	156-60-5	14.78	96.0	0	0.00	ug/kg
19	13.395	2,2-Dichloropropane	594-20-7	14.78	77.0	0	0.00	ug/kg
20	13.546	Methane, bromochloro-	74-97-5	15.74	128.0	0	0.00	ug/kg
21	13.659	Chloroform	67-66-3	14.78	83.0	0	0.00	ug/kg
22	13.973	Carbon Tetrachloride	56-23-5	14.78	117.0	0	0.00	ug/kg
23	13.972	(S) Methane, dibromofluoro-	1868-53-7	14.78	113.0	45132	59.48	ug/kg
24	14.078	Ethane, 1,1,1-trichloro-	71-55-6	14.78	97.0	0	0.00	ug/kg
25	14.285	Propene, 1,1-dichloro-	563-58-6	14.78	75.0	0	0.00	ug/kg
26	14.726	Benzene	71-43-2	14.78	78.0	0	0.00	ug/kg
28	14.893	TAME	994-05-8	15.74	73.0	0	0.00	ug/kg
29	15.052	Ethane, 1,2-dichloro-	107-06-2	15.74	62.0	0	0.00	ug/kg
30	15.717	Trichloroethylene	79-01-6	15.74	130.0	0	0.00	ug/kg
32	16.428	Methane, dibromo-	74-95-3	15.74	93.0	0	0.00	ug/kg

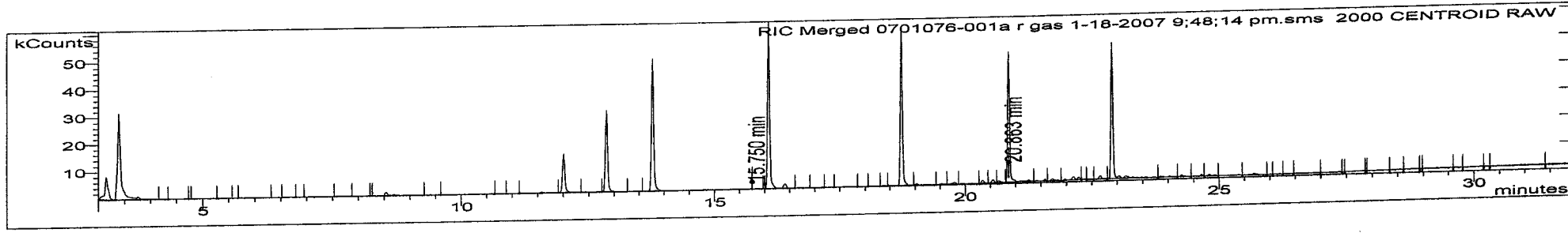
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## TORRENT LABORATORIES - EPA METHOD 8260B - SOIL

Cmpd. Number	RT (min)	Peak Name	CAS	IS RT	Quan Ions	Area	Amount	
			Number	(min)			Amount	Units
33	16.591	Propane, 1,2-dichloro-	78-87-5	15.74	63.0	0	0.00	ug/kg
34	16.666	Methane, bromodichloro-	75-27-4	15.74	83.0	0	0.00	ug/kg
35	17.139	1,4-Dioxane	123-91-1	15.74	88.0	0	0.00	ug/kg
36	17.597	2-Chloroethyl vinyl ether	110-75-8	15.74	63.0	0	0.00	ug/kg
37	17.730	Cis-1,3-dichloropropene	542-75-6	15.74	75.0	0	0.00	ug/kg
38	18.051	(S) Toluene-d8	2037-26-5	20.72	98.0	129266	44.25	ug/kg
39	18.145	Toluene	108-88-3	24.90	92.0	0	0.00	ug/kg
40	18.511	4-Methyl-2-Pentanone (MIBK)	108-10-1	14.78	85.0+43.0	0	0.00	ug/kg
41	18.827	Tetrachloroethylene	127-18-4	24.90	164.0	0	0.00	ug/kg
42	18.794	Propene, trans-1,3-dichloro-	10061-01-5	20.72	75.0	0	0.00	ug/kg
43	19.075	Ethane, 1,1,2-trichloro-	79-00-5	20.72	83.0	0	0.00	ug/kg
44	19.410	Methane, dibromochloro-	124-48-1	20.72	129.0	0	0.00	ug/kg
45	19.562	Propane, 1,3-dichloro-	142-28-9	20.72	76.0	0	0.00	ug/kg
46	19.861	Ethane, 1,2-dibromo-	106-93-4	20.72	107.0	0	0.00	ug/kg
48	20.743	Ethyl Benzene	100-41-4	24.90	91.0	0	0.00	ug/kg
49	20.752	Benzene, chloro-	108-90-7	24.90	112.0	0	0.00	ug/kg
50	20.832	Ethane, 1,1,1,2-tetrachloro-	630-20-6	20.72	133.0	0	0.00	ug/kg
51	20.986	m,p-Xylene	106-42-3	24.90	106.0	1175	2.59	ug/kg
52	21.756	O-Xylene	106-42-3	24.90	106.0	1013	1.32	ug/kg
53	21.840	Styrene	100-42-5	20.72	104.0	0	0.00	ug/kg
54	21.926	Bromoform	75-25-2	24.90	173.0	0	0.00	ug/kg
55	22.285	Isopropyl Benzene	98-82-8	24.90	105.0	0	0.00	ug/kg
56	22.845	(S) 4-Bromofluorobenzene	460-00-4	24.90	95.0	60400	58.46	ug/kg
57	23.031	Benzene, n-propyl-	103-65-1	24.90	91.0	1975	0.45	ug/kg
58	23.068	Benzene, bromo-	108-86-1	24.90	156.0	0	0.00	ug/kg
59	23.118	Ethane, 1,1,2,2-tetrachloro-	79-34-5	24.90	83.0	0	0.00	ug/kg
60	23.355	Benzene, 1,3,5-trimethyl-	108-67-8	24.90	105.0	2341	0.40	ug/kg
61	23.413	1,2,3-trichloropropane	108-86-1	24.90	75.0	0	0.00	ug/kg
62	23.669	4-Chlorotoluene	108-41-8	24.90	91.0	0	0.00	ug/kg
63	23.669	2-Chlorotoluene	95-49-8	24.90	91.0	0	0.00	ug/kg
64	23.964	Benzene, tert-butyl-	98-06-6	24.90	119.0	0	0.00	ug/kg
65	24.088	Benzene, 1,2,4-trimethyl-	95-63-6	24.90	105.0	4158	0.84	ug/kg
66	24.290	Sec-Butyl Benzene	135-98-8	24.90	105.0	0	0.00	ug/kg
67	24.524	p-Isopropyltoluene	99-87-6	24.90	119.0	0	0.00	ug/kg
68	24.770	Benzene, 1,3-dichloro-	541-73-1	24.90	146.0	0	0.00	ug/kg
70	24.931	Benzene, 1,4-dichloro-	106-46-7	24.90	146.0	0	0.00	ug/kg
71	25.323	Benzene, n-butyl-	104-51-8	24.90	91.0	0	0.00	ug/kg
72	25.740	Benzene, 1,2-dichloro-	95-50-1	24.90	146.0	0	0.00	ug/kg
73	27.233	Propane, 1,2-dibromo-3-chloro-	96-12-8	24.90	75.0	0	0.00	ug/kg
74	28.475	Hexachlorobutadiene	87-68-3	24.90	225.0	0	0.00	ug/kg
75	28.572	Benzene, 1,2,4-trichloro-	120-82-1	24.90	180.0	0	0.00	ug/kg
76	29.225	Naphthalene	91-20-3	24.90	128.0	1223	N/A	ug/kg
77	29.603	Benzene, 1,2,3-trichloro-	87-61-6	15.74	180.0	0	0.00	ug/kg

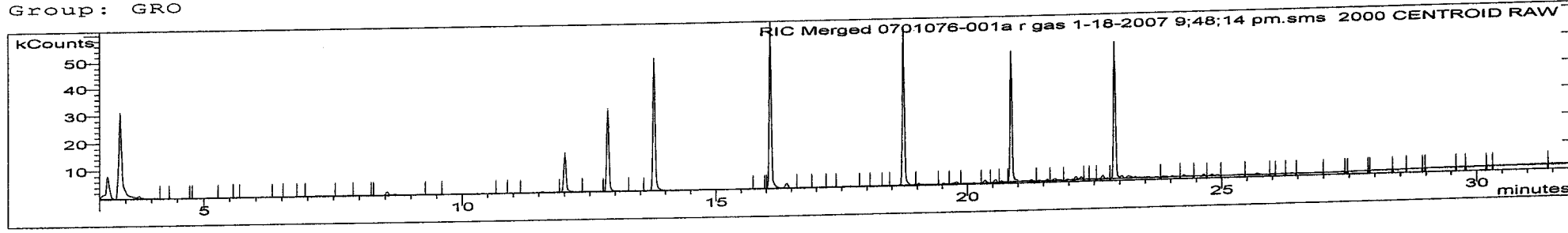
# TORRENT LABORATORIES - EPA METHOD 8260B - Waters

Sample ID:	0701076-001A R gas	Operator:	Yelena
Instrument ID:	Varian GC/MS #2	Acquisition Date:	1/18/2007 9:48 PM
Method:	...8260s_011807.5pt.mth	Data File:	...-2007 9:48;14 pm.sms



<u>Target Compounds</u>					<u>Area</u>	<u>Amount</u>
#	RT	Compound Name	Res Type	Quan Ions		N/A ug/kg
1	15.750	TPH (Gasoline)	Id.	RIC	953467	38.12 ug/kg
2	20.863	(S) 4-Bromofluorobenzene	Id.	95.0	28336	0
					953467	

Group: GRO

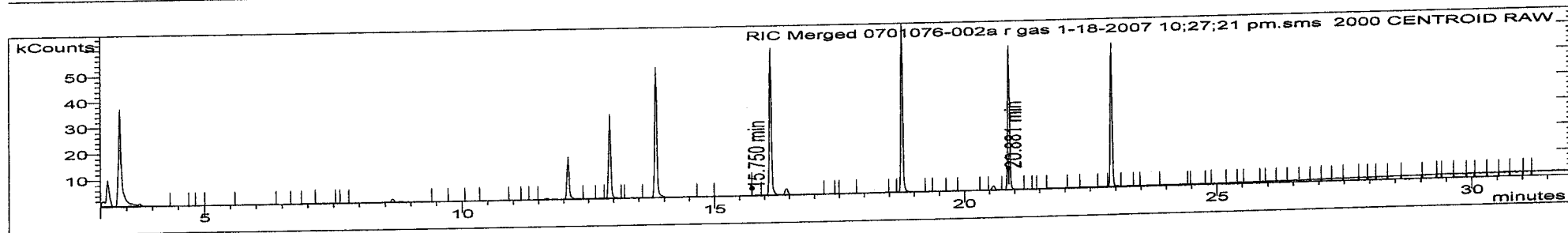


Unidentified Peaks  
None

# TORRENT LABORATORIES - EPA METHOD 8260B - Waters

Sample ID: 0701076-002A R gas  
 Instrument ID: Varian GC/MS #2  
 Method: ...8260s\_011807.5pt.mth

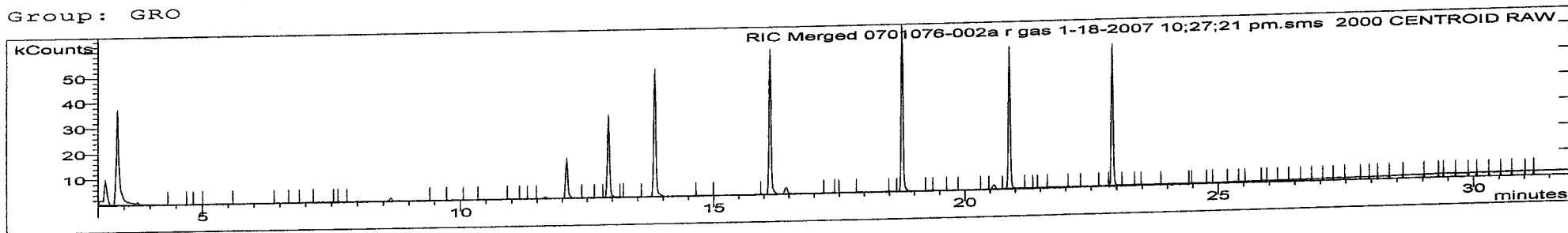
Operator: Yelena  
 Acquisition Date: 1/18/2007 10:27 PM  
 Data File: ...2007 10;27;21 pm.sms



**Target Compounds**

#	RT	Compound Name	Res Type	Quan Ions	Area	Amount
1	15.750	TPH (Gasoline)	Id.	RIC	948455	N/A ug/kg
2	20.881	(S) 4-Bromofluorobenzene	Id.	95.0	34397	46.27 ug/kg
					948455	0

Group: GRO

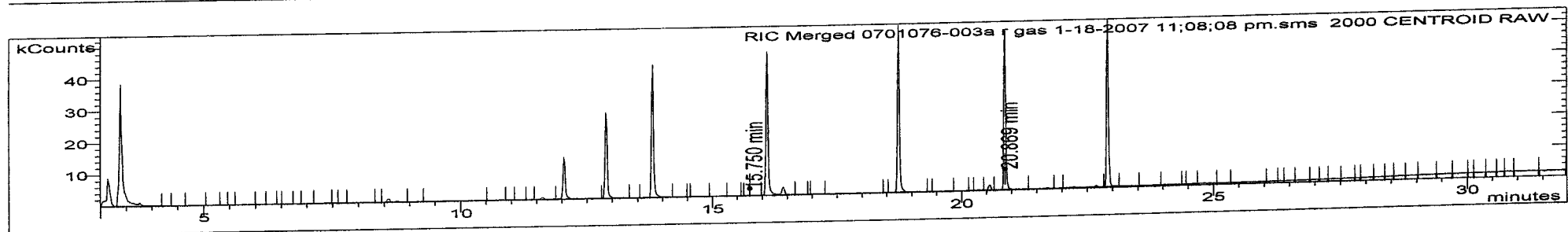


**Unidentified Peaks**

None

# TORRENT LABORATORIES - EPA METHOD 8260B - Waters

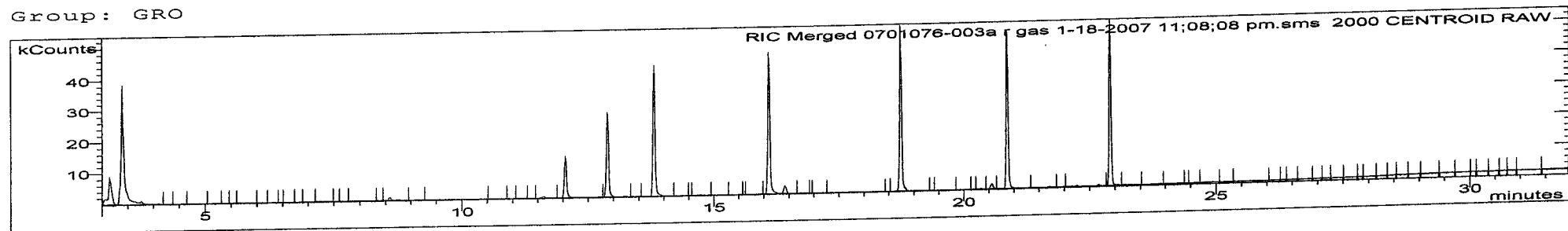
Sample ID:	0701076-003A R gas	Operator:	Yelena
Instrument ID:	Varian GC/MS #2	Acquisition Date:	1/18/2007 11:08 PM
Method:	...8260s_011807.5pt.mth	Data File:	...2007 11;08;08 pm.sms



**Target Compounds**

#	RT	Compound Name	Res Type	Quan Ions	Area	Amount
1	15.750	TPH (Gasoline)	Id.	RIC	823820	N/A ug/kg
2	20.869	(S) 4-Bromofluorobenzene	Id.	95.0	31255	42.05 ug/kg
					823820	0

Group: GRO

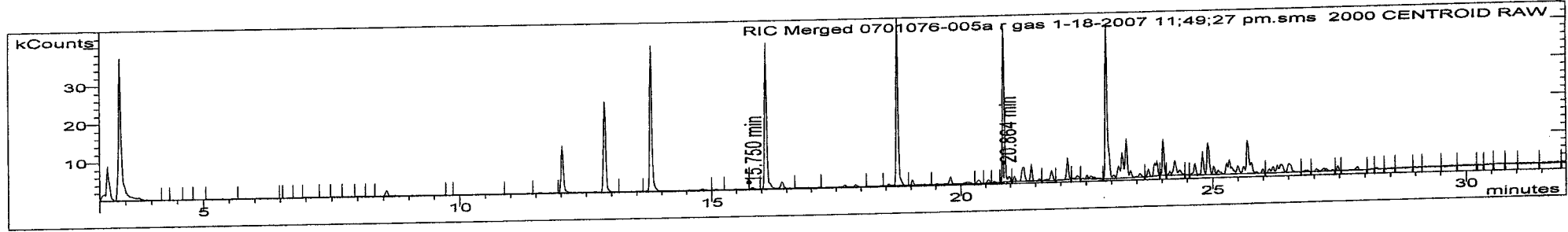


**Unidentified Peaks**

None

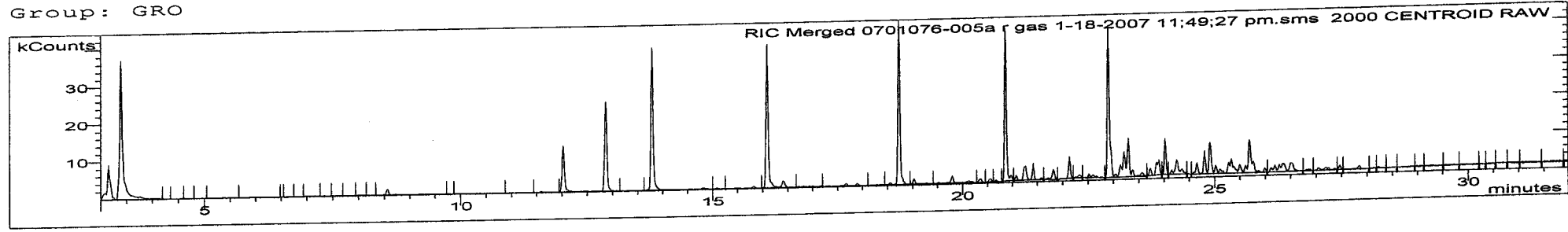
# TORRENT LABORATORIES - EPA METHOD 8260B - Waters

Sample ID:	0701076-005A R gas	Operator:	Yelena
Instrument ID:	Varian GC/MS #2	Acquisition Date:	1/18/2007 11:49 PM
Method:	...8260s_011807.5pt.mth	Data File:	...2007 11:49:27 pm.sms



Target Compounds			Res Type	Quan Ions	Area	Amount
#	RT	Compound Name	Id.	RIC		
1	15.750	TPH (Gasoline)	Id.	95.0	1.103e+6	15.92 ug/kg
2	20.864	(S) 4-Bromofluorobenzene	Id.		24714	33.25 ug/kg
					1.103e+6	15.92

Group: GRO



Unidentified Peaks  
None

TORRENT LABORATORY

Oil and Grease Analysis

Preparation Date: 11/16/07  
 Completed Date: 11/19/07  
 Analysis Method: EPA 1664A  
 QC Batch: OG070117A  
 Analyst: JD

Sample ID	Matrix	Sample Size (mL or g)	Initial Wt. (g)	Final Wt. (g)	Net Wt. (g)	Concentration (mg/L or mg/kg)	Notes
1 Method Blank	SOIL	20	33.1725	33.1731	0.0006	30	
2 LCS			33.1772	33.2144	0.0372	1860	
3 LCSD		PP	33.2353				
4 0701076-001A			33.2353	33.2412	0.0059	295	
5 002A			33.2662	33.2679	0.0017	85	
6 003A			33.2461	33.2472	0.0011	55	
7 005A			33.3185	33.3201	0.0016	80	
8 -001ADP	Y	Y	32.6084	32.6113	0.0029	145	
9 RE -001ADP			32.5600				1-22-07
10 -001ADP			32.5600	32.6661	0.0061	305	1-22-07 RE
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Spike Solution: E06113A, 8000 mg/L, added: 5.0 mL

Hexane used: ✓ Lot # 46027

Notes and Comments: Net Wt (g) x 1000 x 1000 / Sample Size (mL or g) = Concentration (mg/L or mg/kg)

*JD 12/10/07*



CITY OF OAKLAND  
FIRE PREVENTION BUREAU  
250 Frank Ogawa Plaza, Suite 3341  
Oakland, California 94612-2032  
(510) 238-3851

APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS  
in the CITY OF OAKLAND

Request Submittal Date: 11/30/06

PLEASE CIRCLE APPROPRIATE ACTIONS: Application is hereby made for permit to:

(a) Remove (b) Install (c) Repair (d) Modify (e) Abandon/Close in Place A

(a) Gasoline (b) Fuel oil (c) Diesel (d) 2 tank(s) and excavate, commencing:

(a) four feet inside the curb line; (b) inside the property line; (c) aboveground; (d) underground tank(s)  
\*inside curb line, please attach copy of sidewalk/excavation permit from PLANNING AND BUILDING

on the EAST side of Mac Arthur St. Ave. 0 feet of 76 St. Ave.

Site Address: 7600 MacArthur Present storage Nothing - Full of

Owner: HONG GARDNER Address 1501 23rd Ave Oakland Phone (510) 776-2304  
CA 94606

Applicant: SAME AS ABOVE Address \_\_\_\_\_ Phone \_\_\_\_\_

Sidewalk surface to be disturbed YES X Number of Tanks 1 Capacity 100 <sup>Appro</sup> Gallons ea.

Remarks: Removal of 2 UST (s) (1.0. 100-gal. Located Beneath Sidewalk 2) 1000-gal. TK Located inside parcel

PLEASE ATTACH/SUBMIT: (All applicants must have a City Business License Permit)

- (2) Copies of Closure Plans for underground tank removal (s)
  - (2) Sets of plans and (1) copy of specifications for above ground tank removal
  - (2) Sets of plans and (2) sets of application packets for underground tank installation/modifications
  - (2) Sets of plans for aboveground tank installation and specifications
  - copy or prepare to show Planning and Building approval for aboveground tank removal and tank repair
- NOTE: FOR TANK INSTALLATION PLEASE SUBMIT THIS APPLICATION FORM ALONG WITH A APPLICATION FOR PERMIT TO OPERATE, MAINTAIN OR STORE

FOR OFFICE USE ONLY

Permit No. \_\_\_\_\_ Amt. Recv'd \_\_\_\_\_ Date Issued: \_\_\_\_\_

Copies to: Electrical Inspection \_\_\_\_\_ ck# \_\_\_\_\_ Cash \_\_\_\_\_

Receipt# \_\_\_\_\_ Recv'd by: \_\_\_\_\_

**CITY OF OAKLAND  
 Fire Department  
 Fire Prevention Bureau  
 Hazardous Materials Program  
 250 Frank Ogawa Plaza, Suite 3341  
 Oakland, CA 94612**

**UNDERGROUND TANK CLOSURE PLAN**

(Complete according to instructions)

1) Name of Business AVALON SUCCESS LLC

Business Owner or Contact Person (PRINT) HONG GARDNER

2) Site Address EAST 7600 MacArthur BLVD.

City OAKLAND Zip 94605 Phone (510) 261-5888

cell (510) 776-2304

3) Mailing Address 1501 23rd Ave

City Oakland Zip 94606 Phone (510) 261-5888

4) Property Owner HONG JACQUELINE NGUYEN GARDNER

Business Name (if applicable) AVALON SUCCESS

Address 1501 23rd Ave

City, State Oakland Ca 94606 Zip 94606

5) Generator name under which tank will be manifested

EPA ID Under which tank will be manifested CA CAC 00 2612534

6) Contractor CONTRACTORS DESIGN INC.  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ Phone \_\_\_\_\_  
 License Type B IDS \_\_\_\_\_

Effective January 1, 1992, Business and Professional Code Section 7058.7 require contractors to also hold Hazardous Waste certification issued by the State Contractor License Board

7) Consultant (if applicable) \_\_\_\_\_  
 Address \_\_\_\_\_  
 City, State \_\_\_\_\_ Phone \_\_\_\_\_

8) Main Contact Person for Investigation (if applicable)  
 Name HONG GARDNER Title Manager  
 Company AVALON SUCCESS LLC  
 Phone (510) 261-5888

9) Number of underground tanks being closed with this plan 2 (Confirmed with owner operator)

10) State Registered Hazardous Waste Transporters/Facilities (see instructions) NA

**\*\*Underground storage tanks must be handled as hazardous waste \*\***

a) Product/Residual Sludge/Rinsate Transporter  
 Name NA EPA ID NO. CAC 002612534  
 Hauler License No. \_\_\_\_\_ License Exp. Date \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

b) Product/Residual Sludge/Rinsate Disposal Site  
 Name NA EPA ID No. CAC 002612534  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

c) Tank and Piping Transporter

Name Please see cover EPA ID. No. CAC 002612534

c) Hauler License No. letter @ item 14 License Exp. Date \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

d) Tank and Piping Disposal Site

Name SIMS/HUGO NEU EPA ID. No. CAC 002612534

Address 600 South 4th Street

City Richmond State Ca zip 94804 phone (510) 412-5300

11) Sample Collector

Name PATTI SANDROCK

Company TORRENT LABORATOR

Address 483 Sinclair Frontage Road

City Milpitas State Ca Zip 95035

Phone (408) 263-5258 ext 208

12) Laboratory

Name TORRENT LABORATORY

Address 483 Sinclair Frontage Rd

City Milpitas State Ca Zip 95035

State Certification No. # 1991

13) Have tanks or pipes leaked in the past Yes  No  Unknown

If yes, describe \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14) Describe methods to be used for rendering tank (s): inert:

TANKS ARE ALREADY FULL OF CONCRETE  
3

THE TANKS WERE EMPTIED and FILLED WITH CONCRETE  
~ 1970

Before tanks are pumped out and inserted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000 must also be contacted for tank removal permit. The use of a combustible gas indicator to verify tank inertness is required. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert. Note: you may be required to recalibrate the combustible gas indicator on site, to show that it is working properly.

15) Tank History and Sampling Information \*\*\* (see instructions) \*\*\*

TK	Former Contents	Composition of TK	Soil Sample @ Each end of TK w/ 1' of native water if applicable

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

**EXCAVATED/STOCKPILED SOIL**

Stockpiled Soil volume (estimated)	40 CUBIC FEET
------------------------------------	---------------

kg, 4 point composi	Sampling Plan
---------------------	---------------

Stockpiled soil must be placed on beamed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal?

yes     No     unknown

If yes, explain reasoning

NA

If unknown at this point in time, please be aware that excavated soil may no be returned to the excavation without prior approval from Fire Department, Office of Emergency Services. This means that the contractor, consultant, or responsible party must communicate with the Hazardous Materials Inspector IN ADVANCE of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples.

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.  
See attached Table 2.

17. Submit Site Health and Safety Plan (see Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPHG MBTEX TPHD PB Total O & G		TPHG MBTEX TPHD PB Total O & G	

18. Submit Workers Compensation Certificate copy

Name of Insurer

19. Submit Plot Plan \*\*\* (Be Instructions) \*\*\*

20. Enclose Permit fee (See Instructions)
21. Report any leaks or contamination to this office within 5 days of discovery.

The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.
23. Submit State (Underground storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for Atank removed in the upper right hand corner)

I declare that to, the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that proved above, may be needed in order to obtain approval from the Hazardous Materials Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and health Administration) requirements concerning, personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his age and that this responsibility is not shared nor assumed by the City of Oakland.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Inspector at least three working days in advance of site-work, to schedule the required inspections.

#### CONTRACTOR INFORMATION

Name of Business

PROTECTORS DESIGN INC.

J. Hueley

Date

11-30-06

#### PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business

AVALON SUCCESS LLC

Name of Individual

HONG JACQUELINE NGUYEN GARDNER

Signature

Jacqueline Nguyen Gardner

Date

11/29/06

**Chemical Hazards (check if applicable)**

Chemical hazards known or suspected to be on-site in soil and/or ground water are as follows:

**Symptoms of Over-Exposure**

- Gasoline - Skin irritant; disturbance of eyes. Deep burning in the throat and respiratory tract and bronchopneumonia. Repeated or chronic dermal contact may result in drying of the skin, lesions, and other dermalogic conditions.
- Diesel - Irritation to skin. Prolonged breathing at high vapor concentrations can effect central nervous system.
- Benzene - Irritation of the eyes, nose, and respiratory system. Headache, giddiness, fatigue, anorexia, staggered gait, and dermatitis.
- Toluene - Irritation of eyes and mucous membranes, headache, dermatitis, and coma. narcosis,
- Ethylbenzene - Irritation of eyes and mucous membranes, headache, dermatitis, and coma. narcosis,
- Xylene - Dizziness, excitement, drowsiness, staggering gait, irritation of eyes, nose, and throat; nausea, vomiting, and dermatitis.
- Lead - Weakness, insomnia, constipation, abdominal pain, colic, anemia, paralysis of the wrists and ankles, encephalopathy, kidney disease, irritation of the eyes, and hypotension.
- Arsenic - Irritation of the skin, possible dermatitis, respiratory distress, diarrhea, kidney damage, muscular tremors, seizure, possible gastrointestinal tract and reproductive effects, and possible liver damage.
- Asbestos - Difficulty breathing, interstitial fibrosis, restricted pulmonary effects, finger clubbing, and irritation of the eyes.
- Total DDT - Irritation of the eyes and skin, paresthesia of the tongue, lips, and face, dizziness, confusion, headache, fatigue, convulsions, and paresis of the hands.
- Chlordane - Blurred vision, conjunctivitis, ataxia, delirium, coughing, abdominal pains, nausea, vomiting, diarrhea, irritability, and convulsions.
- Dieldrin - Headache, dizziness, nausea, vomiting, sweating, myoclonic limb jerks, clonic and tonic convulsions, and coma.
- TCE - Irritation of the eyes and skin, headaches, vertigo, giddiness, sleepiness, nausea, vomiting, dermatitis, cardiac arrhythmia, paresthesia, and liver injury.
- TCA - Irritation of the eyes, skin, nose, throat, and respiratory system, coughing, dyspnea, delayed pulmonary edema, eye and skin burns, dermatitis, salivation, vomiting, and diarrhea.





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- DCE - Irritation of eyes and respiratory system, and depresses the central nervous system.
- DCA - Headaches, loss of appetite, nausea, vomiting, intense jaw pain, and cranial nerve palsy.
- H<sub>2</sub>S - Irritation of the eyes and respiratory system, apnea, coma, convulsions, conjunctivitis, eye pain, lacrimation, photophobia, corneal vesiculation, dizziness, headaches, fatigue, irritability, insomnia, and gastrointestinal disturbance.
- Other - \_\_\_\_\_

If any of the above symptoms occur, please leave the site for a safe location immediately. First aid should also be given immediately and contact the Project Leader and Site Safety Officer. If needed, emergency procedures should be followed.

**Non-Chemical Hazards (check if applicable)**

Non-chemical hazards known or suspected to be on-site are as follows:

**Description/Mitigation Measures**

- Heavy equipment - Heavy equipment should be in good working order and operated by an experienced and licensed person in accordance with recognized industry standards. Keep a safe distance from heavy machinery so that you would not be in the path of a moving part if it were to swing suddenly. Always be aware of the movement of machinery around you. Approach vehicles from the driver's side. Make sure you are seen by the vehicle operator. Make eye contact. Personnel working in the vicinity of construction equipment shall wear orange safety vests for increased visibility, hard hat, and steel-toed boots at a minimum.
- Slip/fall hazards - Wet surfaces, inclines, or other obstacles that make movement on-site difficult; good housekeeping shall be practiced and shoes with traction shall be worn.
- Noise - Sounds that make communication difficult or impossible; workers will be required to wear ear plugs for all operations involving the use of power or pneumatic equipment which generate loud noise levels.
- Heat/cold stress - Extreme heat or cold zones may be located on-site; physical work in warm weather and/or the use of personal protective equipment may induce heat stress symptoms including cramps, discomfort, and drowsiness, resulting in impaired function; can lead to heat stroke and death. Cool drinking water/Gatorade shall be available on-site at all times. Work breaks shall be given as necessary, based on temperature and monitoring of workers. Adequate precautions should also be taken during exposure to cool weather which can lead to hypothermia, frostbite, and other cold related hazards.
- Vehicular traffic - If the work area is in or near traffic areas where vehicular dangers are present, on-site workers shall wear orange safety vests or other suitable garments marked with or made of reflectorized or high-visibility material. The work area should be clearly marked using signs, barricades, temporary fencing, safety cones, and/or caution tape. Flaggers are to be used to direct traffic if needed.

**Excavation** - Excavation areas present a danger of falling and cave-in. For excavations of less than 5 feet in depth, follow general excavation safety protocols. Never leave open excavations unmarked. If possible, avoid entering any excavation. If entry is necessary and the excavation is greater than 5 feet in depth (even if it is shored), an OSHA excavation permit must be obtained and a separate excavation safety plan shall be prepared.

**Underground utilities** - Subsurface utilities are within the work area and may be encountered during drilling or any subsurface exploration. Utility companies or owners must be contacted and asked to determine the location of the underground utility before excavation. While the excavation is open, underground installations must be protected, supported, or removed to protect employees. When utility companies cannot respond to a request to locate underground utility installations, or cannot establish the exact location of the installations, work may proceed with caution, only upon approval by the Project Leader and Site Safety Officer. Use of detection equipment or other methods of locating utility installations may be additionally required. In an area with suspected underground utilities, all boring locations must be hand probed to a minimum depth of 5 feet.

**Overhead lines** - Power and electrical lines are present within the work area. Extreme caution should be used when overhead electrical power or other lines are present. Use of equipment directly under or near lines should be avoided. If possible, the utility company or owner should be contacted to temporarily turn off line power or reroute line the path during the course of work in that location.

**Lifting hazards** - Proper lifting technique should be used by bending at the knees and using the legs for strength. Items being lifted should be held close to the body and back twisting motions should be avoided.

**55-gallon Drums and containers** - Caution should be used when handling drums and other heavy containers. During movement, the integrity of the drums may be compromised. Drums or containers on-site may be cracked, dented, or altered such that lids are not securely attached. If needed, contents should be secured in another drum, or drums should be placed in drum packers for further protection. Always use the proper equipment, designed for the specific application, when handling and moving heavy objects.

**High crime area** - Any area in which one feels threatened or is known to be a high crime area. Always be aware of your surroundings. See the attached site visit safety protocol.

**Hot surface** - Surfaces on-site will be at extreme temperature conditions (i.e. asphalt). Caution should be used around hot surfaces on-site, and steel-toed boots should not be worn when hot surfaces are present. All hot surface hazards should be marked and taped-off to guard against accidental entry.

**Low lighting conditions** - Time or location may introduce inadequately lit work areas. On-site work should be concluded before dark. If work is anticipated to continue after dark, a light tower should be used in appropriate areas, as directed by the Project Leader and Site Safety Officer.

Site Safety Plan

- Poisonous/dangerous animals & insects** (i.e. snakes, wasps, dogs, etc.). Use caution on-site when dangerous animals and insects are suspected to be present. Avoid contact when possible and if the situation becomes threatening, leave the site immediately.
- Confined space** - Any space that limits or constricts entry or exit, is not designed for continuous employee occupancy, has unfavorable natural ventilation. Examples of possible confined spaces include tanks, vessels, excavations, silos, storage bins, etc. For all work in confined spaces, a separate confined space entry program must first be established.
- Other** \_\_\_\_\_

Emergency Notifications

Local Police: 911 - Eastmont Mall Station # 23  
 State Police: 911 - WA  
 Fire: 911  
 Ambulance: \_\_\_\_\_  
 7100 FOOTHILL Blvd  
 Oakland Ca 94605

Medical

Nearest Hospital: Highland Hospital  
 Telephone Number: \_\_\_\_\_  
 Directions to: (510) 437-4800

Local Regulatory Agencies

CRWQCE:  \_\_\_\_\_ ACPW: \_\_\_\_\_  
 ACDEH: \_\_\_\_\_ ACWD:  \_\_\_\_\_

Other: Oakland Fire Dept  
Hazard Material  
Inspection Staff

Communications

- Two-way radios
- Cellular phone
- Verbal

Waste Handling

Soil cuttings and purged ground water will be stored in EPA-approved 55-gallon drums, and kept on-site pending analytical results. Drums will be stored in an appropriate (out of the way) area or as desired by client. Drums will be labeled as to boring number, contents, job number, date generated, client name, and our company and phone number. These drums are the property of our client. Thus, they will remain on-site unless directed otherwise.

Personal Protective Equipment (PPE)

Appropriate on-site personnel have had the 40-hour OSHA class in Hazardous Waste Operations/Emergency Response.

Level of protective equipment:  A  B  C  D  See PPE below

The following PPE is required to be available on-site and is to be used on an as needed basis:

- Hard Hat
- Safety Eye Wear (Type) STD
- Safety Boots
- Respirator (Type) \_\_\_\_\_

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Orange Vest        | <input checked="" type="checkbox"/> Filter (Type) _____ |
| <input checked="" type="checkbox"/> Hearing Protection | <input checked="" type="checkbox"/> Gloves (Type) _____ |
| <input type="checkbox"/> Tyvek Coveralls               | <input type="checkbox"/> Other _____                    |

**Monitoring Equipment On Site**

The following monitoring equipment is to be available on-site and is to be used on an as needed basis:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Organic Vapor Meter   | <input type="checkbox"/> Draeger Tube _____ |
| <input checked="" type="checkbox"/> Oxygen Meter          | <input type="checkbox"/> Passive Dosimeter  |
| <input checked="" type="checkbox"/> Combustible Gas Meter | <input type="checkbox"/> Air Sampling Pump  |
| <input type="checkbox"/> H <sub>2</sub> S Meter           | <input type="checkbox"/> Filter Media _____ |

All field equipment shall be properly calibrated and functioning normally

**Site Control Procedures**

All unauthorized persons shall be kept a safe distance from the work area. The work area shall be denoted with fencing, barricades, cones, and/or barrier tape.

**Decontamination**

Unless notified otherwise by Project Leader and/or Site Safety Officer.

**Personnel:** Wash with soap and water.

**Equipment:** All sampling equipment is to be cleaned with a steam cleaner or an aqueous tri-sodium phosphate solution and distilled water prior to use at each sampling location.

**Standard Safe Work Practices**

1. Eating, drinking, chewing gum or tobacco, and smoking are prohibited in the contaminated or potentially contaminated area where the possibility for the transfer of contaminants exists.
2. Avoid contact with potentially contaminated substances. Do not walk through puddles, pools, mud, etc. Avoid, whenever possible, kneeling on the ground and leaning or sitting on equipment or the ground. Do not place monitoring equipment on potentially contaminated surfaces (i.e., ground, etc.).
3. All field crew members should make use of their senses to alert them to potentially dangerous situations in which they should not become involved (i.e., the presence of strong, irritating or nauseating odors).
4. Prevent spillage to the extent possible. In the event that a spill occurs, contain liquid if possible.
5. Prevent splashing of the contaminated materials.
6. Field crew members shall be familiar with the physical characteristics of the site, including:
  - Wind direction in relation to work area/contaminant location;
  - Accessibility of other workers, equipment, vehicles;
  - Communications;
  - Exclusion zone (areas of known or suspected contamination);

- Site access;
  - Nearest water source;
  - The location of the nearest telephone;
  - The location of the nearest medical facility.
7. The number of personnel and equipment in the contaminated area should be minimized, but only to the extent consistent with workforce requirements for safe site operations.
  8. Personal Protection Equipment must be used properly and to their fullest extent.
  9. For more information, please review the Injury and Illness Prevention Program.

#### Standard Site Safety Protocol

1. If the site is located in a neighborhood known for high crime (i.e. East Palo Alto, South-central Los Angeles, the Tenderloin in San Francisco, etc.) discuss personal protection, such as hiring of security personnel, with your project leader.
2. Leave the site destination, including address and time expected to return with project leader. If the project leader is not in the office, leave the information with another person who has knowledge of the project.
3. Always take a radio or cellular phone along for quick communication. Keep the radio and/or cellular phone on your person. (It will not do you any good in the truck).
4. Be aware of your surroundings and trust your instincts. Leave if you feel threatened.
5. Do not stay on-site alone after dark.
6. If the site visit will take place in or near a high crime neighborhood, fill the vehicle with gasoline prior to entering the area, take a map, drive with the doors locked, and avoid stopping in unfamiliar areas.
7. While performing the site visit, keep the key readily accessible, and the vehicle nearby, if possible for quick access.
8. Do not carry large amounts of cash on your person and do not give any money to pan handlers as this encourages others to approach you.

(continued)



# Oakland Fire Department Tank Permit Fees



Type of Work	Tank Location	# of Tanks	Plan Check Fees	Inspection Fees	Total Fees
Removal	Above or Underground	1*	404.40	219.54	623.94
Installation	Aboveground	1*	404.40	439.07	843.47
Installation	Underground	See Below For Cost Schedule Including Annual Permit Fees			
Closure in Place	Underground	1*	404.40	219.54	623.94
Any work on piping, dispensers or sumps	Underground	1*	404.40	219.54	623.94
Dispenser replacement or modifications	Aboveground	n/a	404.40	219.54	623.94
Capping a vent	Underground	n/a	100.00	50.00	150.00
Alter and/or repair monitoring system	Above or Underground	n/a	100.00	50.00	150.00
Overfill Containment Installation / EVR Upgrade	Above or Underground	n/a	100.00	50.00	150.00

**\*IMPORTANT NOTE: Add \$127.09 for each additional tank for multi-tank jobs.**

Type of Work	Number of Tanks	Annual Permit Fees	Plan Check Fees	Inspection Fees	Total Fees
Underground Tank Installation	1	\$ 266.90	\$ 404.40	\$ 439.07	\$1,110.37
Underground Tank Installation	2	\$ 396.55	\$ 531.49	\$ 439.07	\$1,367.11
Underground Tank Installation	3	\$ 527.45	\$ 658.58	\$ 439.07	\$1,625.11
Underground Tank Installation	4	\$ 662.18	\$ 785.67	\$ 439.07	\$1,886.92
Underground Tank Installation	5	\$ 766.40	\$ 912.76	\$ 439.07	\$2,118.23
Underground Tank Installation	6	\$ 911.30	\$1,039.85	\$ 439.07	\$2,390.22
Underground Tank Installation	7	\$1,030.66	\$1,168.94	\$ 439.07	\$2,638.67
Underground Tank Installation	8	\$1,150.24	\$1,294.03	\$ 439.07	\$2,883.34
Underground Tank Installation	9	\$1,268.67	\$1,421.12	\$ 439.07	\$3,128.86
Underground Tank Installation	10	\$1,388.84	\$1,548.21	\$ 439.07	\$3,376.12