File No. 2-00-706-ST

4097

PRELIMINARY SOIL & GROUNDWATER ASSESSMENT AT THE PROPERTY LOCATED AT 20570 STANTON AVENUE CASTRO VALLEY, CALIFORNIA

OCTOBER 13, 2000

PREPARED FOR:
MR. SEAN KAPOOR
STOP 'N SAVE, INC.
25064 VIKING STREET
HAYWARD, CALIFORNIA 94545

BY:
ENVIRO SOIL TECH CONSULTANTS
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ENVIRO SOIL TECH CONSULTANTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

TABLE OF CONTENTS

APPENDIX "A"

TABLE OF CONTENTS CONT'D — PAGE NO.

ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

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October 13, 2000

File No. 2-00-706-ST

Mr. Sean Kapoor
Stop 'N Save, Inc.
25064 Viking Street
Hayward, California 94545

SUBJECT: PRELIMINARY SOIL & GROUNDWATER ASSESSMENT AT THE PROPERTY
Located at 20570 Stanton Avenue, in
Castro Valley, California

Dear Mr. Kapoor:

This report summarizes the results of preliminary soil and groundwater assessment conducted by Enviro Soil Tech Consultants (ESTC) at the subject site located at 20570 Stanton Avenue, in Castro Valley, California (Figure 1)

The report described the results of field activities conducted at the site in order to characterize and assess the distribution of petroleum hydrocarbons contamination in soil and groundwater in the vicinity of former removed underground storage tanks and associated piping.

During the phase of investigation, a total of four boreholes were drilled and converted three into monitoring wells which were then monitored, surveyed and sampled. Soil samples from boreholes were analyzed for presence of Total Petroleum Hydrocarbons as gasoline (TPHg) per EPA Method 8015 and Volatile Organic Compounds (VOC's) per EPA Method 8260B which include Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) and Methyl Tertiary Butyl Ether (MTBE) concentrations.

The three newly installed monitoring wells were developed, surveyed and sampled. Water samples from the monitoring wells were analyzed for TPHg and VOC's.

If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500.

Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD
GENERAL MANAGER

LAWRENCE KOO, P. E.
C. E. #34928

PRELIMINARY SOIL & GROUNDWATER ASSESSMENT AT THE PROPERTY LOCATED AT 20570 STANTON AVENUE CASTRO VALLEY, CALIFORNIA OCTOBER 13, 2000

INTRODUCTION:

This report summarizes the results of preliminary soil and groundwater assessment conducted by Enviro Soil Tech Consultants (ESTC) for Stop 'N Save facility located at 20570 Stanton Avenue, in Castro Valley, California (Figure 1). The purpose of this investigation was to determine the direction of groundwater flow and assess the extent of subsurface hydrocarbon contamination at the subject site.

This investigation was conducted in accordance with ESTC's work plan dated May 18, 2000, and the Alameda County Health Care Services Agency-Environmental Health Services' (ACHCSA-EHS) approval letter dated August 1, 2000.

GENERAL SITE DESCRIPTION:

The site is located at southeast corner of San Carlos Avenue and Stanton Avenue, in Castro Valley, California (Figure 1). The site is currently used as a quick stop mini mart. The site is relatively flat, and the surrounding properties are primarily residential and light commercial businesses. Figure 2 shows the locations of building, former underground storage tanks, boreholes, monitoring wells and groundwater flow direction.

BACKGROUND:

On February 24, 2000, two 10,000 gallon underground storage gasoline tanks were removed by Johnson Tank Testing and Maintenance.

During tanks removal activities, ESTC was retained by Mr. Randy Johnson of Johnson Tank Testing and Maintenance to conduct soil sampling from the tank excavation. In addition, at the request of Mr. Barney Chan of ACHCSA-EHS, soil sampling was also conducted on the stockpiled soil and between the two removed underground storage tanks areas. All soil sampling activities were conducted under the supervision of Mr. Barney Chan of ACHCSA-EHS.

The soil samples from the tanks and between the tanks areas were collected at approximately 2 feet below the excavation areas.

The four soil samples from the two 10,000 gallon UST excavation area detected TPHg concentration upto 11 milligram per kilogram (mg/Kg), and the maximum levels detected of BTEX were (0.07 mg/Kg; 0.26 mg/Kg; 0.15 mg/Kg and 1.1 mg/Kg), respectively. MTBE concentrations in this area ranged between 0.11 mg/Kg to a maximum of 3.8 mg/Kg.

The soil sample between two USTs area detected TPHg concentration at 71 mg/Kg; BTEX concentrations at (0.22 mg/KG; 0.47 mg/Kg; 0.49 mg/Kg and 3.7 mg/Kg, respectively) and MTBE level at 1.2 mg/Kg.

The stockpiled soil samples detected TPHg upto 1,100 mg/Kg; BTEX at (4.2 mg/Kg; 22 mg/Kg; 12 mg/Kg and 110 mg/Kg); MTBE at 12 mg/kg and Total Lead at 11 mg/Kg.

The details of soil sampling is described in ESTC's report entitled "Soil sampling Beneath Removed USTs at the Property...", dated March 8, 2000.

Since concentrations of TPHg, BTEX and MTBE were detected in the soil samples collected during USTs removal, further investigation was verbally requested by the Alameda County Health Care Services Agency (ACHCSA).

ESTC was retained by Mr. Sean Kapoor to conduct further investigation as requested ACHCSA. A detailed proposed work plan, which was prepared by ESTC for the further investigation of the property, is described in a report entitled "Proposed Work Plan for Preliminary Site Assessment for the Property...", dated May 18, 2000.

On July 25 and 26, 2000, ESTC over-excavated the contaminated soil in the vicinity of former gasoline tanks areas to practical extent. Approximately 150 cubic yards of contaminated soil were over-excavated.

Excavated soil from the removed USTs and over-excavation activities were stored on-site, sampled prior to treatment and treated by bio-remediation on a weekly basis. The details of the bio-remediation activities of the stockpiled soil is described in ESTC's report entitled "Interim Corrective Action for the Property...", dated August 17, 2000.

ESTC sampled the stockpiled soil to confirm if bio-treatment of the stockpiled soil is successful in reducing the contamination levels in the stockpiled soil. Upon approval of acceptance from Republic Services Vasco Road Landfill (former BFI Landfill), approximately 500 yards of soil were disposed at Republic Services Landfill in the City of Livermore. The details of sampling and disposal activities is described in ESTC's report entitled "Soil Sampling, Treatment and Disposal of Contaminated Stockpiled Soil from the Property...", dated August 21, 2000.

OBJECTIVE:

The objective of this preliminary soil and groundwater investigation was to determine the extent of subsurface contamination and direction of groundwater flow in order to follow the trend of contamination transfer.

FIELD ACTIVITIES:

Permits to drill boreholes and groundwater monitoring wells installation were obtained from Alameda County Public Works Agency-Water Resources Section (ACPWA-WRS) prior to the field activities. A copy of the borehole and wells permits are included in Appendix "F". All the utilities lines were located prior to drilling.

ESTC conducted the field work for this investigation on September 20, 21 and 22, 2000. The field works consist of advancement of four borings (STMW-1, STMW-2, STMW-3 and B-4), soil sampling, installation of three monitoring wells, development of wells, wells monitoring, surveying, water sampling and chemical analyses of soil and groundwater samples. The borings/wells were drilled using a truck mounted mobile drill rig B-40L, equipped with eight-inch diameter, hollow-stem continuous flight augers. ESTC's staff engineer observed the drilling operations, wells installation and prepared a log of each soil boring. The geologic logs are presented in Appendix "D".

SOIL BORING(S) AND SAMPLING:

ESTC drilled four soil borings at the site on September 20, 21 and 22, 2000. The locations of these borings are shown on Figure 2. These borings were drilled to a depth

of 15, 22 and 23 feet below surface grade using 8-inch hollow-stem auger. All equipment used in the boreholes were steam cleaned prior to use in each borehole to minimize the potential for cross-contamination. Detailed lithologic log of each boring was prepared by ESTC's staff engineer on-site (Appendix "D").

Discrete soil samples were collected at various depths in each boring using a California modified split-spoon sampler. For each sampling interval, undisturbed soil samples were collected in two-inch diameter brass liners. Selected soil samples were retained for chemical analysis by covering both ends of the liner with aluminum foil, sealing with plastic end caps and tape. The samples were then labeled and stored in a chilled ice chest and transported to a state-certified laboratory. Strict chain-of-custody procedures were followed throughout sample acquisition, storage and transport to Entech Analytical Labs for analyses.

Soil cuttings from drilling operation were temporarily stored on-site pending laboratory analytical results.

SOIL DESCRIPTION:

All four borings revealed that the surface ground consisted of 2-inches of asphalt then 6-inches of greenish sandy gravel with some clay (baserock). Below this layer, the soil consisted of dark brown silty clay that extended to the depth of approximately 3 to 3½ feet below ground surface. Light brown silty clay with petroleum odor to the depth of approximately 6½ to 7 feet. Below this layer to the depth of 9½ to 10 feet, the soil consist of light brown gravely sandy silty clay (weatherize rock). The soil changed to light brown silty

clay with some small pea gravel to the extended depth of 14 to 15 feet (boring B-4 terminated at 15 feet). The color changed at this level to dark brown silty clay to depth of boring termination (23 feet for boring STMW-1 and 22 feet for borings STMW-2 and STMW-3). Groundwater was encountered at the depth of 12 feet below ground surface.

MONITORING WELL CONSTRUCTION:

Three groundwater wells (STMW-1 to STMW-3) were installed in the soil borings immediately following their completion. The location of these monitoring wells are shown in Figure 2. The monitoring wells were constructed of two-inch diameter Schedule 40, flush threaded PVC well casing with threaded bottom cap. Drilling of exploratory boring(s) and installation of monitoring well(s) were conducted in accordance with ACPWA-WRS's requirements and ESTC's Standard Operation Procedure Procedures (SOP) (Appendix "C"). The detailed construction of the monitoring wells are shown in Piezometric Schematic (Appendix "D").

WELL DEVELOPMENT:

ESTC conducted the development of the three newly installed on-site monitoring wells on September 29, 2000. Monitoring wells were developed by mechanical surging and bailing until the water was reasonably free of sediment. The development equipment was steam cleaned prior to usage for each well to reduce the potential from cross-contamination. The purged water was temporarily stored on-site in labeled drums pending the results of laboratory analyses.

GROUNDWATER SAMPLING:

Water samples from the newly installed monitoring wells (STMW-1 to STMW-3) were collected and analyzed for TPHg per EPA Method 8015 and VOC's per EPA Method 8260B. Approximately four to five well volumes of water was purged from each well using a bailer, before the sample was collected, in order to assure the sample was representative of surrounding groundwater. A stainless steel bailer was used for sample collection. Water sampling equipment was decontaminated before and after each well sampling using Tri-sodium Phosphate (TSP) and followed by double rinsing. Groundwater samples were contained in 40 millimeter glass vials with Teflon-lined septa. After labeling, the samples were immediately stored in a cold ice chest. Strict chain-of-custody procedures were maintained during sample acquisition, storage and transport. The sampling was conducted in accordance with ESTC's SOP and ACHCSA's regulations.

LABORATORY ANALYSES:

Selected soil samples from each boring and groundwater samples from each monitoring well were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg) and Volatile Organic Compounds (VOC's) per EPA Method 8260B by Entech Analytical Labs in Sunnyvale, California.

SOIL SAMPLES ANALYSES:

Soil samples from the borings were collected at 5 feet intervals. Soil samples from Boring #1 labeled as 1-5 and 1-10; Boring #2 as 2-5 and 2-10; Boring #3 as 3-5 and 3-10; and Boring #4 as 4-5 and 4-10. Soil samples #2-5, #2-10, #3-10, #4-5 and #4-10

detected TPHg below laboratory detection limit. Soil samples #2-5, #3-5 and #3-10 detected VOC's below laboratory detection limit. Soil sample #1-5 detected low levels TPHg at 18 milligram per kilogram (mg/Kg); 1,2,4-Trimethylbezene at 0.48 mg/Kg; Total Xylenes at 1.1 mg/Kg and MTBE at 1.5 mg/Kg. Soil sample #1-10 detected moderate level of TPHg at 76 mg/Kg and low levels of 1,2,4-Trimethylbenzene at 5.8 mg/Kg; 1,3,5-Trimethylbenzene at 1.7 mg/Kg; Naphthalene at 2 mg/Kg; Total Xylenes at 7.7 mg/Kg and MTBE at 1.6 mg/Kg. Sample #2-10 detected only very low level of 1,2,4-Trimethylbenzene at 0.0095 mg/Kg. Sample #3-5 detected only low level of TPHg at 1.3 mg/Kg. Soil sample #4-5 detected low levels of MTBE at 0.3 mg/Kg and tert-Butanol at 0.5 mg/Kg. Soil sample #4-10 detected low levels 1,2,4-Trimethylbenzene at 0.02 mg/Kg, Benzene at 0.02 mg/Kg and MTBE at 0.16 mg/Kg. Table 1 summaries soil samples analytical results (Appendix "A").

GROUNDWATER SAMPLES ANALYSES:

Groundwater sample from monitoring well STMW-1 detected low levels of TPHg at 60 milligram per liter (mg/L) and MTBE at 69 mg/L. Water sample from monitoring well STMW-2 detected very low levels of TPHg at 0.069 mg/L and MTBE at 0.066 mg/L. Groundwater sample from well STMW-3 detected TPHg and VOC's concentrations below laboratory detection limit. Groundwater monitoring data and analytical results are presented in Table 2. (Appendix "A")

GROUNDWATER FLOW DIRECTION:

A level and depth survey were conducted to estimate groundwater gradient and flow direction. To estimate the gradient and flow direction, depth to groundwater were

measured relative to arbitrarily established datum assumed to be 100 feet above seal level. Well casing and ground surface elevations were summarized on Table 2.

The results of this investigation indicated a easterly direction of groundwater flow as of October 4, 2000 (Figure 2).

RECOMMENDATION:

ESTC recommended quarterly groundwater monitoring and sampling of the wells for at least one year prior to eventual re-evaluation of the site. A copy of this report must be submitted to Alameda County Health Care Services Agency (ACHCSA).

LIMITATIONS AND UNIFORMITY OF CONDITIONS:

The monitoring well installation services or soil and water sampling for pollution on this project was a direct request by Enviro Soil Tech Consultants' client. These installations were performed to meet the existing requirements for fuel leak regulations.

This service does not make Enviro Soil Tech Consultants liable for future maintenance, repairs, damages, injury to third party or any other elements causing future problems.

The locations of these monitoring wells are approximate and should not be used for any reference point, surveying or any other uses except studying groundwater.

This report is issued with the understanding that it is the responsibility of the owner or his/her representative to ensure that the information and recommendations contained herein are called to the attention of the State and Local Environmental Agency.

The findings of this report are based on the results of an independent laboratory and are valid as of the present date. However, changes in the conditions of a property can occur with the passage of time, whether they are due to natural processes or the works of man on this property or adjacent properties.

File No. 2-00-706-ST

A P P E N D I X "A"

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TABLE 1
SUMMARY OF SOIL SAMPLES ANALYTICAL RESULTS IN MILLIGRAM PER KILOGRAM (mg/Kg)

Date	Sample No.	Depth (feet)	TPHg	EPA 82060B (VOC's)	Concentration for EPA 8260
9/20/2000	1-5	5	18	1,2,4-Trimethylbenzene	0.48
				Methyl-tert-butyl Ether	1.5
				Xylenes, Total	1.1
	1-10	10	76	1,2,4-Trimethylbenzene	5.8
				1,3,5-Trimethylbenzene	1.7
				Methyl-tert-butyl Ether	1.6
				Naphthalene	2
				Xylenes, Total	7.7
9/21/2000	2-5	5	ND<1	None Detected	<0.0005
	2-10	10	ND<1	1,2,4-Trimethylbenzene	0.0095
	3-5	5	1.3	None Detected	<0.0005
	3-10	10	ND<1	None Detected	<0.0005
9/22/2000	4-5	5	ND<10	Methyl-tert-butyl Ether	0.3
				tert-Butanol	0.5
	4-10	10	ND<1	1,2,4-Trimethylbenzene	0.02
				Benzene	0.02
				Methyl-tert-butyl Ether	0.16

NO BTEX DETECTED

TPHg - Total Petroleum Hydrocarbons as gasoline
EPA 8260B (VOC's) - Volatile Organic Compounds

Available for PEB 2000 only!!
missing = plan view of ... soil classification in soil exploration logs

File No. 2-00-706-ST

TABLE 2
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (mg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	VOC's (EPA 8260B)
10/04/00	STMW-1 (97.93)	23	14	8.34	89.59	No sheen Light petroleum odor	60	Methyl-tert-butyl Ether 69
	STMW-2 (99.04)	22	13	8.22	90.82	No sheen or odor	0.069	Methyl-tert-butyl Ether 0.066
	STMW-3 (99.60)	22	13	8.42	91.18	No sheen or odor	ND<0.05	None Detected<0.0005

TPHg - Total Petroleum Hydrocarbons as gasoline
GW Elev. - Groundwater Elevation
ND - Not Detected (Below Laboratory Detection Limit)

VOC's - Volatile Organic Compounds
Perf. - Perforation

BTEX

All Below .05 mg/L

T2

File No. 2-00-706-ST

A P P E N D I X "B"

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File No. 2-00-706-ST

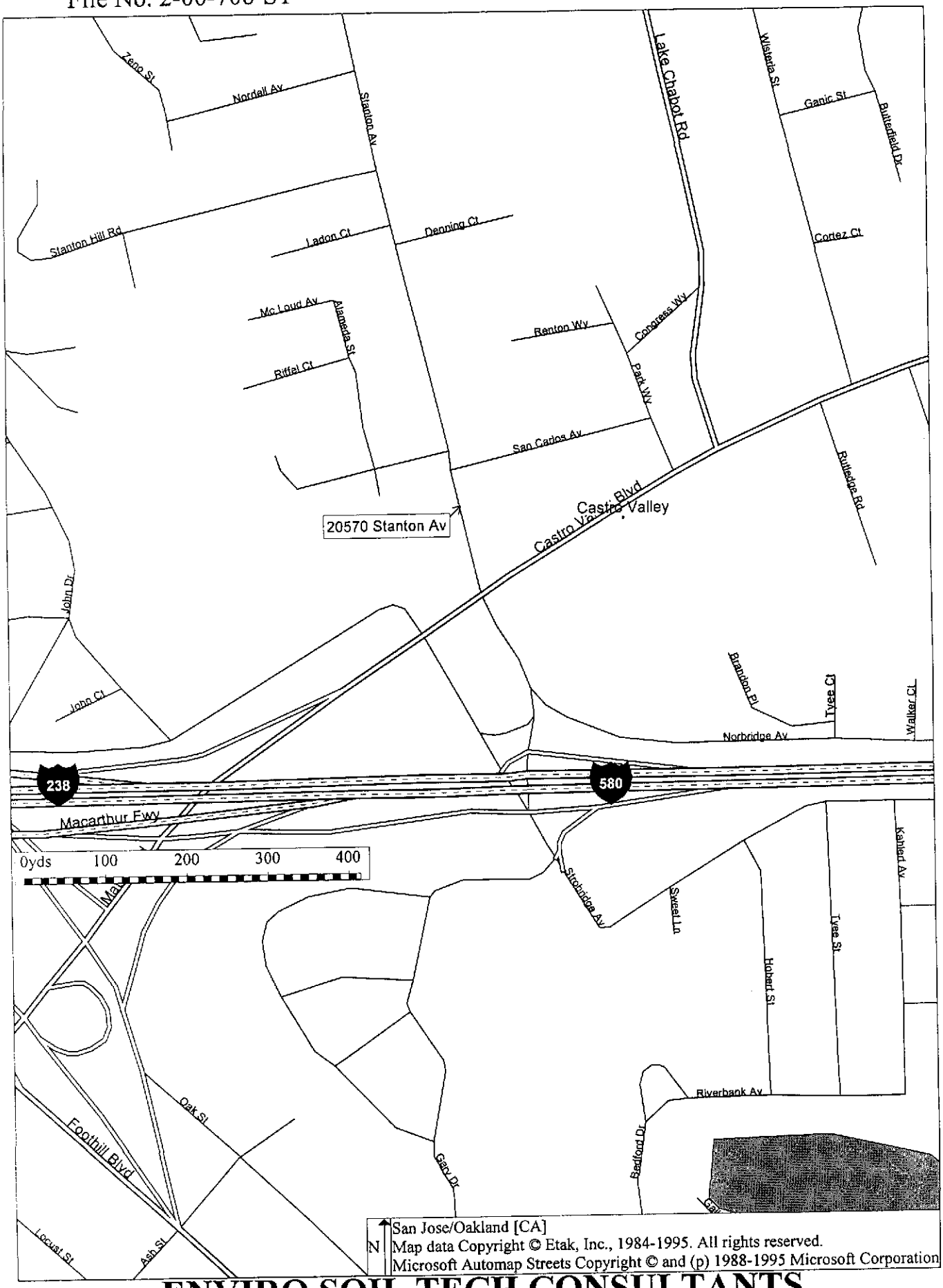

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Figure 1

M1

File No. 2-00-706-ST

A P P E N D I X "C"

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DRILLING AND SOIL SAMPLING PROCEDURE

A truck-mounted drill rig, using a continuous, solid-flight, hollow stem auger was used in drilling the soil borings to the desired depths.

Prior to drilling, all drilling equipment (auger, pin, drilling head) were thoroughly steam-cleaned to minimize the possibility of cross-contamination and/or vertical migration of possible contaminants.

In addition, prior to obtaining each individual soil sample, all sampling tools, including the split-spoon sampler and brass liners were thoroughly washed in a Trisodium Phosphate (TSP) solution followed by a rinse in distilled water.

During the drilling operation, relatively undisturbed soil samples were taken from the required depth by forcing a 2-inch I.D. split-spoon sampler insert with a brass liner into the ground at various depths by means of a 140-lb. hammer falling 30-inches or by hydraulic forces.

The samplers collected relatively undisturbed soil. In general, the first section of soil from the sampler (shoe) was used in the field for lithologic inspection and evidence of contamination. The selected brass liner was immediately trimmed, the ends covered tightly with aluminum foil and plastic caps, sealed with tape, labeled, placed in a plastic bag and stored in a cold ice chest in order to minimize the escape of any volatiles present in the samples. Soil samples were then sent to a state-certified hazardous waste laboratory for analysis accompanied by a chain-of-custody record.

Soil samples collected at each sampling interval were inspected for possible contamination (odor or peculiar colors). Soil vapor concentrations was measured in the field by using a Photoionization Detector (PID), PhotoVac Tip Air Analyzer. The soil sample was sealed in a Zip-Lock plastic bag and placed in the sun to enhance volatilization of the hydrocarbons from the sample. The purpose of this field analysis is to qualitatively determine the presence or absence of hydrocarbons and to establish which soil samples will be analyzed at the laboratory. The data was recorded on the drilling log at the depth corresponding to the sampling point.

Other soil samples may be collected to document the stratigraphy and estimate relative permeability of the subsurface materials.

Soil tailings that are obtained during drilling are stored at the site, pending the analytical test results to determine proper disposal.

MONITORING WELL INSTALLATION

The boreholes for the monitoring wells were hand augered with a diameter of at least two inches larger than the casing outside diameter (O.D.).

The monitoring wells were cased with threaded, factory-perforated and blank, schedule 40 P.V.C. The perforated interval consisted of slotted casing, generally 0.010 to 0.040 inch wide by 1.5 inch long slot size, with 42 slots per foot (slots which match formation grain size as determined by field grain-size distribution analysis). A PVC. cap was fastened to the bottom of the casing (no solvents, adhesive, or cements were used), the well casing was thoroughly washed and steam-cleaned.

After setting the casing inside the borehole, kiln-dried sand or gravel-filter material was poured into the annular space to fill from the bottom of the boring to two feet above the perforated interval. A one to two feet thick bentonite plug was placed above this filter material to prevent grout from infiltrating down into the filter material. Approximately one to two gallons of distilled water were added to hydrate the bentonite pellets. Then the well was sealed from the top of the bentonite seal to the surface with concrete or neat cement containing about 5% bentonite (see Well Construction Detail).

To protect the well from vandalism and surface water contamination, Christy boxes with a special type of Allen screw were installed around the well head, (for wells in parking lots, driveways and building areas). Steel stove pipes with padlocks were usually set over well-heads in landscaped areas.

In general, groundwater monitoring wells extend to the base of the upper aquifer, as defined by the consistent (less than 5 feet thick) clay layer below the upper aquifer, or at least 10 to 15 feet below the top of the upper aquifer, whichever is shallower. The wells do not extend through the laterally extensive clay layer below the upper aquifer. The wells are terminated one to two feet into such a clay layer.

WELL DEVELOPMENT

For all newly installed groundwater monitoring wells, the well casing, filter pack and adjacent formations were cleared of disturbed sediment and water.

Well development techniques included pumping, bailing, surging, swabbing, jetting, flushing or air lifting by using a stainless steel or Teflon bailer, a submersible stainless steel pump, or air lift pump. The well development continued until the discharged water appeared to be relatively free of all turbidity.

All water and sediment generated by well development were collected in 55-gallon steel drums (Department of Transportation approved), closed-head (17-H) for temporary storage, and were then disposed of properly, depending on analytical results.

To assure that cross-contamination did not occur between wells, all well development tools were steam-cleaned or thoroughly washed in a Trisodium Phosphate (TSP) solution followed by a rinse in distilled water before each well development.

GROUNDWATER SAMPLING

Prior to collection of groundwater samples, all of the sampling equipment (i.e. bailer, cables, bladder pump, discharge lines, etc...) were cleaned by pumping TSP water solution followed by distilled water.

Prior to purging the well, "Water Sampling Field Survey Forms" was filled out (depth to water and total depth of water column were measured and recorded). The well was then bailed or pumped to remove four to ten well volumes or until the discharged water temperature, conductivity and pH stabilized. "Stabilized" is defined as three consecutive readings within 15% of one another.

The groundwater sample was collected when the water level in the well recovered to 80% of its static level.

Forty milliliter (ml.), glass volatile organic analysis (VOA) vials with Teflon septa were used as sample containers. The groundwater sample was decanted into each VOA vial in such a manner that there was a meniscus at the top. The cap was quickly placed over the top of the vial and securely tightened. The VOA vial was then inverted and tapped to see if air bubbles were present. If none were present, the sample was labeled and refrigerated for delivery under chain-of-custody to the laboratory. The label information would include a sample identification number, job identification number, date, time, type of analysis requested, and the sampler's name.

File No. 2-00-706-ST

A P P E N D I X "D"

ENVIRO SOIL TECH CONSULTANTS

File No. 2-00-706-ST

Logged By: Frank Hamedi	Exploratory Boring Log	Boring No. STMW-1
Date Drilled: 9/20/2000	Approx. Elevation	Boring Diameter 8-inch
Drilling Method: Mobile drill rig B-40L		Sampling Method

Depth, Ft.	Sample No.	Field Test for Total Ionization	Penetration Resistance Blows/6"	Unified Soil Classification	DESCRIPTION
1					2-inch asphalt, 6-inch greenish sandy gravel with some clay (baserock).
2					Dark brown silty clay, damp, stiff.
3					Light brown silty clay, damp, stiff.
4					Petroleum odor.
5	1-5				
6					Light brown gravely sandy silty clay (weatherize rock).
7					
8					
9					Light brown silty clay with few small pea gravel.
10	1-10				
11					
12					▽ First groundwater encountered at 12 feet.
13					
14					
15					
16					Dark brown silty clay, stiff.

Remarks

File No. 2-00-706-ST

Logged By: 9/20/2000	Exploratory Boring Log	Boring No. STMW-1
Date Drilled: 9/20/2000	Approx. Elevation	Boring Diameter 8-inch
Drilling Method: Mobile drill rig B-40L		Sampling Method

Depth, Ft.	Sample No.	Field Test for Total Ionization	Penetration Resistance Blows/Ft.	Unified Soil Classification	DESCRIPTION
17					Dark brown silty clay, stiff.
18					
19					
20					
21					
22					
23					Boring terminated at 23 feet.
24					
25					
26					
27					
28					
29					
30					
31					
32					

Remarks

File No. 2-00-706-ST

Logged By: Frank Hamedi	Exploratory Boring Log	Boring No. STMW-2
Date Drilled: 9/21/2000	Approx. Elevation	Boring Diameter 8-inch
Drilling Method: Mobile drill rig B-40L		Sampling Method

Depth, Ft.	Sample No.	Field Test for Total Ionization	Penetration Resistance Blows/6"	Unified Soil Classification	DESCRIPTION
1					2-inch asphalt, 6-inch greenish sandy gravel with some clay (baserock).
2					Dark brown silty clay, damp, stiff.
3					Light brown silty clay, damp, stiff.
4					Petroleum odor.
5	2-5				
6					Light brown gravely sandy clay (weatherize rock).
7					
8					
9					Light brown silty clay with some small pea gravel.
10	2-10				
11					
12					▽ First groundwater encountered at 12 feet.
13					
14					
15					Dark brown silty clay, stiff.
16					

Remarks

File No. 2-00-706-ST

Logged By: Frank Hamedi	Exploratory Boring Log	Boring No. STMW-2
Date Drilled: 9/21/2000	Approx. Elevation	Boring Diameter 8-inch

Drilling Method: Mobile drill rig B-40L	Sampling Method

Depth, Ft.	Sample No.	Field Test for Total Ionization	Penetration Resistance Blows/Ft.	Unified Soil Classification	DESCRIPTION
17					Dark brown silty clay, stiff.
18					
19					
20					
21					
22					Boring terminated at 22 feet.
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					

Remarks

File No. 2-00-706-ST

Logged By: Frank Hamedi	Exploratory Boring Log	Boring No. STMW-3
Date Drilled: 9/21/2000	Approx. Elevation	Boring Diameter 8-inch
Drilling Method: Mobile drill rig B-40L		Sampling Method

Depth, Ft.	Sample No.	Field Test for Total Ionization	Penetration Resistance Blows/6"	Unified Soil Classification	DESCRIPTION
1					2-inch asphalt, 6-inch greenish sandy gravel with some clay (baserock).
2					Dark brown silty clay, damp, stiff.
3					Light brown silty clay, damp, stiff.
4					
5	3-5				
6					Petroleum odor.
7					Light brown gravely sandy clay (weatherize rock).
8					
9					
10	3-10				Light brown silty clay with some small pea gravel.
11					
12					▽ First groundwater encountered at 12 feet.
13					
14					Dark brown silty clay, stiff.
15					
16					

Remarks

File No. 2-00-706-ST

Logged By: Frank Hamedi	Exploratory Boring Log	Boring No. STMW-3
Date Drilled: 9/21/2000	Approx. Elevation	Boring Diameter 8-inch
Drilling Method: Mobile drill rig B-40L		Sampling Method

Depth, Ft.	Sample No.	Field Test for Total Ionization	Penetration Resistance Blows/Ft.	Unified Soil Classification	DESCRIPTION
17					Dark brown silty clay, stiff.
18					
19					
20					
21					
22					Boring terminated at 22 feet.
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					

Remarks

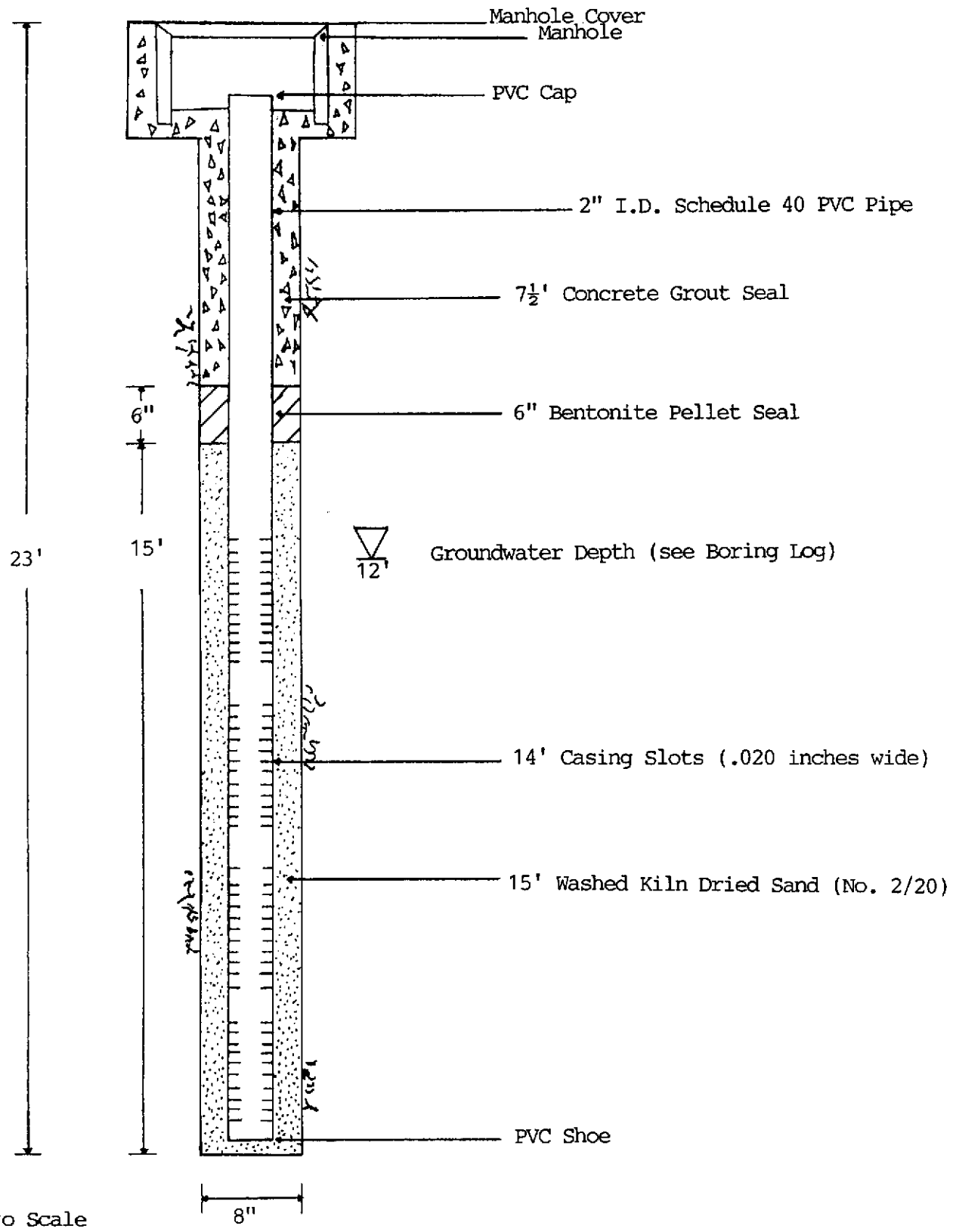
File No. 2-00-706-ST

Logged By: Frank Hamedi	Exploratory Boring Log	Boring No. B-4
Date Drilled: 9/22/2000	Approx. Elevation	Boring Diameter 8-inch
Drilling Method: Mobile drill rig B-40L	Sampling Method	

Depth, Ft.	Sample No.	Field Test for Total Ionization	Penetration Resistance Blows/6"	Unified Soil Classification	DESCRIPTION
1					2-inch asphalt, 6-inch greenish sandy gravel with some clay (baserock).
					Dark brown silty clay, damp, stiff.
2					
3					Light brown silty clay, damp, stiff.
4					
5	4-5				Petroleum odor.
6					Light brown gravely sandy clay (weatherize rock).
7					
8					
9					
10	4-10				Light brown silty clay with some small pea gravel.
11					
12					▽ First groundwater encountered at 12 feet.
13					
14					Dark brown silty clay, stiff.
15					Boring terminated at 15 feet.
16					

Remarks

File No. 2-00-706-ST



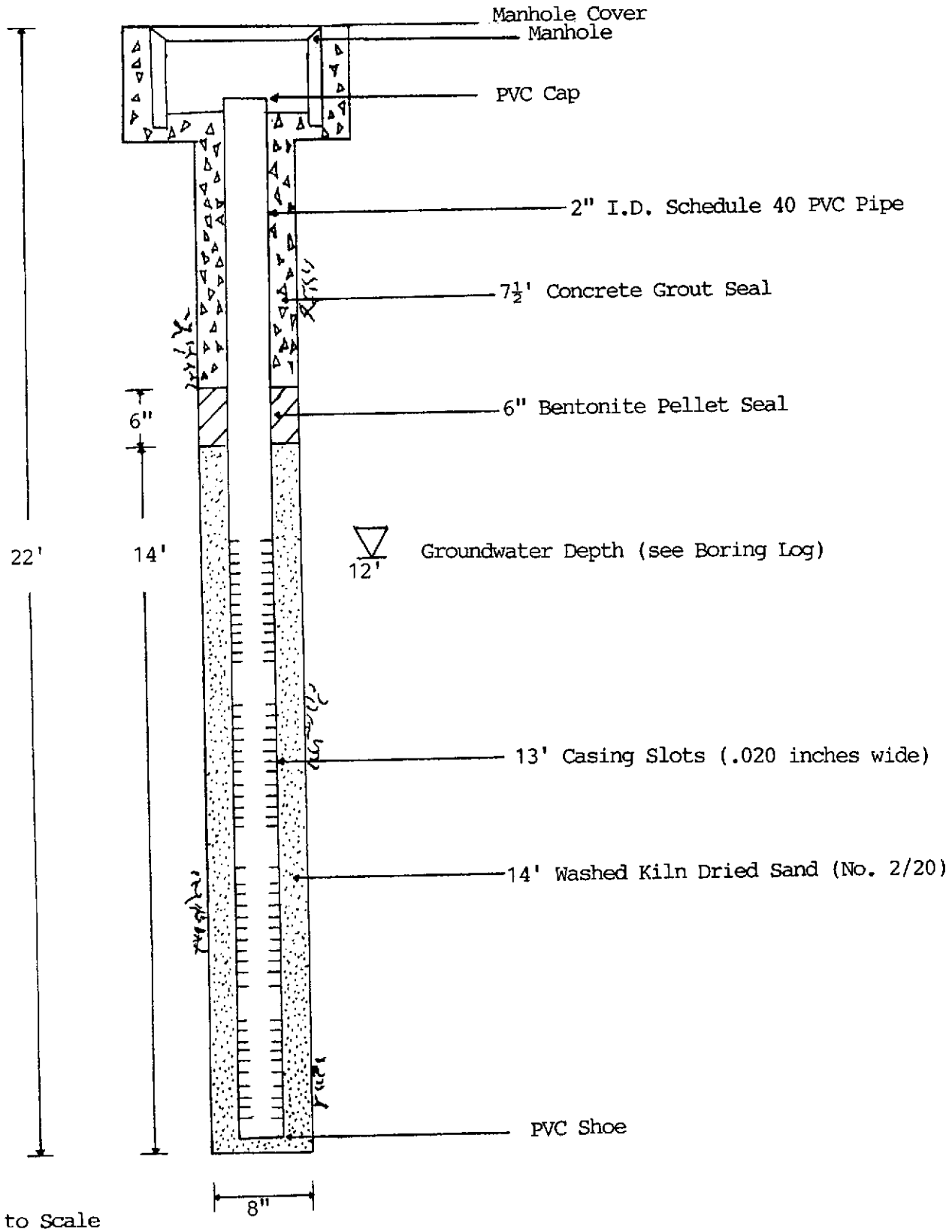
STMW-1

Piezometer Schematic

PS1

ENVIRO SOIL TECH CONSULTANTS

File No. 2-00-706-ST



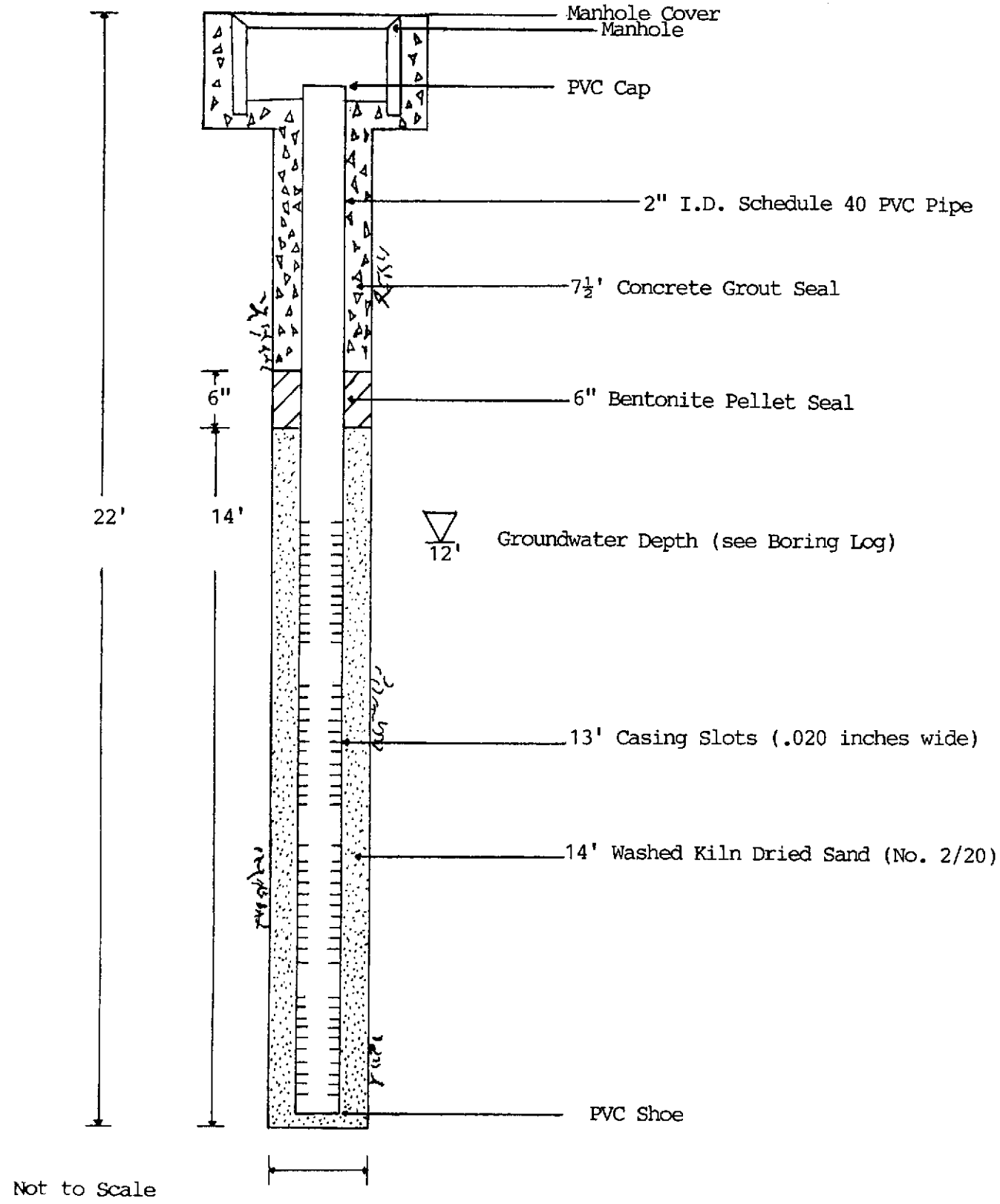
STMW-2

PS2

Piezometer Schematic

ENVIRO SOIL TECH CONSULTANTS

File No. 2-00-706-ST



STMW-3

Piezometer Schematic

PS3

ENVIRO SOIL TECH CONSULTANTS

File No. 2-00-706-ST

A P P E N D I X "E"

ENVIRO SOIL TECH CONSULTANTS

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

October 04, 2000

Frank Hamedi
Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111

Order:	22478	**Date Collected:**	9/20/00
Project Name:	20570 Stanton Ave.	**Date Received:**	9/27/00
Project Number:	2-00-706-ST	**P.O. Number:**	
Project Notes:			

On September 27, 2000, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	EPA 8260B	EPA 8260B
	TPH as Gasoline	EPA 8015 MOD. (Purgeable)

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely,

Michelle L. Anderson
Lab Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-001 **Client Sample ID:** 1 @ 1-5
Sample Time: 1:20 PM **Sample Date:** 9/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	18		100	0.050	5	mg/Kg	N/A	9/29/00	SGC2000929	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	111	65 - 135

Comment: Sample required methanol extraction due to high concentrations of target hydrocarbons

Order ID: 22478 **Lab Sample ID:** 22478-002 **Client Sample ID:** 2 @ 1-10
Sample Time: 1:50 PM **Sample Date:** 9/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	76		100	0.050	5	mg/Kg	N/A	9/29/00	SGC2000929	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	65	65 - 135

Comment: Sample required methanol extraction due to high concentrations of target hydrocarbons

Order ID: 22478 **Lab Sample ID:** 22478-003 **Client Sample ID:** 3 @ 2-5
Sample Time: 12:15 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	10/2/00	SGC2000929	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	131	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-004 **Client Sample ID:** 4 @ 2-10
Sample Time: 12:50 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	10/2/00	SGC2000929	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	66	65 - 135

Order ID: 22478 **Lab Sample ID:** 22478-005 **Client Sample ID:** 5 @ 3-5
Sample Time: 1:45 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	1.3		1	1	1	mg/Kg	N/A	9/29/00	SGC2000928	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	71	65 - 135

Order ID: 22478 **Lab Sample ID:** 22478-006 **Client Sample ID:** 6 @ 3-10
Sample Time: 2:20 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	9/29/00	SGC2000929	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	68	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-007 **Client Sample ID:** 7 @ 4-5

Sample Time: 12:30 PM **Sample Date:** 9/22/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		10	1	10	mg/Kg	N/A	9/29/00	SGC2000929	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	118	65 - 135

Comment: Sample diluted due to high concentrations of non-target hydrocarbons

Order ID: 22478 **Lab Sample ID:** 22478-008 **Client Sample ID:** 8 @ 4-10

Sample Time: 1:00 PM **Sample Date:** 9/22/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	9/29/00	SGC2000929	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	107	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-001 **Client Sample ID:** 1 @ 1-5

Sample Time: 1:20 PM **Sample Date:** 9/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,1-Trichloroethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2-Trichloroethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloropropene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichlorobenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichloropropane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trichlorobenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trimethylbenzene	480		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromoethane (EDB)	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichlorobenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloroethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloropropane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3,5-Trimethylbenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichlorobenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichloropropane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,4-Dichlorobenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2,2-Dichloropropane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Butanone (MEK)	ND		50	20	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chlorotoluene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Hexanone	ND		50	20	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Chlorotoluene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		50	20	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acetone	ND		50	100	5000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acrylonitrile	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Allyl Chloride	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzyl Chloride	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromobenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromochloromethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromodichloromethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromoform	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromomethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-001 **Client Sample ID:** 1 @ 1-5

Sample Time: 1:20 PM **Sample Date:** 9/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		50	15	750	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Carbon Tetrachloride	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chlorobenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroform	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloromethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,2-Dichloroethene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,3-Dichloropropene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		50	20	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromochloromethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromomethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dichlorodifluoromethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Diisopropyl Ether	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Benzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Methacrylate	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Hexachlorobutadiene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Iodomethane	ND		50	20	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Isopropylbenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methacrylonitrile	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl Methacrylate	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl-t-butyl Ether	1500		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methylene Chloride	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Butylbenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Propylbenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Naphthalene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
p-Isopropyltoluene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Pentachloroethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Propionitrile	ND		50	20	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
sec-Butylbenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Styrene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Amyl Methyl Ether	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butanol	ND		50	20	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butyl Ethyl Ether	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butylbenzene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Tetrachloroethene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Toluene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,2-Dichloroethene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-001 **Client Sample ID:** 1 @ 1-5

Sample Time: 1:20 PM **Sample Date:** 9/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		50	20	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichloroethene	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichlorofluoromethane	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Vinyl Chloride	ND		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Xylenes, Total	1100		50	5	250	µg/Kg	10/1/00	SMS2000930	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104	65 - 135
Dibromofluoromethane	164	65 - 135
Toluene-d8	92	65 - 135

Comment: Surrogate recovery out of control limits due to matrix interference

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-002 **Client Sample ID:** 2 @ 1-10

Sample Time: 1:50 PM **Sample Date:** 9/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,1-Trichloroethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2-Trichloroethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloropropene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichlorobenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichloropropane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trichlorobenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trimethylbenzene	5800		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromoethane (EDB)	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichlorobenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloroethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloropropane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3,5-Trimethylbenzene	1700		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichlorobenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichloropropane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,4-Dichlorobenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2,2-Dichloropropane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Butanone (MEK)	ND		200	20	4000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chlorotoluene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Hexanone	ND		200	20	4000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Chlorotoluene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		200	20	4000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acetone	ND		200	100	20000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acrylonitrile	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Allyl Chloride	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzyl Chloride	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromobenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromochloromethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromodichloromethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromoform	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromomethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-002 **Client Sample ID:** 2 @ 1-10

Sample Time: 1:50 PM **Sample Date:** 9/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		200	15	3000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Carbon Tetrachloride	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chlorobenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroform	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloromethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,2-Dichloroethene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,3-Dichloropropene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		200	20	4000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromochloromethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromomethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dichlorodifluoromethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Diisopropyl Ether	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Benzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Methacrylate	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Hexachlorobutadiene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Iodomethane	ND		200	20	4000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Isopropylbenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methacrylonitrile	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl Methacrylate	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl-t-butyl Ether	1600		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methylene Chloride	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Butylbenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Propylbenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Naphthalene	2000		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
p-Isopropyltoluene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Pentachloroethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Propionitrile	ND		200	20	4000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
sec-Butylbenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Styrene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Amyl Methyl Ether	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butanol	ND		200	20	4000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butyl Ethyl Ether	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butylbenzene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Tetrachloroethene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Toluene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,2-Dichloroethene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle E. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-002 **Client Sample ID:** 2 @ 1-10

Sample Time: 1:50 PM **Sample Date:** 9/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		200	20	4000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichloroethene	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichlorofluoromethane	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Vinyl Chloride	ND		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Xylenes, Total	7700		200	5	1000	µg/Kg	10/1/00	SMS2000930	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	111	65 - 135
Dibromofluoromethane	87	65 - 135
Toluene-d8	92	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-003 **Client Sample ID:** 3 @ 2-5

Sample Time: 12:15 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromomethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle D. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-003 **Client Sample ID:** 3 @ 2-5

Sample Time: 12:15 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		1	15	15	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Iodomethane	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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CA ELAP# 2346

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-003 **Client Sample ID:** 3 @ 2-5

Sample Time: 12:15 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102	65 - 135
Dibromofluoromethane	87	65 - 135
Toluene-d8	100	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-004 **Client Sample ID:** 4 @ 2-10

Sample Time: 12:50 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trimethylbenzene	9.5		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromomethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-004 **Client Sample ID:** 4 @ 2-10

Sample Time: 12:50 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		1	15	15	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Iodomethane	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-004 **Client Sample ID:** 4 @ 2-10

Sample Time: 12:50 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	81	65 - 135
Dibromofluoromethane	103	65 - 135
Toluene-d8	114	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-005 **Client Sample ID:** 5 @ 3-5

Sample Time: 1:45 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Bromomethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-005 **Client Sample ID:** 5 @ 3-5

Sample Time: 1:45 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		1	15	15	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Iodomethane	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-005 **Client Sample ID:** 5 @ 3-5

Sample Time: 1:45 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	9/30/00	SMS2000930	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	96	65 - 135
Dibromofluoromethane	93	65 - 135
Toluene-d8	105	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-006 **Client Sample ID:** 6 @ 3-10

Sample Time: 2:20 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromomethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-006 **Client Sample ID:** 6 @ 3-10

Sample Time: 2:20 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		1	15	15	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Iodomethane	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-006 **Client Sample ID:** 6 @ 3-10

Sample Time: 2:20 PM **Sample Date:** 9/21/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	10/1/00	SMS2000930	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	90	65 - 135
Dibromofluoromethane	91	65 - 135
Toluene-d8	109	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-007 **Client Sample ID:** 7 @ 4-5

Sample Time: 12:30 PM **Sample Date:** 9/22/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,1-Trichloroethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2-Trichloroethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloropropene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichlorobenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichloropropane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trichlorobenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trimethylbenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromoethane (EDB)	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichlorobenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloroethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloropropane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3,5-Trimethylbenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichlorobenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichloropropane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,4-Dichlorobenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2,2-Dichloropropane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Butanone (MEK)	ND		20	20	400	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chlorotoluene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Hexanone	ND		20	20	400	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Chlorotoluene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		20	20	400	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acetone	ND		20	100	2000	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acrylonitrile	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Allyl Chloride	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzyl Chloride	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromobenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromochloromethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromodichloromethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromoform	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromomethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-007 **Client Sample ID:** 7 @ 4-5

Sample Time: 12:30 PM **Sample Date:** 9/22/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		20	15	300	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Carbon Tetrachloride	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chlorobenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroform	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloromethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,2-Dichloroethene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,3-Dichloropropene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		20	20	400	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromochloromethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromomethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dichlorodifluoromethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Diisopropyl Ether	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Benzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Methacrylate	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Hexachlorobutadiene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Iodomethane	ND		20	20	400	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Isopropylbenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methacrylonitrile	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl Methacrylate	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl-t-butyl Ether	300		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methylene Chloride	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Butylbenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Propylbenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Naphthalene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
p-Isopropyltoluene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Pentachloroethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Propionitrile	ND		20	20	400	µg/Kg	10/1/00	SMS2000930	EPA 8260B
sec-Butylbenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Styrene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Amyl Methyl Ether	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butanol	500		20	20	400	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butyl Ethyl Ether	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butylbenzene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Tetrachloroethene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Toluene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,2-Dichloroethene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-007 **Client Sample ID:** 7 @ 4-5

Sample Time: 12:30 PM **Sample Date:** 9/22/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		20	20	400	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichloroethene	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichlorofluoromethane	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Vinyl Chloride	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Xylenes, Total	ND		20	5	100	µg/Kg	10/1/00	SMS2000930	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	91	65 - 135
Dibromofluoromethane	89	65 - 135
Toluene-d8	105	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-008 **Client Sample ID:** 8 @ 4-10

Sample Time: 1:00 PM **Sample Date:** 9/22/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,1-Trichloroethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1,2-Trichloroethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloroethene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,1-Dichloropropene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichlorobenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,3-Trichloropropane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trichlorobenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2,4-Trimethylbenzene	20		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dibromoethane (EDB)	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichlorobenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloroethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,2-Dichloropropane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3,5-Trimethylbenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichlorobenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,3-Dichloropropane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
1,4-Dichlorobenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2,2-Dichloropropane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Butanone (MEK)	ND		4	20	80	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Chlorotoluene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
2-Hexanone	ND		4	20	80	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Chlorotoluene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		4	20	80	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acetone	ND		4	100	400	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Acrylonitrile	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Allyl Chloride	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzene	20		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Benzyl Chloride	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromobenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromochloromethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromodichloromethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromoform	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Bromomethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-008 **Client Sample ID:** 8 @ 4-10

Sample Time: 1:00 PM **Sample Date:** 9/22/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		4	15	60	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Carbon Tetrachloride	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chlorobenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloroform	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Chloromethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,2-Dichloroethene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,3-Dichloropropene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		4	20	80	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromochloromethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dibromomethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Dichlorodifluoromethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Diisopropyl Ether	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Benzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Ethyl Methacrylate	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Hexachlorobutadiene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Iodomethane	ND		4	20	80	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Isopropylbenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methacrylonitrile	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl Methacrylate	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methyl-t-butyl Ether	160		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Methylene Chloride	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Butylbenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
n-Propylbenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Naphthalene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
p-Isopropyltoluene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Pentachloroethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Propionitrile	ND		4	20	80	µg/Kg	10/1/00	SMS2000930	EPA 8260B
sec-Butylbenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Styrene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Amyl Methyl Ether	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butanol	ND		4	20	80	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butyl Ethyl Ether	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
tert-Butylbenzene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Tetrachloroethene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Toluene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,2-Dichloroethene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/04/00
Date Received: 9/27/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22478 **Lab Sample ID:** 22478-008 **Client Sample ID:** 8 @ 4-10

Sample Time: 1:00 PM **Sample Date:** 9/22/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		4	20	80	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichloroethene	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Trichlorofluoromethane	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Vinyl Chloride	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B
Xylenes, Total	ND		4	5	20	µg/Kg	10/1/00	SMS2000930	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	73	65 - 135
Dibromofluoromethane	99	65 - 135
Toluene-d8	121	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography
Laboratory Control Sample

QC Batch #: SGC2000929
Matrix: Soil
Units: µg/kg

Date Analyzed: 09/29/00
Quality Control Sample: Blank Spike

PARAMETER	Method #	MB µg/kg	SA µg/kg	SR µg/kg	SP	**SP % R**	SPD µg/kg	**SPD %R**	RPD	QC LIMITS RPD	QC LIMITS %R
Benzene	8020	<5.0	4.3	ND	3.8	**88**	3.7	**86**	1.7	25	75-125
Toluene	8020	<5.0	28.0	ND	31	**110**	30	**107**	2.5	25	75-125
Ethyl Benzene	8020	<5.0	6.8	ND	6.6	**98**	6.0	**88**	10.0	25	75-125
Xylenes	8020	<5.0	26.0	ND	31	**118**	29	**113**	5.1	25	75-125
Gasoline	8015	<1000	484	ND	596	**123**	545	**113**	9.0	25	75-125
aaa-TFT(S.S.)-PID	8020			122%	118%		112%				65-135
aaa-TFT(S.S.)-FID	8015			105%	99%		100%				65-135

Definition of Terms:

- na: Not Analyzed in QC batch
- MB: Method Blank
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike % Recovery
- NC: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

Volatile Organic Compounds
Laboratory Control Sample

QC Batch #: SMS2000930
Matrix: Solid
Units: µg/kg

Date analyzed: 09/30/00
Spiked Sample: Blank Spike

PARAMETER	Method #	SA µg/kg	SR µg/kg	SP µg/kg	SP %R	SPD µg/kg	SPD %R	RPD	QC LIMITS RPD	QC LIMITS %R
1,1-Dichloroethene	8240/8260	25	ND	29	**115**	25	**101**	13.3	25	50-150
Benzene	8240/8260	25	ND	27	**108**	27	**109**	0.7	25	50-150
Trichloroethene	8240/8260	25	ND	27	**108**	27	**108**	0.0	25	50-150
Toluene	8240/8260	25	ND	25	**101**	26	**103**	2.0	25	50-150
Chlorobenzene	8240/8260	25	ND	27	**106**	26	**106**	0.4	25	50-150
Surrogates										
Toluene -d8	8240/8260		105%	95%		98%				65-135
Dibromofluoromethane	8240/8260		95%	94%		107%				65-135
4-Bromofluorobenzene	8240/8260		95%	107%		102%				65-135

Calculated Recoveries Outside of Recovery Limits:

Definition of Terms:

na: Not Analyzed in QC batch
SA: Spike Added
SR: Sample Result
RPD(%): Duplicate Analysis - Relative Percent Difference
SP: Spike Result
SP (%R): Spike % Recovery
SPD: Spike Duplicate Result
SPD (%R): Spike Duplicate % Recovery
NC: Not Calculated

CHAIN OF CUSTODY RECORD

PROJ. NO. 2-00-706 ST

NAME 20570 Stanton Ave., Castro Valley

SAMPLERS: (Signature)

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	ANALYSES REQUESTED (2) TPH-G (8015)	EPA 8260B		REMARKS
1	9/20/00	13:20	✓		1-5	1	✓	✓	22478-001	Please also report MTBE
2	9/20/00	13:50	✓		1-10	1	✓	✓	002	Concentration on 8260B.
3	9/21/00	12:15	✓		2-5	1	✓	✓	003	
4	9/21/00	12:50	✓		2-10	1	✓	✓	004	
5	9/21/00	13:45	✓		3-5	1	✓	✓	005	
6	9/21/00	14:20	✓		3-10	1	✓	✓	006	
7	9/22/00	12:30	✓		4-5	1	✓	✓	007	
8	9/22/00	13:00	✓		4-10	1	✓	✓	008	

00 SEP 27 15:10

Relinquished by: (Signature)	Date / Time 9/27/00 1315	Received by: (Signature)	Relinquished by: (Signature)	Date / Time 9/27/00 1510	Receive by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Please send report to Frank Hamedi	

ENVIRO SOIL TECH CONSULTANTS
Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

October 13, 2000

Frank Hamedi
Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111

Order: 22634
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
Project Notes:

Date Collected: 10/4/00
Date Received: 10/6/00
P.O. Number:

On October 06, 2000, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	EPA 8260B	EPA 8260B
	TPH as Gasoline	EPA 8015 MOD. (Purgeable)

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely,

Michelle L. Anderson
Lab Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-001 **Client Sample ID:** STMW-1
Sample Time: 11:30 AM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	60000	x	500	50	25000	µg/L	N/A	10/10/00	WGC2001010	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	114	65 - 135

Order ID: 22634 **Lab Sample ID:** 22634-002 **Client Sample ID:** STMW-2
Sample Time: 12:45 PM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	69	x	1	50	50	µg/L	N/A	10/10/00	WGC2001010	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	111	65 - 135

Order ID: 22634 **Lab Sample ID:** 22634-003 **Client Sample ID:** STMW-3
Sample Time: 1:55 PM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	10/10/00	WGC2001010	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	117	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle E. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-001 **Client Sample ID:** STMW-1

Sample Time: 11:30 AM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1,1-Trichloroethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1,2-Trichloroethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1-Dichloroethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1-Dichloroethene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1-Dichloropropene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,3-Trichlorobenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,3-Trichloropropane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,4-Trichlorobenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,4-Trimethylbenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dibromoethane (EDB)	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dichlorobenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dichloroethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dichloropropane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,3,5-Trimethylbenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,3-Dichlorobenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,3-Dichloropropane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,4-Dichlorobenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
2,2-Dichloropropane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Butanone (MEK)	ND		500	20	10000	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Chlorotoluene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Hexanone	ND		500	20	10000	µg/L	10/9/00	WMS2001008B	EPA 8260B
4-Chlorotoluene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		500	20	10000	µg/L	10/9/00	WMS2001008B	EPA 8260B
Acetone	ND		500	100	50000	µg/L	10/9/00	WMS2001008B	EPA 8260B
Acrylonitrile	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Allyl Chloride	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Benzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Benzyl Chloride	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromobenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromochloromethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromodichloromethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromoform	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromomethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-001 **Client Sample ID:** STMW-1

Sample Time: 11:30 AM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		500	15	7500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Carbon Tetrachloride	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chlorobenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chloroethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chloroform	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chloromethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
cis-1,2-Dichloroethene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
cis-1,3-Dichloropropene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		500	20	10000	µg/L	10/9/00	WMS2001008B	EPA 8260B
Dibromochloromethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Dibromomethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Dichlorodifluoromethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Diisopropyl Ether	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Ethyl Benzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Ethyl Methacrylate	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Hexachlorobutadiene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Iodomethane	ND		500	20	10000	µg/L	10/9/00	WMS2001008B	EPA 8260B
Isopropylbenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methacrylonitrile	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methyl Methacrylate	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methyl-t-butyl Ether	69000		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methylene Chloride	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
n-Butylbenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
n-Propylbenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Naphthalene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
p-Isopropyltoluene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Pentachloroethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Propionitrile	ND		500	20	10000	µg/L	10/9/00	WMS2001008B	EPA 8260B
sec-Butylbenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Styrene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Amyl Methyl Ether	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Butanol	ND		500	20	10000	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Butyl Ethyl Ether	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Butylbenzene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Tetrachloroethene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Toluene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
trans-1,2-Dichloroethene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-001 **Client Sample ID:** STMW-1

Sample Time: 11:30 AM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		500	20	10000	µg/L	10/9/00	WMS2001008B	EPA 8260B
Trichloroethene	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Trichlorofluoromethane	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Vinyl Chloride	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B
Xylenes, Total	ND		500	5	2500	µg/L	10/9/00	WMS2001008B	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	86	65 - 135
Dibromofluoromethane	95	65 - 135
Toluene-d8	123	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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131 Tully Road
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Attn: Frank Hamedi

Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-002 **Client Sample ID:** STMW-2

Sample Time: 12:45 PM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
Acetone	ND		1	1	1	µg/L	10/9/00	WMS2001008B	EPA 8260B
Acrylonitrile	ND		1	1	1	µg/L	10/9/00	WMS2001008B	EPA 8260B
Allyl Chloride	ND		1	1	1	µg/L	10/9/00	WMS2001008B	EPA 8260B
Benzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromoform	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromomethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle G. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-002 **Client Sample ID:** STMW-2

Sample Time: 12:45 PM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		1	15	15	µg/L	10/9/00	WMS2001008B	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chloroform	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chloromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Dibromomethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Iodomethane	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methyl-t-butyl Ether	66		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Propionitrile	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Styrene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Butanol	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Toluene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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131 Tully Road
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Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-002 **Client Sample ID:** STMW-2

Sample Time: 12:45 PM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
Trichloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	77	65 - 135
Dibromofluoromethane	115	65 - 135
Toluene-d8	131	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Attn: Frank Hamedi

Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-003 **Client Sample ID:** STMW-3

Sample Time: 1:55 PM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
Acetone	ND		1	100	100	µg/L	10/9/00	WMS2001008B	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Benzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromoform	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Bromomethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-003 **Client Sample ID:** STMW-3

Sample Time: 1:55 PM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Carbon Disulfide	ND		1	15	15	µg/L	10/9/00	WMS2001008B	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chloroform	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Chloromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Dibromomethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Iodomethane	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Propionitrile	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Styrene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Butanol	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Toluene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94085 • (408) 735-1550 • Fax (408) 735-1554

Enviro Soil Tech Consultants
131 Tully Road
San Jose, CA 95111
Attn: Frank Hamedi

Date: 10/13/00
Date Received: 10/6/00
Project Name: 20570 Stanton Ave.
Project Number: 2-00-706-ST
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 22634 **Lab Sample ID:** 22634-003 **Client Sample ID:** STMW-3

Sample Time: 1:55 PM **Sample Date:** 10/4/00 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
trans-1,3-Dichloropropene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/L	10/9/00	WMS2001008B	EPA 8260B
Trichloroethene	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/L	10/9/00	WMS2001008B	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97	65 - 135
Dibromofluoromethane	84	65 - 135
Toluene-d8	113	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

METHOD: Gas Chromatography
Laboratory Control Sample

QC Batch #: WGC2001010
Matrix: Water
Units: µg/Liter

Date Analyzed: 10/10/00
Quality Control Sample: Blank Spike

PARAMETER	Method #	MB µg/Liter	SA µg/Liter	SR µg/Liter	SP µg/Liter	**SP % R**	SPD µg/Liter	**SPD %R**	RPD	QC LIMITS RPD	QC LIMITS %R
Benzene	8020	<0.50	4.3	ND	3.9	**90**	4.0	**92**	2.8	25	67-115
Toluene	8020	<0.50	28.0	ND	30	**107**	30	**109**	2.0	25	82-122
Ethyl Benzene	8020	<0.50	6.8	ND	5.9	**86**	5.9	**87**	1.2	25	77-114
Xylenes	8020	<0.50	26.0	ND	29	**112**	29	**112**	0.0	25	86-126
Gasoline	8015	<50.0	484	ND	508	**105**	520	**107**	2.3	25	74-122
aaa-TFT(S.S.)-PID	8020			123%	109%		112%				65-135
aaa-TFT(S.S.)-FID	8015			106%	97%		100%				65-135

Definition of Terms:

- na: Not Analyzed in QC batch
- MB: Method Blank
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike % Recovery
- nc: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

Volatile Organic Compounds
Laboratory Control Sample

QC Batch #: WMS2001008B
Matrix: Liquid
Units: µg/L

Date analyzed: 10/08/00
Spiked Sample: Blank Spike

PARAMETER	Method #	SA µg/L	SR µg/L	SP µg/L	SP %R	SPD µg/L	SPD %R	RPD	QC LIMITS RPD	QC LIMITS %R
1,1- Dichloroethene	8240/8260	40	ND	31.5	**79**	32	**81**	2.2	25	50-150
Benzene	8240/8260	40	ND	40.0	**100**	**39**	**117**	15.9	25	50-150
Trichloroethene	8240/8260	40	ND	46.3	**116**	47	**107**	8.3	25	50-150
Toluene	8240/8260	40	ND	43.7	**109**	43	**102**	7.1	25	50-150
Chlorobenzene	8240/8260	40	ND	42.5	**106**	41	**102**	4.3	25	50-150
Surrogates										
Dibromofluoromethane	8240/8260		121%	120%		123%				65-135
Toluene-d8	8240/8260		135%	130%		131%				65-135
4-Bromofluorobenzene	8240/8260		80%	94%		94%				65-135

Definition of Terms:

na: Not Analyzed in QC batch
SA: Spike Added
SR: Sample Result
RPD(%): Duplicate Analysis - Relative Percent Difference
SP: Spike Result
SP (%R): Spike % Recovery
SPD: Spike Duplicate Result
SPD (%R): Spike Duplicate % Recovery

CHAIN OF CUSTODY RECORD

PROJ. NO. 2-00-706-ST | NAME 20570 Stanton Ave., Castro Valley

SAMPLERS: (Signature) Richard Manley

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	Analyses Requested (2) TPHg	EPA 8260B					REMARKS
22634-001	10/6/00	11:30		✓	STMW-1	6	✓	✓					Please also report MTBE Concentration
002	↓	12:45		✓	STMW-2	6	✓	✓					
003	↓	13:55		✓	STMW-3	6	✓	✓					

00 OCT 6 7:32

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Receive by: (Signature)
Richard Manley	10/6/00 1500	Lio Rodriguez	Lio Rodriguez	10/6/00 1732	[signature]
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Please send the report to Frank Hamedi.	

ENVIRO SOIL TECH CONSULTANTS
Environmental & Geotechnical Consultants
131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111
Tel: (408) 297-1500 Fax: (408) 292-2116

File No. 2-00-706-ST

A P P E N D I X "F"

ENVIRO SOIL TECH CONSULTANTS

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-5554
FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT: 20570 Stanton Avenue
Castro Valley, CA

CLIENT
Name: Stop 'N Save, Inc. Phone: 510-732-5700
Address: 25064 Viking Street Zip: 94545
City: Hayward

APPLICANT
Name: Enviro Soil Tech Consultants Fax: 408-297-2116
Address: 131 Tully Road Phone: 408-297-1500
City: San Jose Zip: 95111

TYPE OF PROJECT

Well Construction	( )	Geotechnical Investigation	
Cathodic Protection	( )	General	(X)
Water Supply	( )	Contamination	( )
Monitoring	( )	Well Destruction	( )

PROPOSED WATER SUPPLY WELL USE

New Domestic	( )	Replacement Domestic	( )
Municipal	( )	Irrigation	( )
Industrial	( )	Other	( )

DRILLING METHOD:

Mud Rotary	( )	Air Rotary	( )	Auger	X
Cable	( )	Other	( )		

DRILLER'S NAME: Alpha Geo Services

DRILLER'S LICENSE NO. 507520
Exp. 7-31-01

WELL PROJECTS
Drill Hole Diameter ____ in. Maximum
Casing Diameter ____ in. Depth ____ ft.
Surface Seal Depth ____ ft. Owner's Well Number ____

GEOTECHNICAL PROJECTS
Number of Borings 1 Maximum
Hole Diameter 8 in. Depth 15 ft.

ESTIMATED STARTING DATE 9/20/2000
ESTIMATED COMPLETION DATE 9/29/2000

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

APPLICANT'S SIGNATURE [signature] DATE 8/29/2000

PLEASE PRINT NAME Frank Hamedi-Fard

Rev.6 -5-00

FOR OFFICE USE
PERMIT NUMBER WO-596
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

(B.) GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

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

F. WELL DESTRUCTION
See attached requirements for destruction of shallow wells. Send a map of work site. A different permit application is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED [signature] DATE 9-20-00

PUBLIC WORKS

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-5554
FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 20570 Stanton Avenue
Castro Valley, CA

CLIENT
Name Stop 'N Save, Inc.
Address 25064 Viking Street Phone 510-732-5700
City Hayward Zip 94545

APPLICANT
Name Enviro Soil Tech Consultants Fax 408-292-2116
Address 131 Tully Road Phone 408-292-1500
City San Jose Zip 95111

TYPE OF PROJECT

Well Construction	X	Geotechnical Investigation	
Cathodic Protection		General	X
Water Supply		Contamination	
Monitoring	X	Well Destruction	

PROPOSED WATER SUPPLY WELL USE

New Domestic		Replacement Domestic	
Municipal		Irrigation	
Industrial		Other	

DRILLING METHOD:

Mud Rotary		Air Rotary		Auger	X
Cable		Other			

DRILLER'S NAME Alpha Geo Services

DRILLER'S LICENSE NO. 507520
Exp. 3-31-01

WELL PROJECTS
Drill Hole Diameter 8 in. Maximum Depth 25 ft.
Casing Diameter 2 in. Owner's Well Number STMW-1
Surface Seal Depth 8 ft.

GEOTECHNICAL PROJECTS
Number of Borings ___ Maximum
Hole Diameter ___ in. Depth ___ ft.

ESTIMATED STARTING DATE 9/20/2000
ESTIMATED COMPLETION DATE 9/27/2000

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

APPLICANT'S SIGNATURE [signature] DATE 8/29/2000

PLEASE PRINT NAME Frank Hamedi-Fard

Rev.6 -5-00

FOR OFFICE USE
PERMIT NUMBER WO0-597
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the ACFWA office five days prior to proposed starting date.
2. Submit to ACFWA within 60 days after completion of permitted original Department of Water Resources Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS
INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-inches first replaced in kind or with compacted cuttings.

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

F. WELL DESTRUCTION
See attached requirements for destruction of shallow wells. Send a map of work site. A different permit application is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED [signature] DATE 9-20-00

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-5554
FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE
PERMIT NUMBER W00-598
WELL NUMBER
APN

LOCATION OF PROJECT 20570 Stanton Avenue
Castro Valley, CA

CLIENT
NAME Stop 'N Save, Inc. Phone 510-732-5700
ADDRESS 25064 Viking Street
CITY Hayward

APPLICANT
NAME Enviro Soil Tech Consultants Fax 408-292-2176
ADDRESS 131 Tully Road Phone 408-297-1500
CITY San Jose Zip 95111

TYPE OF PROJECT
Well Construction X
Cathodic Protection
Water Supply
Monitoring X
Geotechnical Investigation
General
Contamination
Well Destruction

PROPOSED WATER SUPPLY WELL USE
New Domestic
Municipal
Irrigation
Other
Replacement Domestic

DRILLING METHOD:
Mud Rotary
Cable
Air Rotary
Other
Auger X

DRILLER'S NAME Alpha Geo Services

DRILLER'S LICENSE NO. 507520
Exp. 7-31-01

WELL PROJECTS
Drill Hole Diameter 8 in. Maximum Depth 25 ft.
Casing Diameter 2 in. Owner's Well Number SVMW-2
Surface Seal Depth 8 ft.

GEOTECHNICAL PROJECTS
Number of Borings
Hole Diameter in. Maximum Depth ft.

ESTIMATED STARTING DATE 9/20/2000
ESTIMATED COMPLETION DATE 9/21/2000

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

APPLICANT'S SIGNATURE [signature] DATE 8/29/2000

PLEASE PRINT NAME Frank Hamedi-Fard

Rev.6-5-00

PERMIT CONDITIONS
Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

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

F. WELL DESTRUCTION
See attached requirements for destruction of shallow wells. Send a map of work site. A different permit application is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED [signature] DATE 9-20-00

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6554
FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 20570 Stanton Avenue
Castro Valley, CA

CLIENT
Name Stop 'N Save, Inc.
Address 25064 Viking Street Phone 510-732-5700
City Hayward Zip 94545

APPLICANT
Name Enviro Soil Tech Consultants Fax 408-292-2116
Address 131 Tully Road Phone 408-297-1500
City San Jose Zip 95111

TYPE OF PROJECT
Well Construction X Geotechnical Investigation
Cathodic Protection General X
Water Supply Contamination
Monitoring X Well Destruction

PROPOSED WATER SUPPLY WELL USE
New Domestic Replacement Domestic
Municipal Irrigation
Industrial Other

DRILLING METHOD:
Mud Rotary Air Rotary Auger X
Cable Other

DRILLER'S NAME Alpha Geo Services

DRILLER'S LICENSE NO. 507520
exp. 3-31-01

WELL PROJECTS
Drill Hole Diameter 8 in. Maximum Depth 25 ft.
Casing Diameter 2 in. Owner's Well Number SIMW-3
Surface Seal Depth 8 ft.

GEOTECHNICAL PROJECTS
Number of Borings Maximum
Hole Diameter in. Depth ft.

ESTIMATED STARTING DATE 9/20/2000
ESTIMATED COMPLETION DATE 9/21/2000

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

APPLICANT'S SIGNATURE [signature] DATE 8/29/2000

PLEASE PRINT NAME Frank Hamedi-Fard

Rev.6 -5-00

FOR OFFICE USE

PERMIT NUMBER W00-599
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources Well Completion Report
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings

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

F. WELL DESTRUCTION
See attached requirements for destruction of shallow wells. Send a map of work site. A different permit application is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED [signature] DATE 9-20-00

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED