R0179

File No. 2-00-706-ST

FIRST QUARTER OF 2004 GROUNDWATER MONITORING & SAMPLING AT THE PROPERTY LOCATED AT 20570 STANTON AVENUE CASTRO VALLEY, CALIFORNIA MARCH 16, 2004

PREPARED FOR:
MR. SEAN KAPOOR
KAPOOR ENTERPRISES
25064 VIKING STREET
HAYWARD, CALIFORNIA 94545

BY:
ENVIRO SOIL TECH CONSULTANTS
131 TULLY ROAD
SAN JOSE, CALIFORNIA 95111

ENVIRO SOIL TECH CONSULTANTS

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ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 Fax: (408) 292-2116

April 23, 2004

File No. 2-00-706-ST

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

SUBJECT: FIRST QUARTER OF 2004 GROUNDWATER MONITORING & SAMPLING AT THE PROPERTY
Located at 20570 Stanton Avenue, in
Castro Valley, California

Dear Mr. Kapoor:

This report presents the first quarter of 2004 groundwater monitoring and sampling results that were conducted by Enviro Soil Tech Consultants (ESTC), on March 16, 2004, at the subject site (Figure 1).

Three monitoring wells (STMW-1, STMW-2 and STMW-3) are located on-site. The locations of the wells are shown on Figure 2. This quarterly monitoring and sampling was conducted in accordance with ESTC's recommendations made in "Preliminary Soil and Groundwater Assessment at the Property...", dated October 13, 2000.

PURPOSE:

The purpose of this investigation was to determine the direction of groundwater flow and the extent of subsurface hydrocarbon contamination at the subject site.

The groundwater monitoring and sampling was conducted in accordance with ESTC's Standard Operation Procedure (SOP) and Alameda County Health Care Services Agency (ACHCSA) guidelines.

SITE DESCRIPTION:

The site is located at the 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.

BACKGROUND:

On February 24, 2000, two 10,000gallon 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 tanks excavations. In addition, at the request of Mr. Robert Weston of ACHCSA-EHS, soil sampling was also conducted on the stockpiled soil and between the two removed underground storage tank areas. All soil sampling activities were conducted under the supervision of Mr. Robert Weston of ACHCSA-EHS.

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

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

The soil samples between the two USTs area detected TPHg at 71 mg/Kg; BTEX at (0.22 mg/Kg; 0.47 mg/Kg; 0.49 mg/Kg and 3.7 mg/Kg, respectively) and MTBE 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).

EST was retained by Mr. Sean Kapoor to conduct further investigation as requested by 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 a practical extent. Approximately 150 cubic yards of contaminated soil was 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 was 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.

After ESTC's work plan (dated May 18, 2000) was approved by the Alameda County Health Cares Services Agency (ACHCSA), ESTC performed a preliminary soil and groundwater assessment of the subject property in September 2000.

The details of the preliminary soil and groundwater assessment are described in ESTC's report entitled "Preliminary Soil and Groundwater Assessment at the Property...", dated October 13, 2000. The report recommended quarterly monitoring and sampling of the on-site wells for at least one year.

Up-to-date, ESTC has conducted one quarterly groundwater monitoring and sampling of the on-site wells. The details of groundwater monitoring and sampling are described in ESTC's report entitled "Quarterly Groundwater Monitoring and Sampling at the Property...", dated January 19, 2001.

During concrete paving of the subject property parking lot done by Kapoor Enterprises' contract, two of the wells were damaged. ESTC halted the quarterly groundwater monitoring and sampling events until the wells were fixed.

SCOPE OF PRESENT WORK:

- Measured depth-to-water table in the three on-site wells STMW-1, STMW-2 and STMW-3 and monitored for presence of any floating product and/or odor.
- Purged each monitoring well prior to sampling.
- Sampled monitoring wells STMW-1, STMW-2 and STMW-3 for laboratory analyses.
- Submitted water samples to a State-Certified laboratory for analyses of Total Petroleum Hydrocarbons as gasoline (TPHg), BTEX, MTBE and other hydrocarbon fuel oxygenated constituents per EPA Method 8260B.
- Reviewed results and prepared a report of the investigation.

FIELD ACTIVITIES:

The three monitoring wells (STMW-1 through STMW-3) were monitored for the presence of floating product(s) and/or any distinctive odor. Groundwater samples were collected and submitted to a state-certified laboratory for analyses.

GROUNDWATER MONITORING:

On March 16, 2004, ESTC's staff monitored three on-site wells to measure water depth and check for the presence of sheen and/or odor.

The recent water measurement revealed that the wells screen are submerged at least 6 to 9 feet.

During monitoring of the wells, only a light sewerage odor was detected in groundwater samples from monitoring wells STMW-1 and STMW-2. No sheen or odor was noted in the groundwater sample from monitoring well STMW-3.

GROUNDWATER SAMPLING:

Water samples from the three monitoring wells (STMW-1, STMW-2 and STMW-3) were collected and analyzed for TPHg, BTEX, MTBE and other hydrocarbon fuel oxygenate constituents 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 that 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 water wash, followed by double rinsing. Groundwater samples were contained in 40-milliliter glass vials with Teflon-lined septa. After labeling, they 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 Standard Operation Procedures (Appendix "C") and SCVWD guidelines.

ANALYTICAL RESULTS:

The water samples from the monitoring wells were submitted to Entech Analytical Labs, in Santa Clara, California to be analyzed for TPHg, BTEX, MTBE and other hydrocarbon fuel oxygenated constituents (per EPA Method 8260B).

Groundwater samples from monitoring wells detected TPHg ranging from non-detectable (well STMW-3) to the maximum of 1100 microgram per liter (µg/L) (well STMW-2), Benzene ranging from non-detectable (wells STMW-2 and STMW-3) to maximum of 52 µg/L (STMW-1), Toluene ranging from non-detectable (STMW-2 and STMW-3) to maximum of 64 µg/L, Ethylbenzene ranging from non-detectable (STMW-2 and STMW-3) to maximum of 7.9 µg/L, Total Xylenes ranging from non-detectable (STMW-2 and STMW-3) to maximum of 38 µg/L and MTBE ranging from 2.8 µg/L (STMW-3) to maximum of 1700 µg/L (STMW-2). Only monitoring well STMW-1 detected other hydrocarbon fuel oxygenated constituents in the groundwater sample. A summary of groundwater monitoring data and analytical results are presented in Table 1 (Appendix "A"). The laboratory analytical report is included in Appendix "E".

GROUNDWATER FLOW DIRECTION:

In order to estimate groundwater gradient and flow direction, a level and depth survey was conducted. Depths to groundwater was measured relative to an arbitrarily established datum assumed to be 100 feet above sea level. Well casing and ground surface elevations are summarized in Table 1. The results of this investigation indicated easterly direction of groundwater flow as of March 16, 2004.

SUMMARY:

Only a light sewerage odor was noted in monitoring wells STMW-1 and STMW-2. No sheen or odor was noted in monitoring well STMW-3. Only monitoring well STMW-1 detected TPHg, BTEX, MTBE and other hydrocarbon fuel oxygenated constituents in the water sample. Monitoring well STMW-2 detected TPHg and MTBE in the water sample. Monitoring well STMW-3 only detected MTBE in the groundwater samples.

RECOMMENDATIONS:

Since two out of three monitoring wells continued to detect dissolved hydrocarbons, and all three monitoring wells detected hydrocarbon fuel oxygenates constituents in the groundwater, ESTC recommends continuation of quarterly groundwater monitoring and sampling of on-site monitoring wells. Furthermore, since the screen of all the wells are submerged, water samples may not be representative of the surrounding groundwater; therefore, we recommend further investigation and/or replacement of the existing wells.

It is the responsibility of the owner and/or his/her representative agent to make sure a copy of this report is sent to Alameda County Health Care Services Agency (ACHCSA).

LIMITATIONS:

This report and the associated work have been provided in accordance with the general principles and practices currently employed in the environmental consulting profession. The contents of this report reflect the conditions of the site at this particular time. The findings of this report are based on:

It is possible that variations in the soil and groundwater could exist beyond the points explored in this investigation. Also, changes in groundwater conditions of a property can occur with the passage of time due to variations in rainfall, temperature, regional water usage and other natural processes or the works of man on this property or adjacent properties.

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 Local Environmental Agency.

Services performed by ESTC have been in accordance with generally accepted environmental professional practices for the nature and conditions of the work completed in the same or similar localities, at the time the work was performed. This report is not meant to represent a legal opinion. No other warranty, express or implied is made.

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

File No. 2-00-706-ST

A P P E N D I X "A"

TABLES

TABLE 1
GROUNDWATER MONITORING DATA (feet)
AND ANALYTICAL RESULTS (µg/L)

Date	Well No./ Elevation	Depth of Well	Depth to Perf.	Depth to Water	GW Elev.	Well Observation	TPHg	B	T	E	X	MTBE
10/04/00	STMW-1 (97.93)	23	14	8.34*	89.59	No sheen Light petroleum odor	60000	ND <2500	ND <2500	ND <2500	ND <2500	69000
1/04/01				7.86*	90.07	No sheen Light sewerage odor	71000	ND <5000	ND <5000	ND <5000	ND <5000	89000
3/16/04				5.70*	92.23	No sheen Sewerage odor	260	52	64	7.9	38	39
10/04/00	STMW-2 (99.04)	22	13	8.22*	90.82	No sheen or odor	69	ND<5	ND<5	ND<5	ND<5	66
1/04/01				6.70*	92.34	No sheen or odor	110	ND<5	ND<5	ND<5	ND<5	120
3/16/04				6.08*	92.96	No sheen Sewerage odor	1100a	ND<10	ND<10	ND<10	ND<20	1700
10/04/00	STMW-3 (99.60)	22	13	8.42*	91.18	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<5
1/04/01				6.16*	93.44	No sheen or odor	ND<50	ND<5	ND<5	ND<5	ND<5	ND<5
3/16/04				7.18*	92.42	No sheen or odor	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	2.8

TPHg - Total Petroleum Hydrocarbons as gasoline
MTBE - Methyl Tertiary Butyl Ether
NMFP - Non-Measurable Floating Product
NA - Not Analyzed
* Well screens are submerged

BTEX - Benzene, Toluene, Ethylbenzene, Total Xylenes
GW Elev. - Groundwater Elevation
Perf. - Perforation
ND - Not Detected (Below Laboratory Reporting Limit)
a - No other indication of gasoline besides MTBE

TABLE 2
GROUNDWATER ANALYTICAL RESULTS FOR HYDROCARBON FUEL OXYGENATES (EPA 8260B) IN MILLIGRAM PER LITER (µg/L)

Date	Well No.	Hydrocarbon Fuel Oxygenates	Detection
10/04/00	STMW-1	Methyl tert-butyl Ether	69000
1/04/01		Methyl tert-butyl Ether	89000
3/16/04		1,2,4-Trimethylbenzene	5.2
		2-Butanone (MEK)	21
		Acetone	22
		Benzene	52
		Carbon Disulfide	0.75
		Ethylbenzene	7.9
		Methyl tert-butyl Ether	39
		Styrene	1.5
		Toluene	64
		Xylenes, Total	38
10/04/00	STMW-2	Methyl tert-butyl Ether	66
1/04/01		Methyl tert-butyl Ether	120
3/16/04		Methyl tert-butyl Ether	1700
10/04/00	STMW-3	None Detected	<5
1/04/01		None Detected	<5
3/16/04		Methyl tert-butyl Ether	2.8

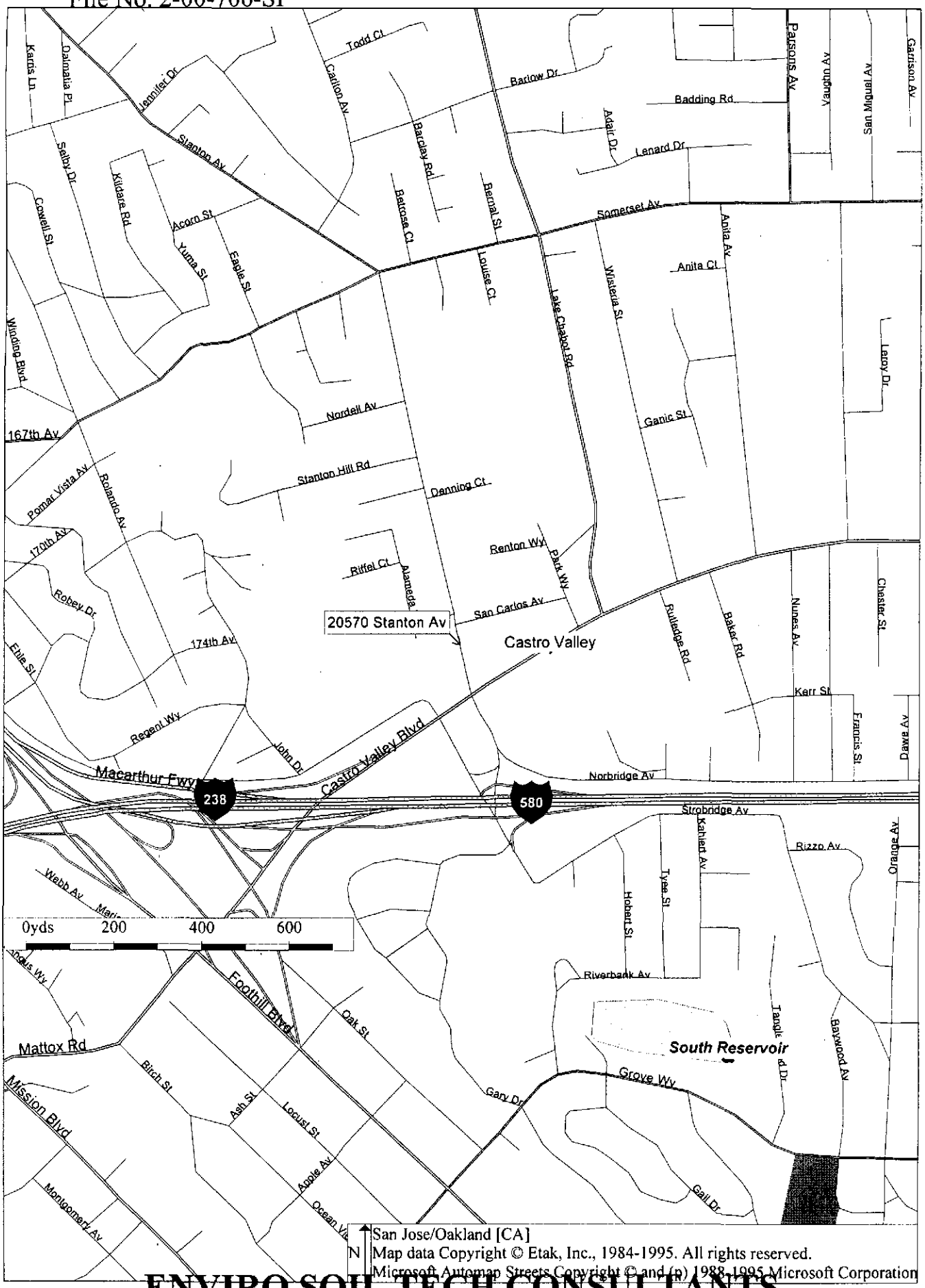
File No. 2-00-706-ST

A P P E N D I X "B"

FIGURES

ENVIRO SOIL TECH CONSULTANTS

File No. 2-00-706-SI



ENVIRO SOIL TECH CONSULTANTS

Figure 1

M1

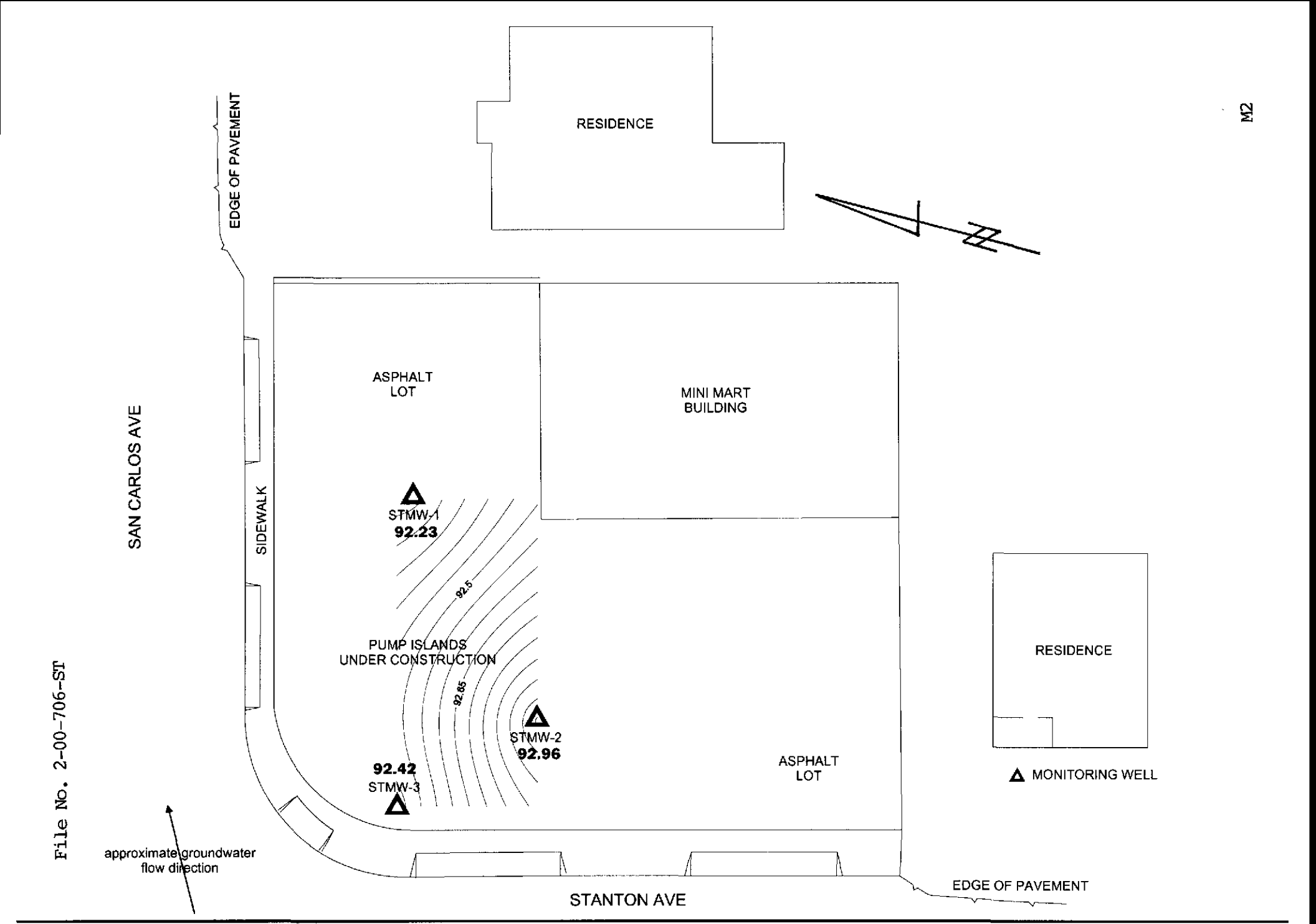


Figure 2: Groundwater elevation contour in feet. March 16, 2004.

ENVIRO SOIL TECH CONSULTANTS

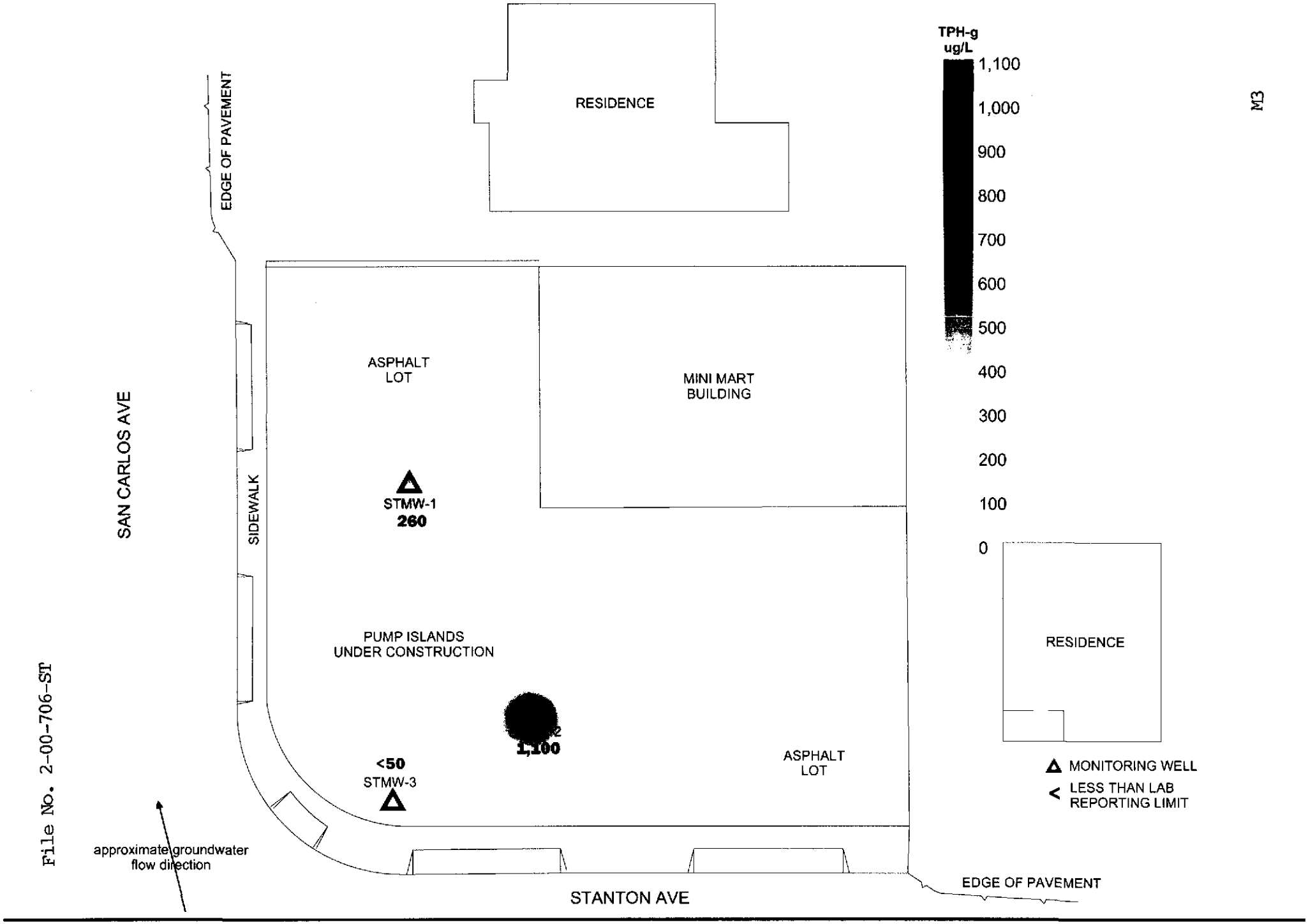


Figure 3: Contour map of TPH-g concentrations in the groundwater. March 16, 2004.

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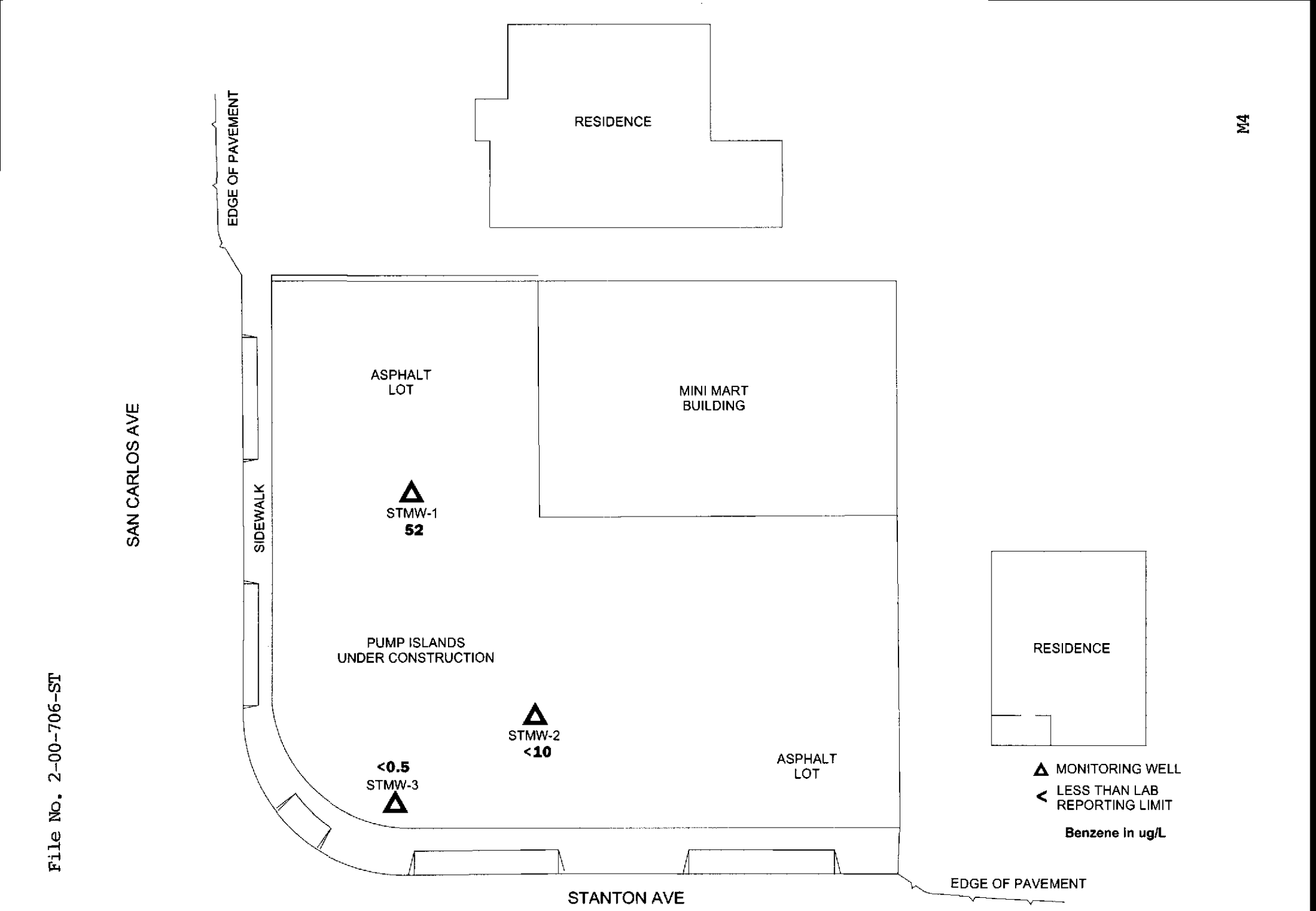

Figure 4: Map of Benzene concentrations in the groundwater. March 16, 2004.

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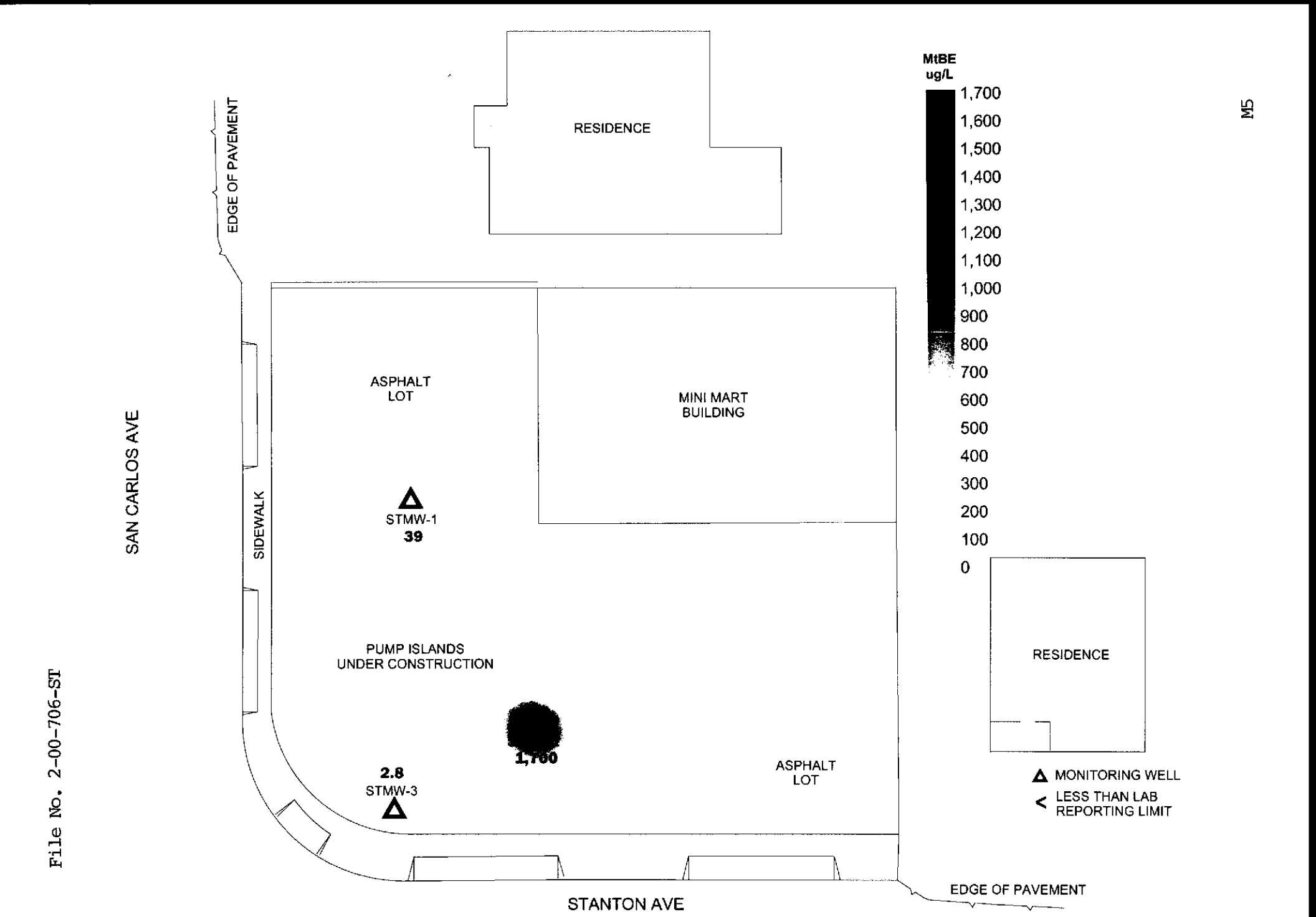

Figure 5: Contour map of MtBE concentrations in the groundwater. March 16, 2004.

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File No. 2-00-706-ST

A P P E N D I X "C"

HYDROGRAPHS

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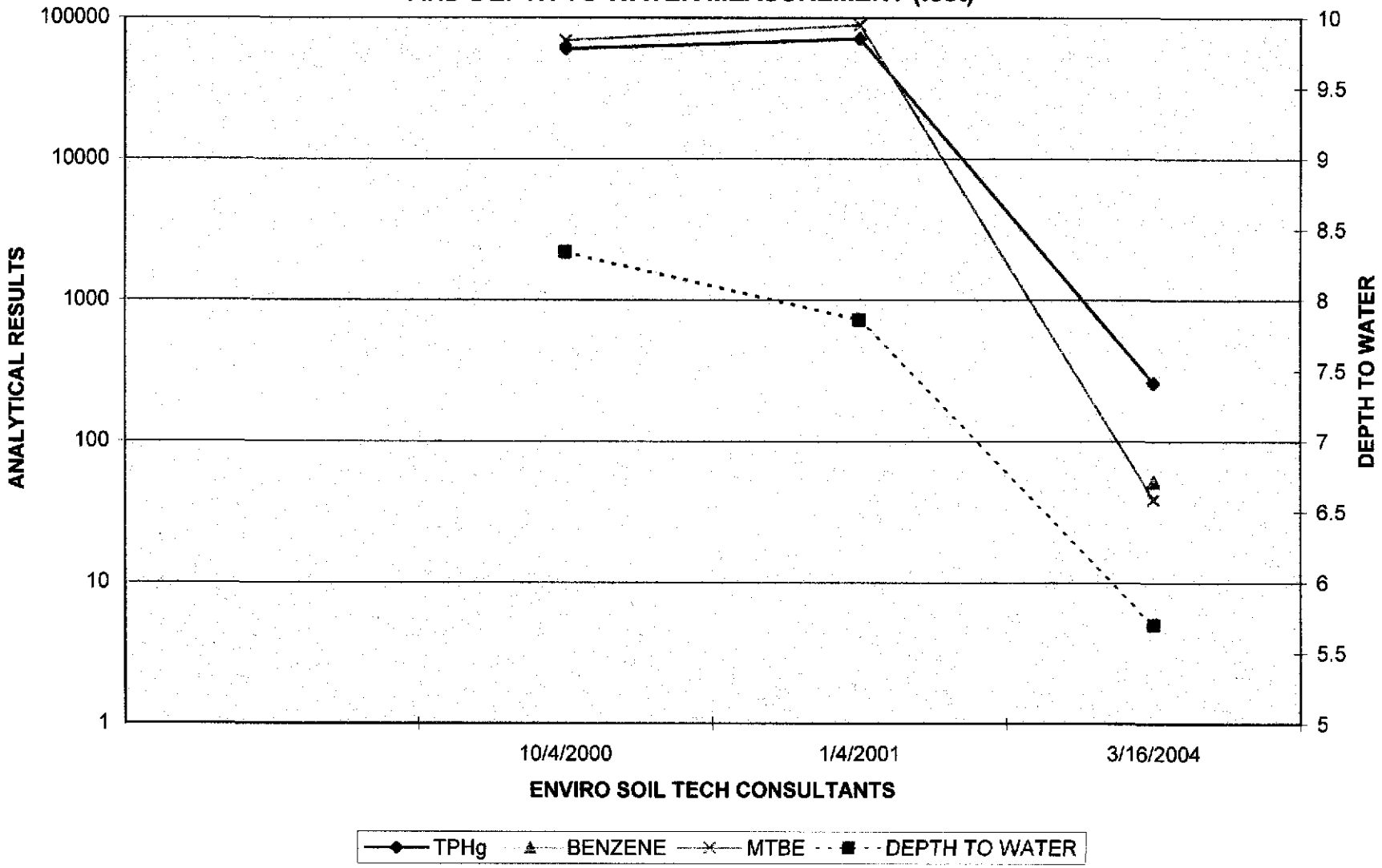
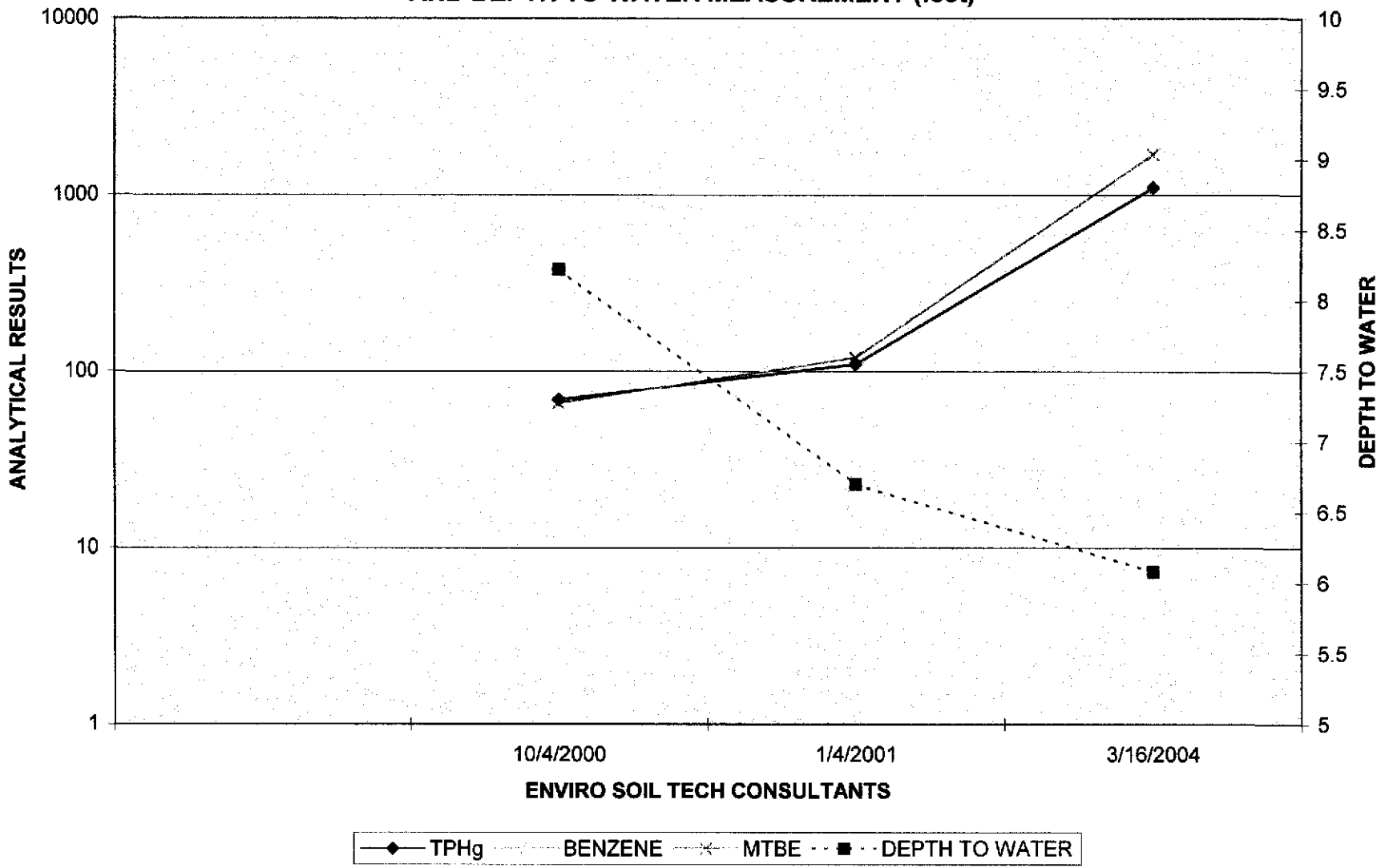
File No.: 2-00-706-ST

TPHg, BENZENE & MTBE RESULTS FOR STMW-1 (µg/L)
AND DEPTH TO WATER MEASUREMENT (feet)



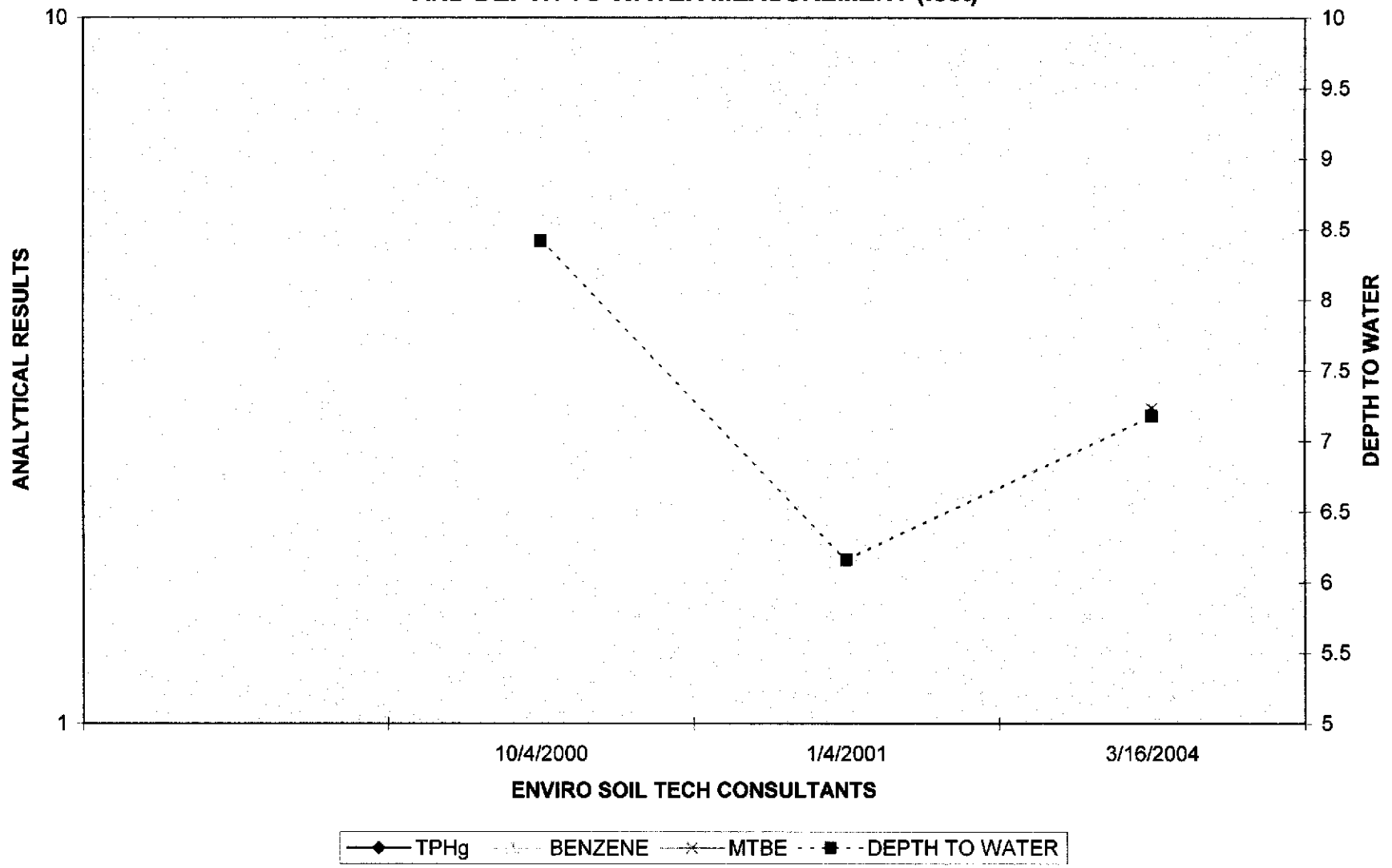
File No.: 2-00-706-ST

TPHg, BENZENE & MTBE RESULTS FOR STMW-2 (µg/L)
AND DEPTH TO WATER MEASUREMENT (feet)



File No.: 2-00-706-ST

TPHg, BENZENE & MTBE RESULTS FOR STMW-3 (µg/L)
AND DEPTH TO WATER MEASUREMENT (feet)



File No. 2-00-706-ST

A P P E N D I X "D"

STANDARD OPERATION PROCEDURE

ENVIRO SOIL TECH CONSULTANTS

File No. 2-00-706-ST

GROUNDWATER SAMPLING

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

Prior to purging, the well "Water Sampling Field Survey Forms" were 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 vials and securely tightened. The VOA vials were 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 "E"

LABORATORY REPORT

ENVIRO SOIL TECH CONSULTANTS

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

March 29, 2004

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

Order:	38297	**Date Collected:**	3/16/2004
Project Name:	20570 Stanton Avenue	**Date Received:**	3/17/2004
Project Number:	2-00-706-SI	**P.O. Number:**	2-00-706-SI
Project Notes:			

On March 17, 2004, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method	Comments
Liquid	EPA 8260B	EPA 8260B	
	TPH as Gasoline - GC/MS	GC-MS	

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 408-588-0200.

Sincerely,

Patti Sandrock
QA/QC Manager

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

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

Date: 3/26/04
Date Received: 3/17/04
Project Name: 20570 Stanton Avenue
Project Number: 2-00-706-SI
P.O. Number: 2-00-706-SI
Sampled By: Client

Certified Analytical Report

Order ID: 38297 **Lab Sample ID:** 38297-001 **Client Sample ID:** STMW-1

Sample Time: 9:00 AM **Sample Date:** 3/16/04 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
TPH as Gasoline	260		1	50	50	µg/L	3/26/04	WMS110596	GC-MS

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	113.0	64 - 125
Dibromofluoromethane	102.0	23 - 172
Toluene-d8	104.0	70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346) Analyzed by: _____ Reviewed by: _____

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

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

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

Date: 3/26/04
Date Received: 3/17/04
Project Name: 20570 Stanton Avenue
Project Number: 2-00-706-SI
P.O. Number: 2-00-706-SI
Sampled By: Client

Certified Analytical Report

Order ID: 38297 **Lab Sample ID:** 38297-002 **Client Sample ID:** STMW-2

Sample Time: 10:01 AM **Sample Date:** 3/16/04 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
TPH as Gasoline	1100		20	50	1000	µg/L	3/26/04	WMS110596	GC-MS

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	115.0	64 - 125
Dibromofluoromethane	112.0	23 - 172
Toluene-d8	107.0	70 - 134

Comment: No other indication of Gasoline besides MTBE.

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346) Analyzed by: _____ Reviewed by: _____

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

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

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

Date: 3/26/04
Date Received: 3/17/04
Project Name: 20570 Stanton Avenue
Project Number: 2-00-706-SI
P.O. Number: 2-00-706-SI
Sampled By: Client

Certified Analytical Report

Order ID: 38297 **Lab Sample ID:** 38297-003 **Client Sample ID:** STMW-3

Sample Time: 11:05 AM **Sample Date:** 3/16/04 ***Matrix:*** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	3/26/04	WMS110596	GC-MS

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	112.0	64 - 125
Dibromofluoromethane	111.0	23 - 172
Toluene-d8	107.0	70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346) Analyzed by: _____ Reviewed by: _____

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

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

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

Date: 3/26/04
Date Received: 3/17/04
Project Name: 20570 Stanton Avenue
Project Number: 2-00-706-SI
P.O. Number: 2-00-706-SI
Sampled By: Client

Certified Analytical Report

Order ID: 38297 **Lab Sample ID:** 38297-001 **Client Sample ID:** STMW-1

Sample Time: 9:00 AM **Sample Date:** 3/16/04 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1,1-Trichloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1,2-Trichloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1-Dichloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1-Dichloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1-Dichloropropene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,3-Trichloropropane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,4-Trimethylbenzene	5.2		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dichloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,3-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,3-Dichloropropane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,4-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,4-Dioxane	ND		1	50	50	µg/L	3/26/04	WMS110596	EPA 8260B
2,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
2-Butanone (MEK)	21		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Acetone	22		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Acetonitrile	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Acrolein	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Benzene	52		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromochloromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromodichloromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromoform	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromomethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Carbon Disulfide	0.75		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Carbon Tetrachloride	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Chlorobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Chloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Chloroform	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Chloromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
cis-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B

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

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

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

Date: 3/26/04
Date Received: 3/17/04
Project Name: 20570 Stanton Avenue
Project Number: 2-00-706-SI
P.O. Number: 2-00-706-SI
Sampled By: Client

Certified Analytical Report

Order ID: 38297 **Lab Sample ID:** 38297-001 **Client Sample ID:** STMW-1

Sample Time: 9:00 AM **Sample Date:** 3/16/04 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Cyclohexanone	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Dibromochloromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Dibromomethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Dichlorodifluoromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Ethyl Benzene	7.9		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Freon 113	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Iodomethane	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Isopropanol	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Isopropylbenzene	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Methyl-t-butyl Ether	39		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Methylene Chloride	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Styrene	1.5		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Butanol (TBA)	ND		1	10	10	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Tetrachloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Tetrahydrofuran	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Toluene	64		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
trans-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
trans-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Trichloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Trichlorofluoromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Vinyl Chloride	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Xylenes, Total	38		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	101.0	64 - 125
Dibromofluoromethane	95.6	23 - 172
Toluene-d8	99.1	70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346) Analyzed by: _____ Reviewed by: _____

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

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

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

Date: 3/26/04
Date Received: 3/17/04
Project Name: 20570 Stanton Avenue
Project Number: 2-00-706-SI
P.O. Number: 2-00-706-SI
Sampled By: Client

Certified Analytical Report

Order ID: 38297 **Lab Sample ID:** 38297-002 **Client Sample ID:** STMW-2

Sample Time: 10:01 AM **Sample Date:** 3/16/04 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,1,1-Trichloroethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,1,2-Trichloroethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,1-Dichloroethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,1-Dichloroethene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,1-Dichloropropene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,3-Trichlorobenzene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,3-Trichloropropane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,4-Trichlorobenzene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,4-Trimethylbenzene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dibromoethane (EDB)	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dichlorobenzene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dichloroethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dichloropropane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,3,5-Trimethylbenzene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
1,3-Dichlorobenzene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,3-Dichloropropane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,4-Dichlorobenzene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
1,4-Dioxane	ND		20	50	1000	µg/L	3/26/04	WMS110596	EPA 8260B
2,2-Dichloropropane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
2-Butanone (MEK)	ND		20	20	400	µg/L	3/26/04	WMS110596	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
2-Chlorotoluene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
2-Hexanone	ND		20	20	400	µg/L	3/26/04	WMS110596	EPA 8260B
4-Chlorotoluene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		20	20	400	µg/L	3/26/04	WMS110596	EPA 8260B
Acetone	ND		20	20	400	µg/L	3/26/04	WMS110596	EPA 8260B
Acetonitrile	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
Acrolein	ND		20	1	20	µg/L	3/26/04	WMS110596	EPA 8260B
Acrylonitrile	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
Benzene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Bromobenzene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Bromochloromethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Bromodichloromethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Bromoform	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Bromomethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Carbon Disulfide	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Carbon Tetrachloride	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Chlorobenzene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Chloroethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Chloroform	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Chloromethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
cis-1,2-Dichloroethene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B

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Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

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

Date: 3/26/04
Date Received: 3/17/04
Project Name: 20570 Stanton Avenue
Project Number: 2-00-706-SI
P.O. Number: 2-00-706-SI
Sampled By: Client

Certified Analytical Report

Order ID: 38297 **Lab Sample ID:** 38297-002 **Client Sample ID:** STMW-2

Sample Time: 10:01 AM **Sample Date:** 3/16/04 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Cyclohexanone	ND		20	20	400	µg/L	3/26/04	WMS110596	EPA 8260B
Dibromochloromethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Dibromomethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Dichlorodifluoromethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Diisopropyl Ether	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
Ethyl Benzene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Freon 113	ND		20	1	20	µg/L	3/26/04	WMS110596	EPA 8260B
Hexachlorobutadiene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
Iodomethane	ND		20	1	20	µg/L	3/26/04	WMS110596	EPA 8260B
Isopropanol	ND		20	20	400	µg/L	3/26/04	WMS110596	EPA 8260B
Isopropylbenzene	ND		20	1	20	µg/L	3/26/04	WMS110596	EPA 8260B
Methyl-t-butyl Ether	1700		20	1	20	µg/L	3/26/04	WMS110596	EPA 8260B
Methylene Chloride	ND		20	20	400	µg/L	3/26/04	WMS110596	EPA 8260B
n-Butylbenzene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
n-Propylbenzene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
Naphthalene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
p-Isopropyltoluene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
Pentachloroethane	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
sec-Butylbenzene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
Styrene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Amyl Methyl Ether	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Butanol (TBA)	ND		20	10	200	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Butyl Ethyl Ether	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Butylbenzene	ND		20	5	100	µg/L	3/26/04	WMS110596	EPA 8260B
Tetrachloroethene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Tetrahydrofuran	ND		20	20	400	µg/L	3/26/04	WMS110596	EPA 8260B
Toluene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
trans-1,2-Dichloroethene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
trans-1,3-Dichloropropene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		20	1	20	µg/L	3/26/04	WMS110596	EPA 8260B
Trichloroethene	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Trichlorofluoromethane	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Vinyl Chloride	ND		20	0.5	10	µg/L	3/26/04	WMS110596	EPA 8260B
Xylenes, Total	ND		20	1	20	µg/L	3/26/04	WMS110596	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	103.0	64 - 125
Dibromofluoromethane	105.0	23 - 172
Toluene-d8	102.0	70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346) Analyzed by: _____ Reviewed by: _____

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

Entech Analytical Labs, Inc.

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

Date: 3/26/04
Date Received: 3/17/04
Project Name: 20570 Stanton Avenue
Project Number: 2-00-706-SI
P.O. Number: 2-00-706-SI
Sampled By: Client

Certified Analytical Report

Order ID: 38297 **Lab Sample ID:** 38297-003 **Client Sample ID:** STMW-3

Sample Time: 11:05 AM **Sample Date:** 3/16/04 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1,1-Trichloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1,2-Trichloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1-Dichloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1-Dichloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,1-Dichloropropene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,3-Trichloropropane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dichloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
1,3-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,3-Dichloropropane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,4-Dichlorobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
1,4-Dioxane	ND		1	50	50	µg/L	3/26/04	WMS110596	EPA 8260B
2,2-Dichloropropane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
2-Hexanone	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Acetone	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Acetonitrile	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Acrolein	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Benzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromochloromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromodichloromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromoform	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Bromomethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Carbon Disulfide	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Carbon Tetrachloride	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Chlorobenzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Chloroethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Chloroform	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Chloromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
cis-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B

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

Entech Analytical Labs, Inc.

3334 Victor Court , Santa Clara, CA 95054 Phone: (408) 588-0200 Fax: (408) 588-0201

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

Date: 3/26/04
Date Received: 3/17/04
Project Name: 20570 Stanton Avenue
Project Number: 2-00-706-SI
P.O. Number: 2-00-706-SI
Sampled By: Client

Certified Analytical Report

Order ID: 38297 **Lab Sample ID:** 38297-003 **Client Sample ID:** STMW-3

Sample Time: 11:05 AM **Sample Date:** 3/16/04 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
cis-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Cyclohexanone	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Dibromochloromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Dibromomethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Dichlorodifluoromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Ethyl Benzene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Freon 113	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Iodomethane	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Isopropanol	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Isopropylbenzene	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Methyl-t-butyl Ether	2.8		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Methylene Chloride	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Naphthalene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Styrene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Butanol (TBA)	ND		1	10	10	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/L	3/26/04	WMS110596	EPA 8260B
Tetrachloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Tetrahydrofuran	ND		1	20	20	µg/L	3/26/04	WMS110596	EPA 8260B
Toluene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
trans-1,2-Dichloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
trans-1,3-Dichloropropene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B
Trichloroethene	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Trichlorofluoromethane	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Vinyl Chloride	ND		1	0.5	0.5	µg/L	3/26/04	WMS110596	EPA 8260B
Xylenes, Total	ND		1	1	1	µg/L	3/26/04	WMS110596	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	100.0	64 - 125
Dibromofluoromethane	104.0	23 - 172
Toluene-d8	102.0	70 - 134

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346) Analyzed by: _____ Reviewed by: _____

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

Entech Analytical Labs, Inc.

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Quality Control - Method Blank

Prep Batch ID:
Prep Date:

QC Batch ID: WMS110596
Matrix: Liquid

Method: EPA 8260B

Analysis Date: 3/25/2004

Parameter	Result	DF	PQL	DLR	Units
1,1,1,2-Tetrachloroethane	ND	1	0.5	0.5	µg/L
1,1,1-Trichloroethane	ND	1	0.5	0.5	µg/L
1,1,2,2-Tetrachloroethane	ND	1	0.5	0.5	µg/L
1,1,2-Trichloroethane	ND	1	0.5	0.5	µg/L
1,1-Dichloroethane	ND	1	0.5	0.5	µg/L
1,1-Dichloroethene	ND	1	0.5	0.5	µg/L
1,1-Dichloropropene	ND	1	0.5	0.5	µg/L
1,2,3-Trichlorobenzene	ND	1	5	5	µg/L
1,2,3-Trichloropropane	ND	1	0.5	0.5	µg/L
1,2,4-Trichlorobenzene	ND	1	5	5	µg/L
1,2,4-Trimethylbenzene	ND	1	5	5	µg/L
1,2-Dibromo-3-Chloropropane	ND	1	5	5	µg/L
1,2-Dibromoethane (EDB)	ND	1	0.5	0.5	µg/L
1,2-Dichlorobenzene	ND	1	0.5	0.5	µg/L
1,2-Dichloroethane	ND	1	0.5	0.5	µg/L
1,2-Dichloropropane	ND	1	0.5	0.5	µg/L
1,3,5-Trimethylbenzene	ND	1	5	5	µg/L
1,3-Dichlorobenzene	ND	1	0.5	0.5	µg/L
1,3-Dichloropropane	ND	1	0.5	0.5	µg/L
1,4-Dichlorobenzene	ND	1	0.5	0.5	µg/L
1,4-Dioxane	ND	1	50	50	µg/L
2,2-Dichloropropane	ND	1	0.5	0.5	µg/L
2-Butanone (MEK)	ND	1	20	20	µg/L
2-Chloroethyl-vinyl Ether	ND	1	5	5	µg/L
2-Chlorotoluene	ND	1	5	5	µg/L
2-Hexanone	ND	1	20	20	µg/L
4-Chlorotoluene	ND	1	5	5	µg/L
4-Methyl-2-Pentanone(MIBK)	ND	1	20	20	µg/L
Acetone	ND	1	20	20	µg/L
Acetonitrile	ND	1	5	5	µg/L
Acrolein	ND	1	1	1	µg/L
Acrylonitrile	ND	1	5	5	µg/L
Benzene	ND	1	0.5	0.5	µg/L
Benzyl Chloride	ND	1	5	5	µg/L
Bromobenzene	ND	1	0.5	0.5	µg/L
Bromochloromethane	ND	1	0.5	0.5	µg/L
Bromodichloromethane	ND	1	0.5	0.5	µg/L
Bromoform	ND	1	0.5	0.5	µg/L
Bromomethane	ND	1	0.5	0.5	µg/L
Carbon Disulfide	ND	1	0.5	0.5	µg/L
Carbon Tetrachloride	ND	1	0.5	0.5	µg/L
Chlorobenzene	ND	1	0.5	0.5	µg/L
Chloroethane	ND	1	0.5	0.5	µg/L
Chloroform	ND	1	0.5	0.5	µg/L
Chloromethane	ND	1	0.5	0.5	µg/L
cis-1,2-Dichloroethene	ND	1	0.5	0.5	µg/L

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Quality Control - Method Blank

Prep Batch ID: **QC Batch ID:** WMS110596

Prep Date: **Matrix:** Liquid

cis-1,3-Dichloropropene	ND	1	0.5	0.5	µg/L
Cyclohexanone	ND	1	20	20	µg/L
Dibromochloromethane	ND	1	0.5	0.5	µg/L
Dibromomethane	ND	1	0.5	0.5	µg/L
Dichlorodifluoromethane	ND	1	0.5	0.5	µg/L
Diisopropyl Ether	ND	1	5	5	µg/L
Ethyl Benzene	ND	1	0.5	0.5	µg/L
Freon 113	ND	1	1	1	µg/L
Hexachlorobutadiene	ND	1	5	5	µg/L
Iodomethane	ND	1	1	1	µg/L
Isopropanol	ND	1	20	20	µg/L
Isopropylbenzene	ND	1	1	1	µg/L
Methyl-t-butyl Ether	ND	1	1	1	µg/L
Methylene Chloride	ND	1	20	20	µg/L
n-Butylbenzene	ND	1	5	5	µg/L
n-Propylbenzene	ND	1	5	5	µg/L
Naphthalene	ND	1	5	5	µg/L
p-Isopropyltoluene	ND	1	5	5	µg/L
Pentachloroethane	ND	1	5	5	µg/L
sec-Butylbenzene	ND	1	5	5	µg/L
Styrene	ND	1	0.5	0.5	µg/L
tert-Amyl Methyl Ether	ND	1	5	5	µg/L
tert-Butanol (TBA)	ND	1	10	10	µg/L
tert-Butyl Ethyl Ether	ND	1	5	5	µg/L
tert-Butylbenzene	ND	1	5	5	µg/L
Tetrachloroethene	ND	1	0.5	0.5	µg/L
Tetrahydrofuran	ND	1	20	20	µg/L
Toluene	ND	1	0.5	0.5	µg/L
trans-1,2-Dichloroethene	ND	1	0.5	0.5	µg/L
trans-1,3-Dichloropropene	ND	1	0.5	0.5	µg/L
trans-1,4-Dichloro-2-butene	ND	1	1	1	µg/L
Trichloroethene	ND	1	0.5	0.5	µg/L
Trichlorofluoromethane	ND	1	0.5	0.5	µg/L
Vinyl Chloride	ND	1	0.5	0.5	µg/L
Xylene, m+p	ND	1	1	1	µg/L
Xylene, o	ND	1	0.5	0.5	µg/L
Xylenes, Total	ND	1	1	1	µg/L

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

QC Reviewed by: _____

Surrogate	Surrogate Recovery	Control Limits (%
4-Bromofluorobenzene	108.0	64 - 125
Dibromofluoromethane	97.2	23 - 172
Toluene-d8	98.4	70 - 134

Entech Analytical Labs, Inc.

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Quality Control - Laboratory Control Spike / Duplicate Results

Prep Batch ID: **Conc. Units:** µg/L **QC Batch ID:** WMS110596

Prep Date: **Analysis Date:** 3/25/2004 **Matrix:** Liquid

Method EPA 8260B

Parameter	Blank Result	Spike Amount	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
LCS								
1,1-Dichloroethene	ND	20.	15.6	LCS	**78.0**			60 - 132
Benzene	ND	20.	19.6	LCS	**98.0**			77 - 154
Chlorobenzene	ND	20.	18.3	LCS	**91.5**			66 - 141
Methyl-t-butyl Ether	ND	20.	18.2	LCS	**91.0**			58 - 127
Toluene	ND	20.	17.7	LCS	**88.5**			47 - 137
Trichloroethene	ND	20.	17.9	LCS	**89.5**			57 - 159

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	104.0	64 - 125
Dibromofluoromethane	93.7	23 - 172
Toluene-d8	96.1	70 - 134

LCSD								
1,1-Dichloroethene	ND	20.	15.9	LCSD	**79.5**	**1.9**	25	60 - 132
Benzene	ND	20.	20.5	LCSD	**102.5**	**4.5**	25	77 - 154
Chlorobenzene	ND	20.	19.	LCSD	**95.0**	**3.8**	25	66 - 141
Methyl-t-butyl Ether	ND	20.	20.3	LCSD	**101.5**	**10.9**	25	58 - 127
Toluene	ND	20.	18.5	LCSD	**92.5**	**4.4**	25	47 - 137
Trichloroethene	ND	20.	18.4	LCSD	**92.0**	**2.8**	25	57 - 159

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102.0	64 - 125
Dibromofluoromethane	94.2	23 - 172
Toluene-d8	95.0	70 - 134

Method GC-MS

Parameter	Blank Result	Spike Amount	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
LCS								
TPH as Gasoline	ND	125.	113.	LCS	**90.4**			65 - 135

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	115.0	64 - 125
Dibromofluoromethane	102.0	23 - 172
Toluene-d8	102.0	70 - 134

LCSD								
TPH as Gasoline	ND	250.	129.3	LCSD	**103.4**	**13.5**	25	65 - 135

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	115.0	64 - 125
Dibromofluoromethane	99.9	23 - 172
Toluene-d8	106.0	70 - 134

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

QC Reviewed by: 

CHAIN OF CUSTODY RECORD

PROJ. NO. 300-7065I

NAME 20570 Stanton Ave., Castro Valley

SAMPLERS: (Signature) Richard Munday

NO.	DATE	TIME	SOIL	WATER	LOCATION	CONTAINER	ANALYSES REQUESTED (2) TPH-g EPA 8260B	REMARKS
1	3/16/04	9:00		✓	STMW-1	6	✓ ✓	38297-001
2	↓	10:01		✓	STMW-2	6	✓ ✓	002
3	↓	11:05		✓	STMW-3	6	✓ ✓	003

TPHgas by GC/MS per Jennie Strachan 3/17/04

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Richard Munday	3/17/04 3:40 PM	Jennie Strachan			
Jennie Strachan	3/17/04 1615	Jennie Strachan			
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	
				Please send lab 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"

FIELD NOTES

ENVIRO SOIL TECH CONSULTANTS

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
WELL NO.: STMW-1
DATE: 3/16/04
SAMPLER: Michael Moody
DEPTH TO WELL: _____
1 WELL VOLUME: 2.82
DEPTH TO WATER: 5 ft .70
5 WELL VOLUME: 14.1
HEIGHT OF WATER COLUMN: _____
ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" x 0.1632 17.3

4" x 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: _____ NO ✓ YES, DESCRIBE: SEWAGE

FIELD MEASUREMENTS

TIME	VOLUME	Ph	TEMP.	E.C.
	3 gal	5.99	22.1	302
	6 gal	5.54	21.3	296
	9 gal	5.34	20.7	285

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 WELL NO.: STMW-2

DATE: 3/16/04 SAMPLER: Rachael Miranda

DEPTH TO WELL: _____ 1 WELL VOLUME: 2.6

DEPTH TO WATER: 6ft .08 5 WELL VOLUME: 13

HEIGHT OF WATER COLUMN: _____ ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" x 0.1632 15.92

4" x 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: _____ NO ✓ YES, DESCRIBE: SEWAGE

FIELD MEASUREMENTS

TIME	VOLUME	Ph	TEMP.	E.C.
	3 GAL	6.51	21.3	777
	6 GAL	6.79	19.8	835
	9 GAL	6.85	19.6	959

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

WELL NO.: STMW3

DATE: 3/16/04

SAMPLER: Richard Munly

DEPTH TO WELL: _____

1 WELL VOLUME: 2.41

DEPTH TO WATER: 7 ft .18

5 WELL VOLUME: 12.05

HEIGHT OF WATER COLUMN: _____

ACTUAL PURGED VOLUME: 9

CASING DIAMETER: ✓ 2" _____ 4"

CALCULATIONS:

2" x 0.1632 14.82

4" x 0.653 _____

PURGE METHOD: _____ BAILER ✓ DISPLACEMENT PUMP _____ OTHER

SAMPLE METHOD: ✓ BAILER _____ OTHER

SHEEN: ✓ NO _____ YES, DESCRIBE: _____

ODOR: ✓ NO _____ YES, DESCRIBE: _____

FIELD MEASUREMENTS

TIME	VOLUME	Ph	TEMP.	E.C.
	3 gal	7.37	18.6	2220
	6 gal	7.50	18.7	2230
	9 gal	7.60	19.0	2215