Gen-Tech Environmental

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San Jose, CA 95124
Contractor's Lic. #615869

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July 5, 1994

Alameda County Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Attn: Mr. Scott Seery

Subject: Report on Preliminary Sampling and Request for Modification to Remediation Workplan for: 2896 Castro Valley Blvd., Castro Valley, CA

Dear Mr. Seery,

The this letter reports on the initial excavation, soil, and groundwater sampling at the subject site performed in accordance with GTE's September 29, 1993 *Work Plan for Initial Soil and Groundwater Remediation*. Included is additional soil and groundwater sampling performed in accordance with GTE's May 23, 1994 *Request for Modification to Remediation Workplan*. The additional sampling was conducted as a preliminary step in determining the sampling and laboratory testing requirements for the remainder of the project.

All sampling was performed in accordance with the soil and groundwater sampling protocols presented in GTE's September 29, 1993 *Work Plan for Initial Soil and Groundwater Remediation* - which is now being considered as the site "Corrective Action Plan".

Scope of Work Performed

Soil Excavation:

Between October 23 and 25th 1993, GTE excavated soil at the subject site in the areas shown on **Figure 9375-A** attached hereto. The area covered by the excavation was estimated based on soil and groundwater sampling that had previously been performed by Aqua Science and Sampling Specialists Company. The excavation was extended from the building towards Castro Valley Blvd. approximately 50 ft. to the southeast, about 20ft. to 25 ft. in width, and to a depth of approximately 14.5 ft. below grade surface. GTE Field Test Kits for Volatile Organic Compounds (a colormetric

soil and water test equivalent to the Nu-Hanby Test Kits) were used to test soil during the excavation in order to assist in determining the extent and direction of the excavation, and to separate the overburden clean soil from the affected soil. The depth of the excavation was extended to approximately 2 ft. below the current static level of groundwater.

During the excavation, the clean soil was separated from the contaminated soil and each stockpiled on site. Soil from the area of the previous waste oil tank area which appeared to contain contamination was also separated from the gasoline/diesel contaminated soil.

The excavation was surrounded with temporary security fencing.

Initial Extremity Soil Sampling:

On October 25 1993, six soil samples were collected from the extremities of the excavation in locations depicted on **Figure 9375-A** attached hereto. Each of the samples was taken at the depth of the soil/groundwater interface zone (about 12 ft. BGS). These samples were labeled [redacted] properly logged on a legal Chain of Custody, and transported to Geochem Environmental Laboratories - a state certified lab. - for analytical testing. Each of the six samples were tested for TPHg and BTEX by EPA Methods 8015 & 8020. [redacted] and [redacted] were also tested for Total Oil and Grease under EPA Method 5520. Samples #5, and #6 had been taken from the immediate areas near the previous waste oil storage tank. The laboratory analytical test results and legal Chain of Custody can be found in **Appendix 1**.

Secondary Extremity Soil Sampling:

In his response to GTE's September 29, 1993 *Work Plan for Initial Soil and Groundwater Remediation*, Mr. Scott Seery of the Alameda County Department of Environmental Health (ACDEH) had required that additional laboratory testing be performed to further identify the presence of previously discovered chemical constituents in the soil and groundwater on site. GTE had not perform laboratory testing for these additional constituents during the first sampling event. GTE submitted a *Request for Modification to Remediation Workplan* on May 23 1994 to include the additional requirements - with some modifications approved in a phone conversation with Mr. Seery. The additional testing required that GTE obtain additional extremity soil samples, sample the waste oil soil stock pile, and take a grab sample of the groundwater within the existing pit. In part, the additional sampling was conducted as a preliminary step in determining the sampling and laboratory testing requirements for the remainder of the project.

yes

1) The extremity sidewall of the excavation were re-sampled at the depth of the soil water interface, at 20 ft. intervals. T[redacted] attached Chain of Custody a[redacted]. Each of these samples was analytically tested at AMER labs, a State Certified laboratory for the additional constituents requested, including TPHd, TPHg, SVOC (EPA 8100), TOG, and the metals; Cr, Ni, Pb, Cd, Zn, and Se. The constituents which had already been run in the previous side wall sampling event (ie; gasoline and BTEX) were not analyzed in this batch of soil samples. The laboratory analytical test results and legal Chain of Custody can be found in **Appendix 1**.

2) A groundwater grab sample was collected from the existing pool of water within the excavation. This sample is labeled as EXC-GWS#1 on the attached Chain of Custody. The sample was analyzed at AMER labs - a State Certified lab for TPHg, TPHd, BTEX, TOG, and SVOC's (EPA Method 8100). Additional testing was performed for the metals; Cr, Ni, Pb, Cd, Zn, and Se. The laboratory analytical test results and legal Chain of Custody can be found in **Appendix 1**.

3) One soil sample was collected from the waste oil contaminated soil stockpile, and test at AMER labs - a State Certified lab for TPHg, TPHd, BTEX, TOG, and SVOC's (EPA Method 8100). Additional testing was performed for the metals; Cr, Ni, Pb, Cd, Zn, and Se. The laboratory analytical test results and legal Chain of Custody can be found in **Appendix 1**.

Analytical Results Tables

The following tables display the samples, and related chemical test results.

October 25, 1993 Sampling Event

	S/W#1	S/W#2	S/W#3	S/W#4	[redacted]	[redacted]
TPHg	*64.11 PPM*	*29.49 PPM*	*1.28 PPM*	*4.35 PPM*	*1.25 PPM*	*5.09 PPM*
Benzene	*1.103 PPM*	*.0559 PPM*	*ND*	*ND*	*ND*	*.3064 PPM*
Toluene	*4.135 PPM*	*.5480 PPM*	*.0716 PPM*	*.1889 PPM*	*.2073 PPM*	*1.009 PPM*
E-Benzene	*4.866 PPM*	*1.187 PPM*	*.0124 PPM*	*.0133 PPM*	*.0274 PPM*	*.0150 PPM*
Xylenes	*25.05 PPM*	*6.636 PPM*	*,1213 PPM*	*.1018 PPM*	*.1653 PPM*	*.6112 PPM*
TOG	*NR*	*NR*	*NR*	*NR*	[redacted]	[redacted]

May 26, 1994 Sampling Event

	EXT - S/W # 1 (A)	EXT - S/W # 2 (A)	EXT - S/W # 3 (A)	EXT - S/W # 4 (A)	W/O - S/P #1	EXC-GWS #1
TPHg	*NR*	*NR*	*NR*	*NR*	*ND*	*ND*
BTEX (ALL)	*NR*	*NR*	*NR*	*NR*	*ND*	*ND*
TPHd	*93 PPM*	*12 PPM*	*16 PPM*	*55 PPM*	*24 PPM*	*92 PPB*
TOG	*NR*	*NR*	*NR*	*NR*	*21 PPM*	*ND*
EPA 8100 (ALL)	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Cr	*7.0 PPM*	*3.9 PPM*	*4.7 PPM*	*7.6 PPM*	*9.7 PPM*	*0.05 PPM*
Ni	*19 PPM*	*19 PPM*	*21 PPM*	*23 PPM*	*24 PPM*	*ND*
Pb	*2.6 PPM*	*2.0 PPM*	*2.6 PPM*	*6.6 PPM*	*7.3 PPM*	*ND*
Cd	*0.24 PPM*	*0.13 PPM*	*0.17 PPM*	*0.24 PPM*	*0.38 PPM*	*0.01 PPM*
Zn	*32 PPM*	*32 PPM*	*39 PPM*	*40 PPM*	*38 PPM*	*46 PPM*
Se	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*

Discussion of Analytical Results

TPHg/BTEX: TPHg in the six sidewall samples originally obtained in the October 1993 sampling event all contained less than 100 PPM of TPHg - the highest being S/W#1 @ 64.11 PPM. The highest benzene content for these samples was 1.28 PPM - also S/W#1. The soil sample taken from the waste oil stock pile during the May 26 1994 sampling event (W/O-S/P#1) was non-detect for TPH, and non-detect for BTEX constituents. The groundwater grab sample taken in May, 1994 contained no detectable TPHg, and was non-detect for all BTEX constituents.

TPHd: TPHd was detected in each of the sidewall samples during the May 1994 sampling event ranging from a high of 93 PPM in EXT-S/W#1 to 12 PPM in EXT-S/W#2.

TOG: Total Oil and Grease was detected at fairly high concentrations (3980 PPM in S/W#5 and 955 PPM in S/W#6) in the soil samples taken near the previous waste oil tank. GTE field personnel noted that the area effected by waste oil were easily identified

Metals: Six metals were analyzed in each of the samples obtained during the May 26, 1994 sampling event (Cr,Ni,Pb,Cd,Zn,& Se). Analytical results indicated that each was below the Title 22 TTLC regulatory limits.

EPA 610/8100: None of the SVOC constituents were found in any of the soil samples. These constituents were also non-detect in the groundwater grab sample.

Initial Soil Treatment:

The soil containing *diesel and gasoline* contamination was spread on site and inoculated with Solmar® L-104 hydrocarbon degrading microbes. The application of the microbes was performed in accordance with GTE's work plan. The soil has been turned and aerated on several occasions, and the soil reinoculated twice since the initial application. Permits were secured through the AQMD for the treatment. The final GTE report will contain details on soil treatment methodology and practices.

Discussion:

Based on the results of the soil and groundwater sampling performed to date at the subject site, the following observations are noted:

1. It appears that the excavation has effectively removed soil containing greater than 100 PPM of gasoline and diesel constituents.

2. There appears to be an area on the extremity of the excavation - near the previous waste oil tank - in which waste oil contaminated soil still remains, and will need to be excavated to less than 100 PPM. The remaining contaminated soil in this area appears to extend beneath the existing building - requiring that the building be removed or the foundation undermined in order to access this affected remaining soil.

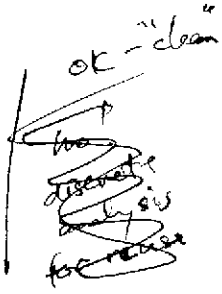
3. The groundwater within the excavation pit appears now to be free of gasoline and heavy oil constituents, however, diesel remains in the water at 92 PPB - which is slightly greater than the 50 PPB drinking water standard which is necessary to achieve for non-restrictive discharge.

4. The soil and groundwater tested appears to be free of EPA 8100 SVOC constituents.

Proposed Modifications to Work Plan

Based on the preliminary data presented herein, GTE is requesting to continue the project following the work plan on file, with modifications to the sampling and groundwater treatment requirements as proposed herein. The following work scope is proposed to be performed in the order presented. All sampling protocols will be in accordance with GTE's work plan date September 29, 1993.

Stock Pile Soil Sampling:



1. Soil samples will be collected from the separated overburden ("clean") soil @ one discrete sample per 20 cu. yds. (five samples total). Each of these samples will be composite into one unit, and the single sample composite analyzed at a state certified lab for TPHg, TPHd, BTEX, and Oil & Grease. Assuming that the TPH constituents are less than 10 PPM, and the Benzene less than 1 PPM, this soil will be candidate for backfill.

2. Soil samples will be collected from the gasoline/diesel contaminated soil treatment stockpile @ one discrete sample per 20 cu. yds. Each of these samples will be analyzed at a state certified lab for TPHg, TPHd, BTEX, and Oil & Grease. Assuming that the TPH constituents are less than 10 PPM, and the Benzene less than 1 PPM, this soil will be candidate for backfill.

The waste oil contaminated soil stockpile will remain undisturbed.

Groundwater Treatment and Discharge:

1. The existing groundwater in the excavation pit will be pumped into a holding tank on site. The water within the tank will be inoculated with Solmar® L-104 hydrocarbon degrading microbes. The application of the microbes will be performed in accordance with the manufacturers recommendations. An aeration pump will be installed in the tank to circulate and aerate the water for a period of approximately 7 days.

2. The pond water within the tank - laden with hydrocarbon degrading bacteria - will be used to inoculate the remaining waste oil contaminated soil, and any of the soils on site that have not proven to have been completely decontaminated by the first treatment cycles.

3. The excavation pond will be allowed to recharge with groundwater, and a sample of the water obtained. This sample will be tested at a state certified lab for TOG, TPHg, Diesel, and BTEX. Assuming the levels of residual chemical constituents remaining in the water are acceptable to the ACDEHS, backfilling will be performed in accordance with the following protocol.

Partial Backfilling:

1. In order to provide room for the building demolition, and further excavation and treatment of soil, GTE proposes to partially backfill the excavation pit using a gravel/rock base and the cleaned (less than 10 PPM TPH) soil.

   a. Line the extremity wall of the pit which still contains waste oil with 20 mil visqueen. This will facilitate separation and isolation of the remaining contaminated soil in the waste oil tank area from the clean soil areas in the remainder of the pit.

   b. Gravel will be used to fill the excavation to the static depth of groundwater so as to provide a compaction "bridge". The clean native soil will then be backfilled in 2 foot lifts and mechanically compacted to meet 90%+ ASTM compaction standards.

Building Demo & Additional Excavation of Waste Oil Contaminated Soil:

1. GTE proposes to demolish and dispose of the existing building structure in order to gain access to the remaining area of waste oil contaminated soil. All required agency permits will be obtained prior to the demolition.

2. The area of remaining waste oil soil contamination will be excavated - using field test methodology to help determine the extent and areas necessary to remove. This excavation will be performed in accordance with the GTE work plan, and be extended to a depth slightly below the static level of groundwater.

3. Extremity side wall soil samples will be taken at appropriate intervals (depending on the [illegible] at the depth of the soil/groundwater interface zone. Each sample will be tested at a state certified lab for TOG, TPHg, TPHd, and BTEX.

4. The groundwater within the excavation will be pumped into the water holding tank on site, and the water allowed to recharge the pit. This cycle will be repeated (as necessary) until the groundwater appears free from oil. The groundwater within the pit will be sampled, and tested at a state certified lab for TOG, TPHg, TPHd, and BTEX.

5. Water in the holding tank will be inoculated and treated as described in the *Groundwater Treatment and Discharge* section above. A grab sample of the water will be taken from the treatment tank, and tested at a state certified lab for TOG, TPHg, TPHd, and BTEX.

Final Backfilling:

1. Gravel will be used to fill the excavation to the static depth of groundwater so as to provide a compaction "bridge". The clean native soil will then be backfilled in 2 foot lifts and mechanically compacted to meet 90%+ ASTM compaction standards.

All other aspects of the project will remain as presented in the September, 1993 work plan.

If you have any questions concerning this report, please do not hesitate to call the undersigned. GTE would like to proceed with completion of this project as soon as is possible in order to take advantage of the remaining summer months. Your help in approving this expeditiously would be greatly appreciated.

Respectfully,

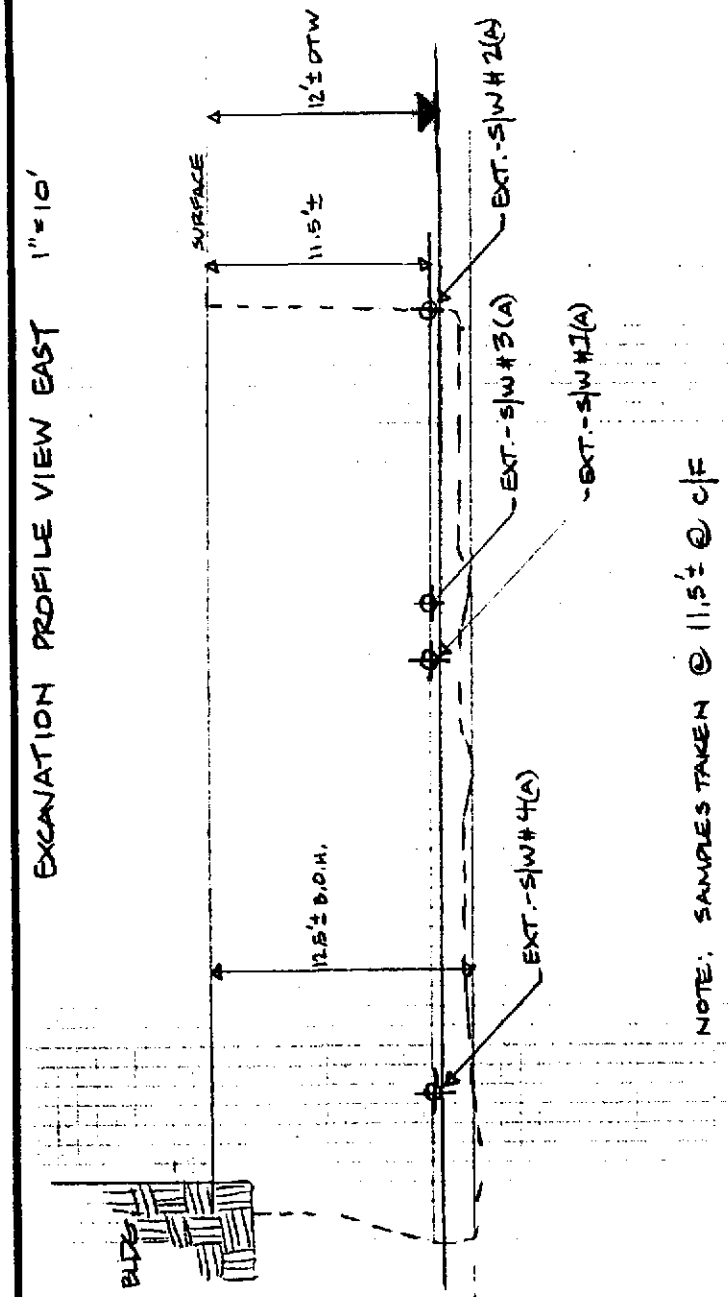
Stuart G. Solomon, Principal

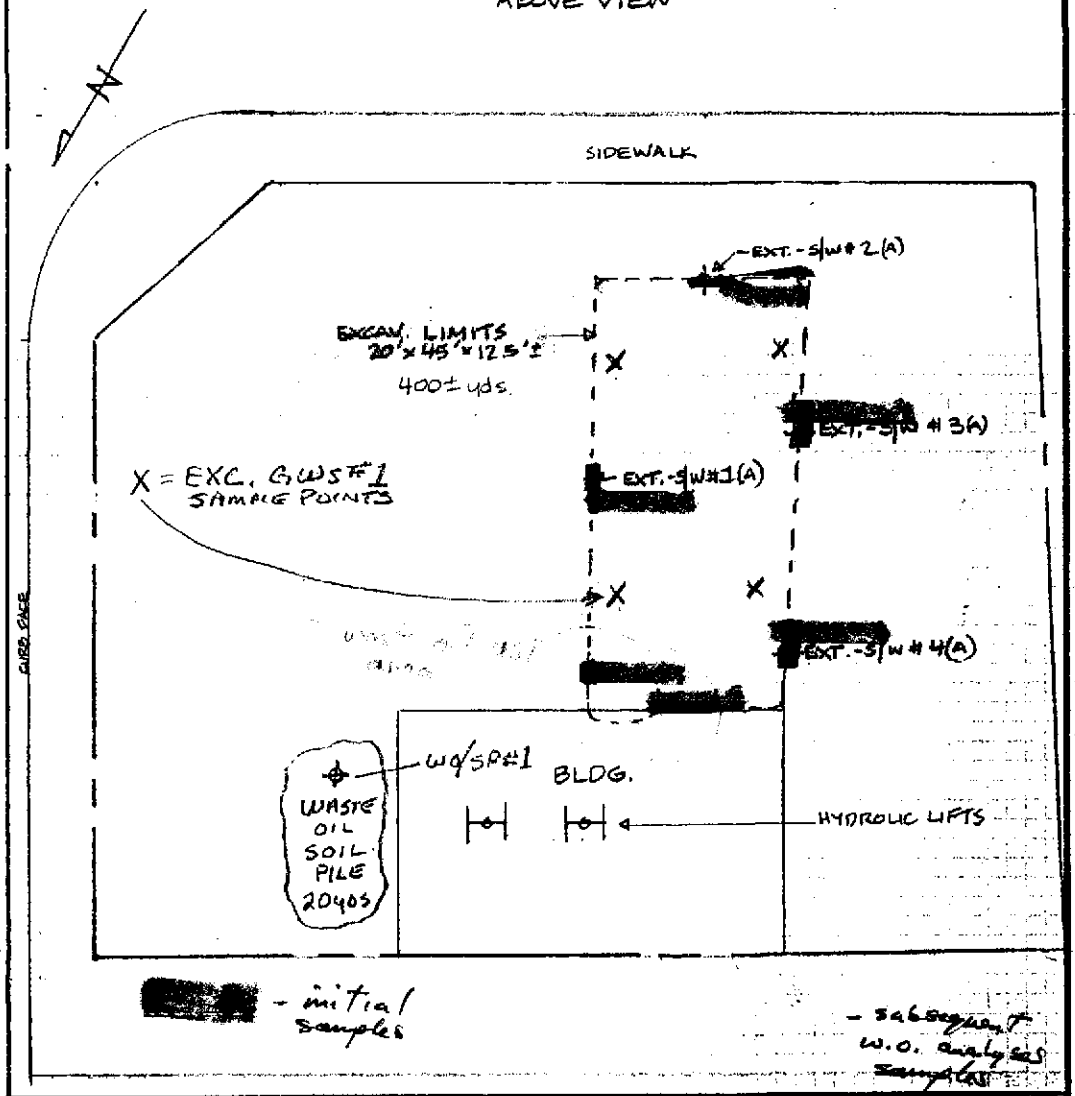
Robert Croyle, R.P.E. No. 20397 7/5/94

Attachments: Figure 1 - Site Soil Sample Map
Appendix 1 - Chains of Custody and Analytical Lab Results

FIGURE 1

SITE SOIL SAMPLE MAP





SITE PLAN - 2896 CASTRO VALLEY BLVD. CASTRO VALLEY

SCALE: 1" = 20'	APPROVED BY:	DRAWN BY E.L.
DATE: 5-26-93		REVISED 5/25

ABOVE AND PROFILE VIEW OF EXCAVATION
W/ SOIL SAMPLE LOCATIONS

KEY:
⊕ = SOIL SAMPLE LOCATION (S)

DRAWING NUMBER
9375-A

APPENDIX 1

CHAINS OF CUSTODY AND ANALYTICAL LAB RESULTS

Chain of Custody

[redacted]

DOHS 1094

DATE 5-26-94 PAGE 1 OF 1

JUN 13 '94 09:56 AMER-TEM, INC.

PROJ. MGR Eric Lisso

COMPANY GEN-TECH ENVIRONMENTAL

ADDRESS 1936 CAMDEN AVE. #I

SAN JOSE CA. 95124

SAMPLERS (SIGNATURE) (PHONE NO.) (408) 559-1248

ANALYSIS REPORT

SAMPLE ID	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, D+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	SVOC (EPA 8100) PNA	METALS: Cd, Cr, Pb, Zn, Ni + Sa	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)			NUMBER OF CONTAINERS
EXT.-S|W#1(A)	5-26-94	2:05P	SOIL				X									X	X							1
EXT.-S|W#2(A)	"	2:12P	SOIL				X									X	X							1
EXT.-S|W#3(A)	"	2:20P	SOIL				X									X	X							1
EXT.-S|W#4(A)	"	2:30P	SOIL				X					X				X	X							1
EXC.-GWS.#1	"	3:00P	WATER		X	X	X																	7
W|O-S|P#1	"	3:00P	SOIL		X	X	X																	1

PROJECT INFORMATION

PROJECT NAME: CASTRO VALLEY S.S.

PROJECT NUMBER: #9315

P.O. #

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	12
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1
(SIGNATURE) 6:00 (TIME)
Eric Lisso 6/31-94 (DATE)
(PRINTED NAME)
G.T.E.
(COMPANY)

RECEIVED BY 1
Cheryl Trillo 8:00 (TIME)
(SIGNATURE)
CHERYL TRILLO 5/31 (DATE)
(PRINTED NAME)
GTE
(COMPANY)

RELINQUISHED BY 2
Cheryl Trillo 4:30 (TIME)
(SIGNATURE)
5/31 (DATE)
(PRINTED NAME)
GTE
(COMPANY)

RECEIVED BY 2
Jennifer Binder (TIME)
(SIGNATURE)
Jennifer Binder 5/3 (DATE)
(PRINTED NAME)
AMER
(COMPANY)

RELINQUISHED BY 3
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY (LABORATORY) 3
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(LAB)

Chain of Custody

[redacted]

DOHS 11/94

DATE 5-26-94 PAGE 1 OF 1

PROJ. MGR Eric Lisson
COMPANY GEN-TECH ENVIRONMENTAL
ADDRESS 1936 CAMDEN AVE. #1
SAN JOSE CA. 95124
SAMPLERS (SIGNATURE) (PHONE NO.) (408) 559-1248

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	SVOC (EPA 8100) PNA	METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
EXT.-S|W#1(A)	5-26-94	2:05P	SOIL				X									X	X								1
EXT.-S|W#2(A)	"	2:12P	SOIL				X									X	X								1
EXT.-S|W#3(A)	"	2:20P	SOIL				X									X	X								1
EXT.-S|W#4(A)	"	2:30P	SOIL				X					X				X	X								7
EXC.-GWS.#1	"	3:00P	WATER		X	X	X	X	X			X				X	X								1
W|O-S|P#1	"	2:00P	SOIL																						

PROJECT INFORMATION

PROJECT NAME: CASTRO VALLEY S.S.
PROJECT NUMBER: #9315
P.O. #

SAMPLE RECEIPT

TOTAL NO OF CONTAINERS	12
HEAD SPACE	
RECD GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1
(SIGNATURE) 8:00 (TIME)
Eric Lisson 5-31-94 (DATE)
(PRINTED NAME)
G.T.E.
(COMPANY)

RECEIVED BY 1
(SIGNATURE) 9:00 (TIME)
CHERYL TRILLO 5/31 (DATE)
(PRINTED NAME)
GTE
(COMPANY)

RELINQUISHED BY 2
(SIGNATURE) 4:30 (TIME)
5/31 (DATE)
(PRINTED NAME)
GTE
(COMPANY)

RECEIVED BY 2
(SIGNATURE) (TIME)
Jennifer Binder 5/3 (DATE)
(PRINTED NAME)
AMER
(COMPANY)

RELINQUISHED BY 3
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY (LABORATORY) 3
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(LAB)

JUN 07 '94 19:14 AMER-TEM, INC.

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8015M

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	8015M/ TPH-GASOLINE	DF
EXC.-GWS.#1	E4053114	ND	1
Units		ug/l	
Detection Limits (DL)		50ug/l	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8020

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	Benzene	Toluene	Ethyl Benzene	Total Xylene	DF
EXC.-GWS.#1	E4053114	ND	ND	ND	ND	1
Units		ug/l	ug/l	ug/l	ug/l	
Detection Limits (DL)		0.5ug/l	0.5ug/l	0.5ug/l	1.0ug/l	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8015M

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	8015M/ TPH-GASOLINE	DF
W/O-S/P#1	E4053115	ND	1
Units		mg/kg	
Detection Limits (DL)		1.0mg/kg	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8020

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	Benzene	Toluene	Ethyl Benzene	Total Xylene	DF
W/O-S/P#1	E4053115	ND	ND	ND	ND	1
Units		ug/kg	ug/kg	ug/kg	ug/kg	
Detection Limits (DL)		5.0ug/kg	5.0ug/kg	5.0ug/kg	10ug/kg	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8015M

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	8015M/ TPH-DIESEL	DF
EXT.-S/W#1(A)	E4053110	**93**	1
EXT.-S/W#2(A)	E4053111	**12**	1
EXT.-S/W#3(A)	E4053112	**16**	1
EXT.-S/W#4(A)	E4053113	**55**	1
W/O-S/P#1	E4053115	**24**	1
Units		mg/kg	
Detection Limits (DL)		1.0mg/kg	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8015M

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	8015M/ TPH-DIESEL	DF
EXC.-GWS.#1	E4053114	92	1
Units		ug/l	
Detection Limits (DL)		50ug/l	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHODS 5520F (TOG)

GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	5520F TOG	DF
EXC.-GWS.#1	E4053114	ND	1
Units		mg/kg	
Detection Limits (DL)		5.0mg/kg	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHODS 5520F (TOG)

GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	5520F TOG	DF
W/O-S/P#1	E4053115	21	1
Units		mg/kg	
Detection Limits (DL)		5.0mg/kg	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

EPA METHODS 610/8100 ANALYSIS REPORT
(ELAP CERTIFICATE NO. 1909)

Client: GEN-TECH ENVIRONMENTAL, INC.
1936 Camden Avenue, #1
San Jose, CA 95124
Project Manager: Eric Lissol
Project: Castro Valley S.S., #9375
Sample Name: EXT.-S/W #1(A) (E4053110)

Date Sampled: 05-26-94
Date Received: 05-31-94
Date Reported: 06-08-94
Sample Matrix: SOIL
AMER Report #: E234

COMPOUND	CAS #	CONC. (ug/kg)	DETECTION LIMIT (ug/kg)
acenaphthylene		ND	100
acenaphthene*		ND	100
anthracene		ND	100
benzo (a) anthrancene		ND	250
benzo(a)pyrene**		ND	250
benzo(b)fluoranthene		ND	250
benzo(g,h,i)perylene		ND	100
benzo(k) fluoranthene		ND	100
1-chloronaphthalene		ND	100
2-chloronaphthalene		ND	100
chrysene		ND	100
dibenzo(a,h)anthracene		ND	100
dibenzo(a,j)acridine		ND	100
fluoranthene*		ND	250
fluorene		ND	100
indeno(1,2,3-cd)pyrene		ND	100
3-methylcholanthrene		ND	100
naphthalene		ND	100
phenanthrene		ND	100
pyrene		ND	100

Reviewed By:

Lei Chen, Env. Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

EPA METHODS 610/8100 ANALYSIS REPORT
(ELAP CERTIFICATE NO. 1909)

Client: GEN-TECH ENVIRONMENTAL, INC.
1936 Camden Avenue, #1
San Jose, CA 95124
Project Manager: Eric Lissol
Project: Castro Valley S.S., #9375
Sample Name: EXT.-S/W #2(A) (E4053111)

Date Sampled: 05-26-94
Date Received: 05-31-94
Date Reported: 06-08-94
Sample Matrix: SOIL
AMER Report #: # E234

COMPOUND	CAS #	CONC. ug/kg	DETECTION LIMIT ug/kg
acenaphthylene		ND	100
acenaphthene*		ND	100
anthracene		ND	100
benzo (a) anthrancene		ND	250
benzo(a)pyrene**		ND	250
benzo(b)fluoranthene		ND	250
benzo(g,h,i)perylene		ND	100
benzo(k) fluoranthene		ND	100
1-chloronaphthalene		ND	100
2-chloronaphthalene		ND	100
chrysene		ND	100
dibenzo(a,h)anthracene		ND	100
dibenzo(a,j)acridine		ND	100
fluoranthene*		ND	250
fluorene		ND	100
indeno(1,2,3-cd)pyrene		ND	100
3-methylcholanthrene		ND	100
naphthalene		ND	100
phenanthrene		ND	100
pyrene		ND	100

Reviewed By:

Lei Chen, Env. Laboratory Manager

AMER
Advanced Materials Engineering Research, Inc.

EPA METHODS 610/8100 ANALYSIS REPORT
(ELAP CERTIFICATE NO. 1909)

Client: GEN-TECH ENVIRONMENTAL, INC.
1936 Camden Avenue, #1
San Jose, CA 95124
Project Manager: Eric Lissol
Project: Castro Valley S.S., #9375
Sample Name: EXT.-S/W #3(A) (E4053112)

Date Sampled: 05-26-94
Date Received: 05-31-94
Date Reported: 06-08-94
Sample Matrix: SOIL
AMER Report #: # E234

COMPOUND	CAS #	CONC. ug/kg	DETECTION LIMIT ug/kg
acenaphthylene		ND	100
acenaphthene*		ND	100
anthracene		ND	100
benzo (a) anthrancene		ND	250
benzo(a)pyrene**		ND	250
benzo(b)fluoranthene		ND	250
benzo(g,h,i)perylene		ND	100
benzo(k) fluoranthene		ND	100
1-chloronaphthalene		ND	100
2-chloronaphthalene		ND	100
chrysene		ND	100
dibenzo(a,h)anthracene		ND	100
dibenzo(a,j)acridine		ND	100
fluoranthene*		ND	250
fluorene		ND	100
indeno(1,2,3-cd)pyrene		ND	100
3-methylcholanthrene		ND	100
naphthalene		ND	100
phenanthrene		ND	100
pyrene		ND	100

Reviewed By:

Lei Chen, Env. Laboratory Manager

AMER

Advanced Materials Engineering Research, Inc.

EPA METHODS 610/8100 ANALYSIS REPORT
(ELAP CERTIFICATE NO. 1909)

Client: GEN-TECH ENVIRONMENTAL, INC.
1936 Camden Avenue, #1
San Jose, CA 95124
Project Manager: Eric Lissol
Project: Castro Valley S.S., #9375
Sample Name: EXT.-S/W #4(A) (E4053113)

Date Sampled: 05-26-94
Date Received: 05-31-94
Date Reported: 06-08-94
Sample Matrix: SOIL
AMER Report #: # E234

COMPOUND	CAS #	CONC. ug/kg	DETECTION LIMIT ug/kg
acenaphthylene		ND	100
acenaphthene*		ND	100
anthracene		ND	100
benzo (a) anthrancene		ND	250
benzo(a)pyrene**		ND	250
benzo(b)fluoranthene		ND	250
benzo(g,h,i)perylene		ND	100
benzo(k) fluoranthene		ND	100
1-chloronaphthalene		ND	100
2-chloronaphthalene		ND	100
chrysene		ND	100
dibenzo(a,h)anthracene		ND	100
dibenzo(a,j)acridine		ND	100
fluoranthene*		ND	250
fluorene		ND	100
indeno(1,2,3-cd)pyrene		ND	100
3-methylcholanthrene		ND	100
naphthalene		ND	100
phenanthrene		ND	100
pyrene		ND	100

Reviewed By:

Lei Chen, Env. Laboratory Manager

AMER

Advanced Materials Engineering Research, Inc.

EPA METHODS 610/8100 ANALYSIS REPORT
(ELAP CERTIFICATE NO. 1909)

Client: GEN-TECH ENVIRONMENTAL, INC.
1936 Camden Avenue, #1
San Jose, CA 95124
Project Manager: Eric Lissol
Project: Castro Valley S.S., #9375
Sample Name: EXC.-GWS.#1 (E4053114)

Date Sampled: 05-26-94
Date Received: 05-31-94
Date Reported: 06-08-94
Sample Matrix: WATER
AMER Report #: E234

COMPOUND	CAS #	CONC. ug/l	DETECTION LIMIT ug/l
acenaphthylene		ND	0.27
acenaphthene*		ND	0.28
anthracene		ND	0.28
benzo (a) anthrancene		ND	0.29
benzo(a)pyrene**		ND	0.17
benzo(b)fluoranthene		ND	0.20
benzo(g,h,i)perylene		ND	0.25
benzo(k) fluoranthene		ND	0.20
1-chloronaphthalene		ND	0.50
2-chloronaphthalene		ND	0.30
chrysene		ND	0.24
dibenzo(a,h)anthracene		ND	0.26
dibenzo(a,j)acridine		ND	0.50
fluoranthene*		ND	0.32
fluorene		ND	0.27
indeno(1,2,3-cd)pyrene		ND	0.23
3-methylcholanthrene		ND	0.50
naphthalene		ND	0.29
phenanthrene		ND	0.30
pyrene		ND	0.33

Reviewed By:

lei chen

Lei Chen, Env. Laboratory Manager

AMER

Advanced Materials Engineering Research, Inc.

EPA METHODS 610/8100 ANALYSIS REPORT
(ELAP CERTIFICATE NO. 1909)

Client: GEN-TECH ENVIRONMENTAL, INC.
1936 Camden Avenue, #1
San Jose, CA 95124
Project Manager: Eric Lissol
Project: Castro Valley S.S., #9375
Sample Name: W/O - S/P #1 (E4053115)

Date Sampled: 05-26-94
Date Received: 05-31-94
Date Reported: 06-08-94
Sample Matrix: SOIL
AMER Report #: # E234

COMPOUND	CAS #	CONC. ug/kg	DETECTION LIMIT ug/kg
acenaphthylene		ND	100
acenaphthene*		ND	100
anthracene		ND	100
benzo (a) anthrancene		ND	250
benzo(a)pyrene**		ND	250
benzo(b)fluoranthene		ND	250
benzo(g,h,i)perylene		ND	100
benzo(k) fluoranthene		ND	100
1-chloronaphthalene		ND	100
2-chloronaphthalene		ND	100
chrysene		ND	100
dibenzo(a,h)anthracene		ND	100
dibenzo(a,j)acridine		ND	100
fluoranthene*		ND	250
fluorene		ND	100
indeno(1,2,3-cd)pyrene		ND	100
3-methylcholanthrene		ND	100
naphthalene		ND	100
phenanthrene		ND	100
pyrene		ND	100

Reviewed By:

lei Chen

Lei Chen, Env. Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis:Cadmium (Cd)
Sample Matrix: SOIL
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXT.-S/W#1(A)	E4053110	**0.24**	0.02	mg/kg
EXT.-S/W#2(A)	E4053111	**0.13**	0.01	mg/kg
EXT.-S/W#3(A)	E4053112	**0.17**	0.01	mg/kg
EXT.-S/W#4(A)	E4053113	**0.24**	0.02	mg/kg
W/O-S/P#1	E4053115	**0.38**	0.03	mg/kg

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis:Chromium (Cr)
Sample Matrix: SOIL
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXT.-S/W#1(A)	E4053110	**7.0**	0.06	mg/kg
EXT.-S/W#2(A)	E4053111	**3.9**	0.03	mg/kg
EXT.-S/W#3(A)	E4053112	**4.7**	0.03	mg/kg
EXT.-S/W#4(A)	E4053113	**7.6**	0.06	mg/kg
W/O-S/P#1	E4053115	**9.7**	0.08	mg/kg

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis:Lead (Pb)
Sample Matrix: SOIL
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXT.-S/W#1(A)	E4053110	**2.6**	0.2	mg/kg
EXT.-S/W#2(A)	E4053111	**2.0**	0.1	mg/kg
EXT.-S/W#3(A)	E4053112	**2.6**	0.1	mg/kg
EXT.-S/W#4(A)	E4053113	**6.6**	0.2	mg/kg
W/O-S/P#1	E4053115	**7.3**	0.3	mg/kg

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Zinc (Zn)
Sample Matrix: SOIL
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXT.-S/W#1(A)	E4053110	**32**	1.0	mg/kg
EXT.-S/W#2(A)	E4053111	**32**	1.0	mg/kg
EXT.-S/W#3(A)	E4053112	**39**	1.0	mg/kg
EXT.-S/W#4(A)	E4053113	**40**	1.0	mg/kg
W/O-S/P#1	E4053115	**38**	1.0	mg/kg

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Nickel (Ni)
Sample Matrix: SOIL
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXT.-S/W#1(A)	E4053110	**19**	2.0	mg/kg
EXT.-S/W#2(A)	E4053111	**19**	2.0	mg/kg
EXT.-S/W#3(A)	E4053112	**21**	2.0	mg/kg
EXT.-S/W#4(A)	E4053113	**23**	2.0	mg/kg
W/O-S/P#1	E4053115	**24**	2.0	mg/kg

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Selenium (Sc)
Sample Matrix: SOIL
Dilution Factor: 5

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXT.-S/W#1(A)	E4053110	ND	1.3	mg/kg
EXT.-S/W#2(A)	E4053111	ND	1.3	mg/kg
EXT.-S/W#3(A)	E4053112	ND	1.3	mg/kg
EXT.-S/W#4(A)	E4053113	ND	1.3	mg/kg
W/O-S/P#1	E4053115	ND	1.3	mg/kg

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Cadmium (Cd)
Sample Matrix: WATER
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXC.-GWS.#1	E4053114	0.01	0.01	mg/l

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Chromium (Cr)
Sample Matrix: WATER
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXC.-GWS.#1	E4053114	0.05	0.03	mg/l

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Vallen S.S., Project # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Lead (Pb)
Sample Matrix: WATER
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXC.-GWS.#1	E4053114	ND	0.4	mg/l

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

[redacted]EOCHEM Environmental Laboratories
[redacted] Montague Expressway, Suite 4[redacted]
San Jose, CA 95131
(408) 955-9988 • FAX (408) 955-9538

CHAIN OF CUSTODY RECORD

Date 10-25-93 Page 1 of 1

CLIENT Clen-Tech Environmental

ADDRESS 1436 Chewden Ave. #1
San Jose CA. 95124

PROJECT NAME #4375-R
Diversified Loans (Castro Valley)

PROJECT MANAGER Ben Halsted

PHONE NUMBER (408) 559-1248 Fax (408) 559-1228

TESTS REQUIRED

SAMPLE I.D.	LOCATION DESCRIPTION	DATE	TIME	MATRIX: AIR	MATRIX: WATER	MATRIX: SOIL	NO. OF CTNR	418.1/TRPH	8010 (601)	8015 E/TPH-diesel	8015 M/TPH-gasoline	8020 (602) BTEX	7420/Total Lead	Organic Lead	Total Oil & Grease		Archive
S/W#1	East sidewall @12' dpt.	10-25-93	12:45p	*		✓	1				✓	✓					
S/W#2	South sidewall @12' dpt.	"	12:50p	*		✓	1				✓	✓					
S/W#3	West sidewall @12' dpt.	"	12:52p			✓	1				✓	✓					
S/W#4	West sidewall @12' dpt.	"	12:55p			✓	1				✓	✓					
S/W#5	North sidewall @12' dpt.	"	12:57p			✓	1				✓	✓			✓	*	
S/W#6	East sidewall @12' dpt.	"	1:00p	*		✓	1				✓	✓			✓	*	

*TUESDAY ??? PLEASE

Sampled/Relinquished by: [signature] Chic Lisser	Received by: [signature] Ben Halsted	Date 10/27/93	Time 8:05
Relinquished by: [signature] Ben Halsted	Received by: Cheryl Trillo	Date 10/27/93	Time 10:30 AM
Relinquished by: Cheryl Trillo	Received by:	Date	Time

Turnaround time: 24 hr. 48 hr. (Normal (3-5 days)) — circled

Special Instructions:

Geochem ENVIRONMENTAL LABORATORIES

Mobile & In-House Laboratories Certified by State of California
Phone: (408) 955-9988 / FAX: (408) 955-9538

ANALYTICAL REPORT

****

Client: Gen-Tech Environmental
1936 Camden Ave., Ste.1
San Jose, CA 95124
Attn: Ben Halsted

Date Sampled: 10/25/93
Date Received: 10/29/93
Date Analyzed: 11/02/93
Batch:SD-310 Matrix: Soil
Conc. Unit mg/kg (ppm)

Project: Diversified Loans (Proj.#9375-R)

****

"**ND**" means "not detected" at indicated detection limit.
B:benzene, **T**:toluene, **E**:ethylbenzene & **X**:total xylenes.
Samples recieved chilled with a chain of custody record.

SAMPLE I.D.	TOG 5520F	8015M/TPH Gasoline	8020 B / T / E / X
DETECTION LIMIT	1 ppm	0.05 ppm	0.0005 ppm
S/W #1		64.11	1.103/ 4.135/ 4.866/ 25.05
S/W #2		29.49	0.0559/0.5480/ 1.187/ 6.636
S/W #3		1.28	ND /0.0716/0.0124/0.1213
S/W #4		4.35	ND /0.1889/0.0133/0.1018
S/W #5	3980	1.25	ND /0.2073/0.0274/0.1653
S/W #6	955	5.09	0.3064/ 1.009/0.0150/0.6112

RECEIVED
NOV 8 1993
ANSWERED

Reviewed and approved by George Tsai, Nov. 03, 1993
George Tsai, Laboratory Director

[redacted]

DOHS 1094

Chain of Custody

DATE 5-26-94 PAGE 1 OF 1

PROJ MGR Eric Lissol
COMPANY GEN-TECH ENVIRONMENTAL
ADDRESS 1936 CAMDEN AVE. #I
SAN JOSE CA. 95124
SAMPLERS (SIGNATURE) (PHONE NO.) (408)559-1248

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	SVOC (EPA 8100) PNA	METALS: Cd, Cr, Pb, Zn, Ni & Se	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
EXT.-S|W#1(A)	5-26-94	2:05P	SOIL				X									X	X								1
EXT.-S|W#2(A)	"	2:12P	SOIL				X									X	X								1
EXT.-S|W#3(A)	"	2:20P	SOIL				X									X	X								1
EXT.-S|W#4(A)	"	2:30P	SOIL				X									X	X								1
EXC.-GWS.#1	"	3:00P	WATER		X		X					X				X	X								7
W|O-S|P#1	"	2:00P	SOIL		X		X					X				X	X								1

PROJECT INFORMATION

PROJECT NAME: CASTRO VALLEY S.S.
PROJECT NUMBER #9375
P.O. #

SAMPLE RECEIPT

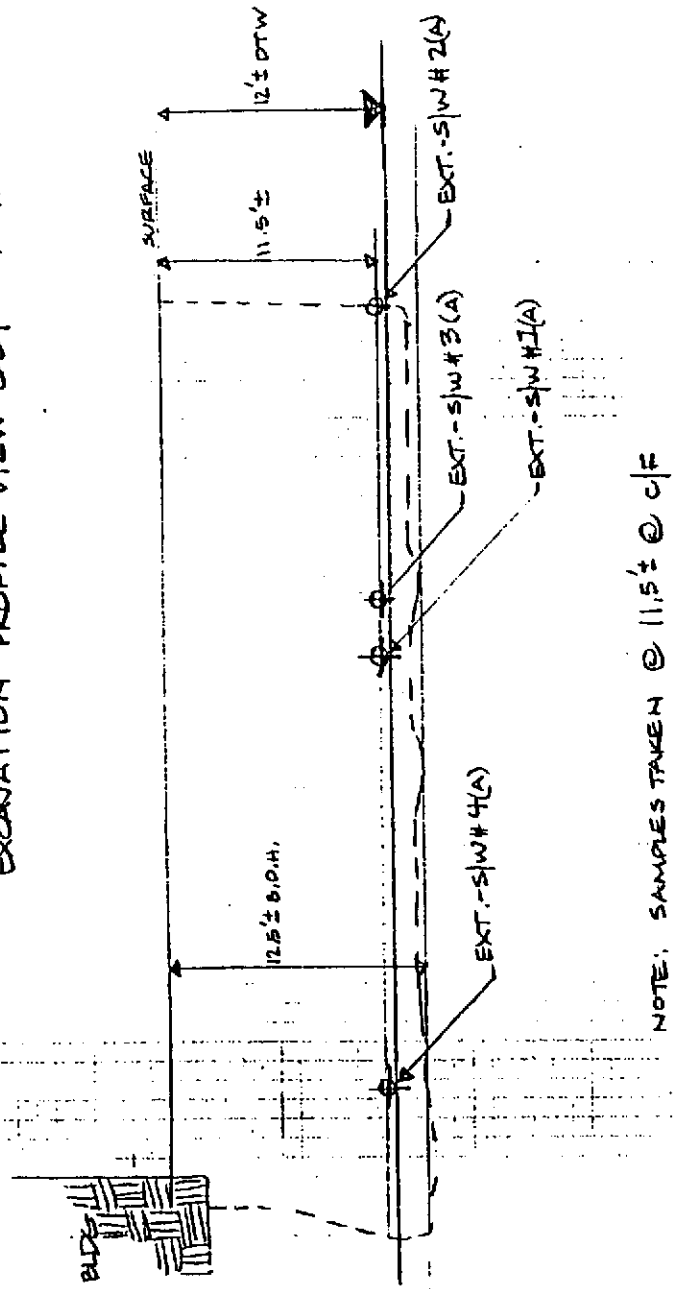
TOTAL NO OF CONTAINERS	12
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT: STANDARD 5-DAY | | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS

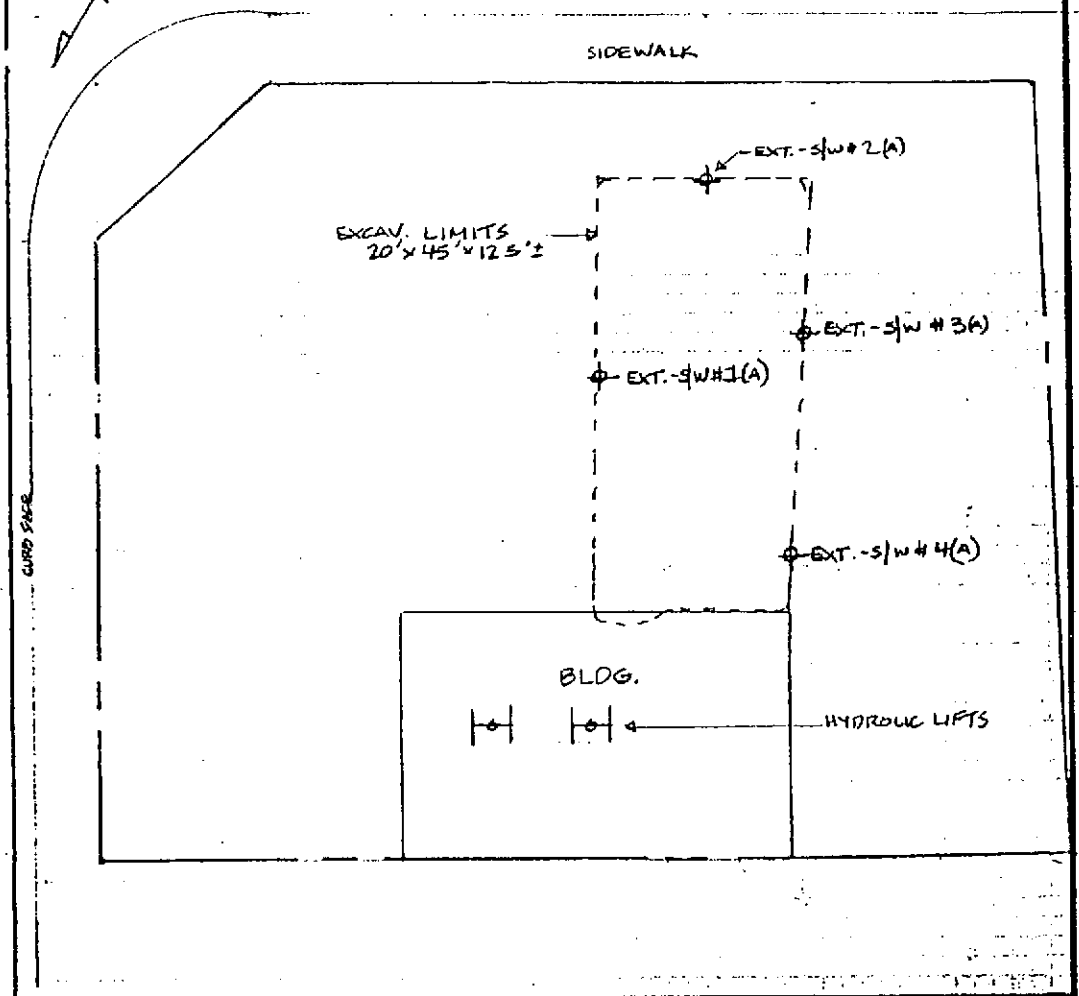
RELINQUISHED BY 1	RELINQUISHED BY 2	RELINQUISHED BY 3
(SIGNATURE) 8:00 (TIME)	(SIGNATURE) 4:30 (TIME)	(SIGNATURE) (TIME)
Eric Lissol 5-31-94 (PRINTED NAME) (DATE)	(PRINTED NAME) 5/31 (DATE)	(PRINTED NAME) (DATE)
G.T.E. (COMPANY)	GTE (COMPANY)	(COMPANY)
RECEIVED BY 1	**RECEIVED BY 2**	**RECEIVED BY (LABORATORY) 3**
(SIGNATURE) 8:00 (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
CHERYL TRILLO 5/31 (PRINTED NAME) (DATE)	Jennifer Binder 5/3 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
GTE (COMPANY)	AMER (COMPANY)	(LAB)

EXCAVATION PROFILE VIEW EAST 1"=10'



NOTE: SAMPLES TAKEN @ 11.5'± @ C|F

ABOVE VIEW



SITE PLAN - 2896 CASTRO VALLEY BLVD., CASTRO VALLEY

SCALE: 1" = 20'	APPROVED BY:	DRAWN BY E.L.
DATE: 5·26·94		REVISED

ABOVE AND PROFILE VIEW OF EXCAVATION
W/ SOIL SAMPLE LOCATIONS

KEY:
⊕ = SOIL SAMPLE LOCATION(S)

DRAWING NUMBER
9375-A

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8015M

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	8015M/ TPH-GASOLINE	DF
EXC.-GWS.#1	E4053114	ND	1
Units		ug/l	
Detection Limits (DL)		50ug/l	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8015M

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	8015M/ TPH-GASOLINE	DF
W/O-S/P#1	E4053115	ND	1
Units		mg/kg	
Detection Limits (DL)		1.0mg/kg	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8020

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue. #1
San Jose, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	Benzene	Toluene	Ethyl Benzene	Total Xylene	DF
EXC.-GWS.#1	E4053114	ND	ND	ND	ND	1
Units		ug/l	ug/l	ug/l	ug/l	
Detection Limits (DL)		0.5ug/l	0.5ug/l	0.5ug/l	1.0ug/l	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8020

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	Benzene	Toluene	Ethyl Benzene	Total Xylene	DF
W/O-S/P#1	E4053115	ND	ND	ND	ND	1
Units		ug/kg	ug/kg	ug/kg	ug/kg	
Detection Limits (DL)		5.0ug/kg	5.0ug/kg	5.0ug/kg	10ug/kg	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8015M

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	8015M/ TPH-DIESEL	DF
EXT.-S/W#1(A)	E4053110	**93**	1
EXT.-S/W#2(A)	E4053111	**12**	1
EXT.-S/W#3(A)	E4053112	**16**	1
EXT.-S/W#4(A)	E4053113	**55**	1
W/O-S/P#1	E4053115	**24**	1
Units		mg/kg	
Detection Limits (DL)		1.0mg/kg	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 8015M

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Client I.D.	AMER I.D.	8015M/ TPH-DIESEL	DF
EXC.-GWS.#1	E4053114	92	1
Units		ug/l	
Detection Limits (DL)		50ug/l	

ND Not Detected. All analytes recorded as ND were found to be under the limit of detection.

Reviewed By

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Cadmium (Cd)
Sample Matrix: WATER
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXC.-GWS.#1	E4053114	**0.01**	0.01	mg/l

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3805

AMER

Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Chromium (Cr)
Sample Matrix: WATER
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXC.-GWS.#1	E4053114	**0.05**	0.03	mg/l

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Lead (Pb)
Sample Matrix: WATER
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXC.-GWS.#1	E4053114	ND	0.4	mg/l

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Cadmium (Cd)
Sample Matrix: SOIL
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXT.-S/W#1(A)	E4053110	**0.24**	0.02	mg/kg
EXT.-S/W#2(A)	E4053111	**0.13**	0.01	mg/kg
EXT.-S/W#3(A)	E4053112	**0.17**	0.01	mg/kg
EXT.-S/W#4(A)	E4053113	**0.24**	0.02	mg/kg
W/O-S/P#1	E4053115	**0.38**	0.03	mg/kg

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Chromium (Cr)
Sample Matrix: SOIL
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXT.-S/W#1(A)	E4053110	**7.0**	0.06	mg/kg
EXT.-S/W#2(A)	E4053111	**3.9**	0.03	mg/kg
EXT.-S/W#3(A)	E4053112	**4.7**	0.03	mg/kg
EXT.-S/W#4(A)	E4053113	**7.6**	0.06	mg/kg
W/O-S/P#1	E4053115	**9.7**	0.08	mg/kg

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: SOIL
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Lead (Pb)
Sample Matrix: SOIL
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXT.-S/W#1(A)	E4053110	**2.6**	0.2	mg/kg
EXT.-S/W#2(A)	E4053111	**2.0**	0.1	mg/kg
EXT.-S/W#3(A)	E4053112	**2.6**	0.1	mg/kg
EXT.-S/W#4(A)	E4053113	**6.6**	0.2	mg/kg
W/O-S/P#1	E4053115	**7.3**	0.3	mg/kg

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Zinc (Zn)
Sample Matrix: WATER
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXC.-GWS.#1	E4053114	46	20	mg/l

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH ENVIRONMENTAL
1936 Camden Avenue, #1
San Jose, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Nickel (Ni)
Sample Matrix: WATER
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXC.-GWS.#1	E4053114	ND	0.04	mg/l

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035

AMER
Advanced Materials Engineering Research, Inc.

ANALYSIS REPORT
(ELAP Certificate No. 1909)
EPA METHOD 6000/7000

CLIENT:
GEN-TECH. ENVIRONMENTAL
1936 Camden Avenue
SAN JOSE, CA 95124
MATRIX: WATER
PROJECT MANAGER: Eric Lissol
PROJECT: Castro Valley S.S., # 9375

DATE SAMPLED: 05-26-94
DATE RECEIVED: 05-31-94
DATE REPORTED: 06-07-94
AMER ID: E234

Metal Analysis: Selenium (Se)
Sample Matrix: WATER
Dilution Factor: 1

Client I.D.	AMER I.D.	Metal Concentration	Detection Limit	Units
EXC.-GWS.#1	E4053114	ND	0.005	mg/l

ND = Not Detected. Analyte reported as ND was not present above the stated limit of detection.

Reported by:

Lei Chen, Laboratory Manager

783 East Evelyn Ave., Sunnyvale, CA 94086 Tel. (408) 738-3033 Fax. (408) 738-3035