A·C·C
ENVIRONMENTAL
CONSULTANTS

HEATING OIL TANK REMOVAL REPORT

October 24, 2003

1636 Trestle Glen Road
Oakland, California

Prepared For:
Mr. Joseph Aldrigde
737 East 24th Street
Oakland, California

OAKLAND ▪ SACRAMENTO
SEATTLE ▪ LOS ANGELES

ACC Project Number 6769-001-00

A·C·C
ENVIRONMENTAL
CONSULTANTS

HEATING OIL TANK REMOVAL REPORT

1636 Trestle Glen Road
Oakland, California

ACC Project Number: 6769-001-00

Prepared for:

Mr. Joseph and Zella Aldridge
727 East 24th Street
Oakland, CA 94606

October 24, 2003

Prepared by : _____
Edward Giacometti
Staff Geologist

Reviewed by: _____
David R. DeMent, RG, REA II
Environmental Division Manager

REGISTERED GEOLOGIST
DAVID R. DEMENT
NO. 6878
STATE OF CALIFORNIA

7977 Capwell Drive, Suite 100 • Oakland, CA 94621 • (510) 638-8400 • FAX: (510) 638-8404
OAKLAND • LOS ANGELES • SACRAMENTO • SEATTLE

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HEATING OIL TANK REMOVAL REPORT
1636 Trestle Glen Road
Oakland, California

1.0 INTRODUCTION

ACC Environmental Consultants, Inc., (ACC) was retained by Mr. Joseph and Zella Aldridge (Client) to coordinate and document the removal of one 350-gallon heating oil underground storage tank (UST) from 1636 Trestle Glen Road, Oakland, California (Site).

2.0 BACKGROUND

While preparing to sell the subject property, the Client identified a heating oil UST in the front yard of 1636 Trestle Glen, Oakland, California (Figure 1). The Client then contracted with ACC to coordinate, oversee and perform all heating oil UST removal activities. ACC obtained bids from three state-licensed tank removal contractors and selected DCM Construction & Services, of Dublin, California (DCM) to remove the UST.

3.0 FIELD ACTIVITIES

3.1 Preparation

Prior to field activities, DCM coordinated removal of the approximate 350 gallons of heating oil with a state-licensed disposal company and obtained the appropriate Oakland Fire Department (OFD) UST removal permit. ACC and DCM had onsite appropriate Health and Safety Plans for the removal activities. DCM performed all UST removal and backfill work under state contractor's license number 745353 in accordance with regulatory requirements. ACC documented the subsurface work during UST removal and closure procedures and performed the required confirmation soil sampling. The UST excavation and removal was observed by Mr. Hernan Gomez of the OFD.

Prior to UST removal, the tank was inerted with approximately 70 pounds of dry ice and internal vapors evaluated with the use of a lower explosion limit (LEL) meter. Following confirmation that the LEL and oxygen levels met acceptable criteria, the UST was removed with approval of the OFD.

3.2 UST Removal

DCM exposed and removed the UST on September 25, 2003. The UST was found to be perpendicular with Trestle Glen Road and located approximately 6 inches under the grass landscaping directly in front of the house (Figure 2). Upon removal, the steel UST was observed to be in fairly good condition with no holes and minor, uniform corrosion. The bottom of the UST sat at a depth of approximately 5.5 feet below ground surface (bgs). The UST and surrounding area is illustrated on Figure 2. Following collection of a second confirmation soil sample at 8.5 to 9.0 feet bgs, the hole was backfilled with overburden soil and clean fill materials, compacted, and the area restored. ACC understands that new sod will be placed over the area as part of house renovation and

landscaping. Upon removal, the UST was placed on the ground, cleaned with shovels, and examined for holes. As approved by OFD, DCM crushed the heating oil UST and hauled it offsite for disposal as scrap metal.

3.3 Subsurface Conditions

The soil observed within the excavation consisted of yellow brown to gray silty clay to a depth of 7.0 feet bgs. From 7.0 to 8.0 feet bgs, the soil contained increasing amounts of weathered bedrock and well cemented bedrock was observed at 9.0 feet bgs. Petroleum hydrocarbon odor consistent with heating oil and gray soil discoloration were noted in the soil from approximately 5.5 to 9.0 feet bgs. Soil discoloration and characteristic odor decreased rapidly with depth and distance from the center of the former UST. Small amounts of water were observed in the excavation perched on the bedrock but the water appeared to be from surface sources, not groundwater.

3.4 Sample Collection

With verbal approval of Mr. Hernan Gomez, ACC collected one representative sample underneath the vent line end of the heating oil UST on September 10, 2003. The sample was collected at 6.0 feet bgs, designated T1-V-6.0, and collected under the northeast end of the UST (opposite of the fill port). During removal activities on September 25, ACC collected a confirmation sample under the middle of the UST at 9.0 feet bgs designated T1-V-9.0. Both soil samples were collected in 2-inch-diameter brass liners. Upon their collection, the soil samples were immediately covered with Teflon® tape and tight-fitting plastic end caps, labeled pending transportation and submittal to STL San Francisco, Inc. (STL-SF), a state-certified analytical laboratory, under standard chain of custody protocol.

Sample locations are illustrated on Figure 2. According to Tri-Regional Guidelines, the samples were analyzed for benzene, toluene, ethyl-benzene, and total xylenes (BTEX) and for total petroleum hydrocarbons as diesel (TPHd). STL-SF was notified that heating oil was the primary suspect petroleum hydrocarbon. Analytical results are summarized in Table 1. Copies of analytical results and chain of custody records are included in the Appendix.

TABLE 1 - SOIL SAMPLE ANALYTICAL RESULTS

Sample No.	Date Sampled	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	TPHd (mg/kg)
T1-V-6.0	09/10/03	<0.0050	<0.0050	<0.0050	<0.0050	700
T1-V-9.0	09/25/03	<0.62	<0.62	<0.62	<0.62	4,400

Notes: *mg/kg = milligrams per kilogram = ppm = parts per million*
< Indicates the sample tested below the specified laboratory reporting limit
--- Sample not analyzed
RP Indicates results pending

3.5 Remedial Soil Removal

A limited quantity of discolored soil excavated during the collection of soil sample T1-V-9.0 was stockpiled on plastic and subsequently transferred to two 55-gallon steel drums on September 26, 2003. Based upon field observations and the initial sampling results, the OFD required this soil to be properly disposed offsite. ACC profiled and coordinated soil disposal with Integrated Wastestream Management (IWM), of Milpitas, California, a state-licensed contractor. ACC will forward a copy of the disposal certificates to the Client and OFD when they become available.

4.0 DISCUSSION

Analytical results of the soil samples collected in soil beneath the former UST removal indicate an impact from petroleum hydrocarbons as heating oil. BTEX concentrations were not reported in both confirmation soil samples. TPHd concentrations were reported in soil samples T1-V-6.0 and T1-V-9.0 at concentrations ranging from 700 to 4,400 ppm. Visual observations and the condition of the UST strongly indicate that unauthorized releases were due to overspillage. Impacted soil was observed to be fine-grained silts and clays and characteristic odor and soil discoloration were highly localized around and under the UST fill port. Potential vertical migration was minimized by the existence of shallow bedrock observed in soil across the bottom of the excavation at 9.0 feet bgs.

5.0 CONCLUSIONS

Based on field observations, analytical results, and work performed to date, ACC concludes:

- A minor, localized heating oil impact exists in the vicinity of the former UST but the source and the majority of impacted soil was successfully excavated and removed for offsite disposal;

- Impact to groundwater immediately adjacent to the former UST is not suspected due to the limited nature of the release and fine-grained native soils and bedrock limited potential subsurface migration;

- Future use of the site includes covering the former UST location with asphalt pavement which minimizes potential contact with any residual petroleum hydrocarbons;

- Residual petroleum hydrocarbons in the subsurface exhibit low toxicity, do not pose a threat to human health or the environment, and are expected to continue to decrease through natural attenuation processes; and

- Despite the lack of groundwater data, current subsurface conditions can be inferred with a high degree of confidence and ACC believes the Site should be evaluated for regulatory closure as a low-risk "soils-only" case.

6.0 RECOMMENDATIONS

Approximately 350 gallons of heating oil and the heating oil UST were successfully removed at the subject property. Cost-effective source removal has been conducted to the extent feasible. Based on field observations, analytical results of soil samples, and findings of work conducted during UST removal, ACC recommends that:

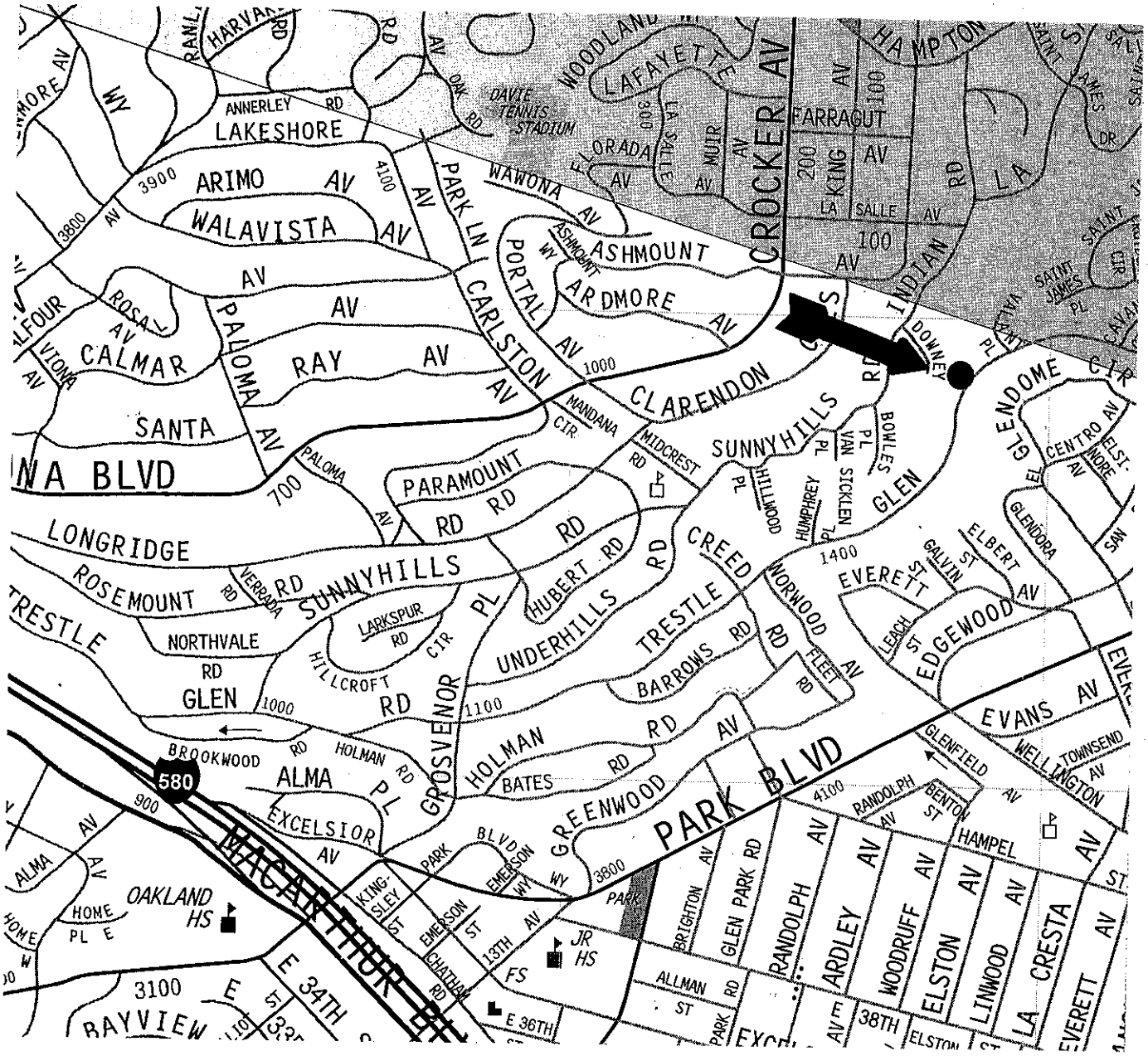
- No further investigation is warranted in the vicinity of the former heating oil UST;
- Relatively minor, residual concentrations of petroleum hydrocarbons in soil be allowed to naturally degrade; and
- The Site be evaluated for regulatory site closure.

7.0 LIMITATIONS

The service performed by ACC has been conducted in a manner consistent with the levels of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

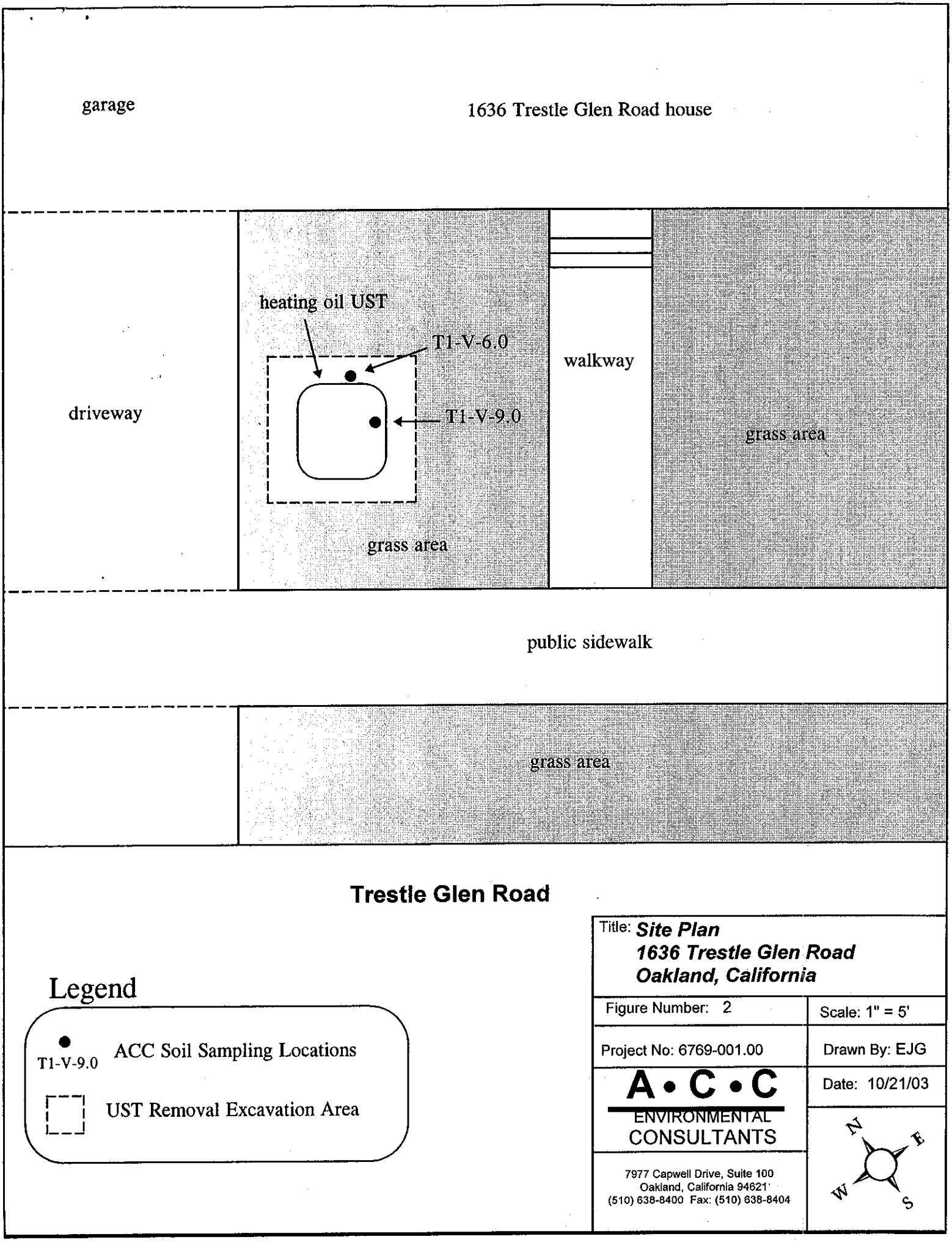
The conclusions presented in this report are professional opinions based on the indicated data described in this report and applicable regulations and guidelines currently in place. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study.

ACC has included analytical results from a state-certified laboratory, which performs analyses according to procedures suggested by the U.S. Environmental Protection Agency and the State of California. ACC is not responsible for laboratory errors in procedure or result reporting.



Source: Thomas Guide, Bay Area 2002

Title: ***1636 Trestle Glen Road Oakland, California***	
Figure Number: 1	Scale: None
Project No: 6769-001.00	Drawn By: TRB
A•C•C ENVIRONMENTAL CONSULTANTS	Date: 10/14/03
7977 Capwell Drive, Suite 100 Oakland, California 94621 (510) 638-8400 Fax: (510) 638-8404	N W E S



Trestle Glen Road

Legend

T1-V-9.0 ACC Soil Sampling Locations

UST Removal Excavation Area

Title: ***Site Plan***
1636 Trestle Glen Road
Oakland, California

Figure Number: 2	Scale: 1" = 5'
Project No: 6769-001.00	Drawn By: EJG
A • C • C ENVIRONMENTAL CONSULTANTS	Date: 10/21/03

7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400 Fax: (510) 638-8404

N E W S

SEVERN TRENT STL

Submission#: 2003-09-0390

ACC Environmental Consultants

September 21, 2003

7977 Capwell Drive, Suite 100
Oakland, CA 94621

Attn.: Dave DeMent

Project#: 6769-001.00
Project: 1636 Trestle glen

Dear Mr. DeMent,

Attached is our report for your samples received on 09/11/2003 17:10
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 10/26/2003 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,

Vincent Vancil
Project Manager

SEVERN TRENT STL

Submission #: 2003-09-0390

Diesel

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle glen

Received: 09/11/2003 17:10

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
T1-V-6.0	09/10/2003 16:30	Soil	1

Diesel

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle glen

Received: 09/11/2003 17:10

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	T1-V-6.0	Lab ID:	2003-09-0390 - 1
Sampled:	09/10/2003 16:30	Extracted:	9/15/2003 16:13
Matrix:	Soil	QC Batch#:	2003/09/15-07.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	700	5.0	mg/Kg	5.00	09/19/2003 13:58	ndp
Surrogate(s)						
o-Terphenyl	NA	60-130	%	5.00	09/19/2003 13:58	sd

SEVERN TRENT STL

Submission #: 2003-09-0390

Diesel

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle glen

Received: 09/11/2003 17:10

Batch QC Report

Prep(s): 3550/8015M
Method Blank
MB: 2003/09/15-07.10-001

Soil

Test(s): 8015M
QC Batch # 2003/09/15-07.10
Date Extracted: 09/15/2003 16:13

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	09/16/2003 20:58	
Surrogates(s)					
o-Terphenyl	92.6	60-130	%	09/16/2003 20:58	

Diesel

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle glen

Received: 09/11/2003 17:10

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike | **Soil** | **QC Batch # 2003/09/15-07.10**

LCS 2003/09/15-07.10-002 Extracted: 09/15/2003 Analyzed: 09/16/2003 19:56
LCSD 2003/09/15-07.10-003 Extracted: 09/15/2003 Analyzed: 09/16/2003 20:27

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	40.1	40.0	41.5	96.6	96.4	0.2	60-130	25		
Surrogates(s)										
o-Terphenyl	19.5	19.6	20.0	97.4	98.0		60-130	0		

SEVERN TRENT STL

Submission #: 2003-09-0390

Diesel

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle glen

Received: 09/11/2003 17:10

Legend and Notes

Result Flag

ndp
: Hydrocarbon reported does not match the pattern of our Diesel standard

sd
: Surrogate recovery not reportable due to required dilution.

SEVERN TRENT STL

Submission #: 2003-09-0390

8021B-BTEX

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle glen

Received: 09/11/2003 17:10

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
T1-V-6.0	09/10/2003 16:30	Soil	1

SEVERN TRENT STL

Submission #: 2003-09-0390

8021B-BTEX

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle glen

Received: 09/11/2003 17:10

Prep(s):	5035	Test(s):	8021B
Sample ID:	T1-V-6.0	Lab ID:	2003-09-0390 - 1
Sampled:	09/10/2003 16:30	Extracted:	9/12/2003 21:51
Matrix:	Soil	QC Batch#:	2003/09/12-01.04

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzene	ND	0.0050	mg/Kg	1.00	09/12/2003 21:51	
Toluene	ND	0.0050	mg/Kg	1.00	09/12/2003 21:51	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	09/12/2003 21:51	
Xylene(s)	ND	0.0050	mg/Kg	1.00	09/12/2003 21:51	
Surrogate(s)						
Trifluorotoluene	58.0	53-125	%	1.00	09/12/2003 21:51	

SEVERN TRENT STL

Submission #: 2003-09-0390

8021B-BTEX

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle glen

Received: 09/11/2003 17:10

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2003/09/12-01.04-003

Soil

Test(s): 8015M
QC Batch # 2003/09/12-01.04
Date Extracted: 09/12/2003 08:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Benzene	ND	0.0050	mg/Kg	09/12/2003 08:30	
Toluene	ND	0.0050	mg/Kg	09/12/2003 08:30	
Ethyl benzene	ND	0.0050	mg/Kg	09/12/2003 08:30	
Xylene(s)	ND	0.0050	mg/Kg	09/12/2003 08:30	
Surrogates(s)					
Trifluorotoluene	96.0	53-125	%	09/12/2003 08:30	

SEVERN TRENT STL

Submission #: 2003-09-0390

8021B-BTEX

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 8769-001.00
1636 Trestle glen

Received: 09/11/2003 17:10

Batch QC Report

Prep(s): 5035

Test(s): 8021B

Laboratory Control Spike

Soil

QC Batch # 2003/09/12-01.04

LCS 2003/09/12-01.04-004 Extracted: 09/12/2003 Analyzed: 09/12/2003 09:01
LCSD 2003/09/12-01.04-005 Extracted: 09/12/2003 Analyzed: 09/12/2003 09:32

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	0.0995	0.0982	0.1000	99.5	98.2	1.3	77-123	35		
Toluene	0.0990	0.0976	0.1000	99.0	97.6	1.4	78-122	35		
Ethyl benzene	0.0979	0.0966	0.1000	97.9	96.6	1.3	70-130	35		
Xylene(s)	0.287	0.284	0.300	95.7	94.7	1.1	75-125	35		
Surrogates(s)										
Trifluorotoluene	498	477	500	99.6	95.4		53-125			

SEVERN TRENT SERVICES

STL San Francisco

Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
email: info@stl-inc.com

2003-09-0390

Reference #: 77088

Date 9/11/03 Page 1 of 1

Report To

Attn: DAVID DEMENT

Company: ACC ENVIRONMENTAL CONSULTANTS

Address: 7977 CAPWELL DRIVE, SUITE 100

Email: ddement@accenv.com

Bill To: TREVOR | Sampled By: Dave Dement

Attn: TREVOR | Phone: (510) 638-8400 / 8404 FAX

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	Purgeable Aromatics BTEX EPA - ☒ 8021 ☐ 8260B	TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	W.E.T (STLC) ☐ TCLP	Hexavalent Chromium pH (24h hold time for H_2O)	Spec Cond. ☐ Alkalinity ☐ TDS ☐ TSS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4		Diesel			Number of Containers
T1-V-6.0	9/10/03	16:30	S	Cold		X																	X			1

Project Info.

Project Name: 1636 Trestle Glen

Project#: 6769-001.00

PO#:

Credit Card#:

Sample Receipt

of Containers:

Head Space:

Temp: 4.8

Conforms to record:

Other:

TAT: Std 5 Day | 72h | 48h | 24h

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF ☐ Global ID ___

Special Instructions / Comments:

Soil is discolored and has slight petroleum odor, expect weathered heating oil.

	1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature / Time	Dave Dement		1710
Printed Name / Date	DAVID DEMENT 9/11/03		9/11/03
Company	ACC ENVIRONMENTAL		STL-SF

	1) Received by:	2) Received by:	3) Received by:
Signature / Time	1717		1710
Printed Name / Date	9/11/03		M. VILLANUEVA 9/11/03
Company	STL-SF		STL SR

Rev 01/02

SEVERN TRENT STL

STL San Francisco

Sample Receipt Checklist

Submission #:2003- 09 - 0390

Checklist completed by: (initials) CR Date: 09/12/03

Courier name: ☑ STL San Francisco ☐ Client _____

Custody seals intact on shipping container/samples	Yes___ No___	Not Present ✓
Chain of custody present?	Yes ✓ No___	
Chain of custody signed when relinquished and received?	Yes ✓ No___	
Chain of custody agrees with sample labels?	Yes ✓ No___	
Samples in proper container/bottle?	Yes ✓ No___	
Sample containers intact?	Yes ✓ No___	
Sufficient sample volume for indicated test?	Yes ✓ No___	
All samples received within holding time?	Yes ✓ No___	
Container/Temp Blank temperature in compliance (4^{o} C ± 2)?	Temp: 4.8°C Yes ✓ No___	
	Ice Present Yes ✓ No___	
Water - VOA vials have zero headspace?	No VOA vials submitted ✓ Yes___ No___	

(if bubble is present, refer to approximate bubble size and itemize in comments as **S** (small ~O), **M** (medium ~ O) or **L** (large ~ O)

Water - **pH acceptable upon receipt?** ☐ Yes ☐ No

☐ **pH adjusted**– Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc –**Lot #(s)** _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: ____/____/03

Client contacted: ☐ Yes ☐ No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

SEVERN TRENT STL

Submission#: 2003-09-0997

ACC Environmental Consultants

October 03, 2003

7977 Capwell Drive, Suite 100
Oakland, CA 94621

Attn.: Dave DeMent

Project#: 6769-001.00
Project: 1636 Trestle Glen

Dear Mr. DeMent,

Attached is our report for your samples received on 09/26/2003 17:40
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 11/10/2003 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,

Vincent Vancil
Project Manager

SEVERN TRENT STL

Submission #: 2003-09-0997

Diesel

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
T1-V-9.0	09/25/2003 11:15	Soil	1

Diesel

ACC Environmental Consultants

Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**T1-V-9.0**	Lab ID:	2003-09-0997 - 1
Sampled:	09/25/2003 11:15	Extracted:	9/30/2003 11:52
Matrix:	Soil	QC Batch#:	2003/09/30-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4400	25	mg/Kg	25.00	10/02/2003 02:18	ndp
Surrogate(s)						
o-Terphenyl	NA	60-130	%	25.00	10/02/2003 02:18	sd

Diesel

ACC Environmental Consultants

Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Batch QC Report

Prep(s): 3550/8015M
Method Blank
MB: 2003/09/30-02.10-001

Soil

Test(s): 8015M
QC Batch # 2003/09/30-02.10
Date Extracted: 09/30/2003 11:52

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	09/30/2003 18:59	
Surrogates(s)					
o-Terphenyl	88.0	60-130	%	09/30/2003 18:59	

Diesel

ACC Environmental Consultants

Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2003/09/30-02.10**

LCS 2003/09/30-02.10-002 Extracted: 09/30/2003 Analyzed: 09/30/2003 19:29

LCSD 2003/09/30-02.10-003 Extracted: 09/30/2003 Analyzed: 09/30/2003 20:00

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	35.6	37.4	41.4	86.0	90.3	4.9	60-130	25		
Surrogates(s)										
o-Terphenyl	18.6	18.6	20.0	93.0	92.9		60-130	0		

Diesel

ACC Environmental Consultants
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Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

SEVERN TRENT STL

Submission #: 2003-09-0997

Gas/BTEX Compounds (High Level)

ACC Environmental Consultants

Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
T1-V-9.0	09/25/2003 11:15	Soil	1

SEVERN TRENT STL

Submission #: 2003-09-0997

Gas/BTEX Compounds (High Level)

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Prep(s): 5030
Sample ID: **T1-V-9.0**
Sampled: 09/25/2003 11:15
Matrix: Soil

Test(s): 8021B
Lab ID: 2003-09-0997 - 1
Extracted: 10/2/2003 11:41
QC Batch#: 2003/10/02-05.01

Analysis Flag: lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzene	ND	0.62	mg/Kg	1.00	10/03/2003 11:41	
Toluene	ND	0.62	mg/Kg	1.00	10/03/2003 11:41	
Ethyl benzene	ND	0.62	mg/Kg	1.00	10/03/2003 11:41	
Xylene(s)	ND	0.62	mg/Kg	1.00	10/03/2003 11:41	
Surrogate(s)						
Trifluorotoluene	129.2	53-125	%	1.00	10/03/2003 11:41	sh

Gas/BTEX Compounds (High Level)

ACC Environmental Consultants

Attn.: Dave DeMent

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Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Batch QC Report

Prep(s): 5030
Method Blank

Soil

Test(s): 8015M
QC Batch # 2003/10/02-05.01

MB: 2003/10/02-05.01-001

Date Extracted: 10/02/2003 07:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Benzene	ND	0.62	mg/Kg	10/02/2003 07:06	
Toluene	ND	0.62	mg/Kg	10/02/2003 07:06	
Ethyl benzene	ND	0.62	mg/Kg	10/02/2003 07:06	
Xylene(s)	ND	0.62	mg/Kg	10/02/2003 07:06	
Surrogates(s)					
Trifluorotoluene	100.8	53-125	%	10/02/2003 07:06	

SEVERN TRENT STL

Gas/BTEX Compounds (High Level)

ACC Environmental Consultants
Attn.: Dave DeMent

7977 Capwell Drive, Suite 100
Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike | **Soil** | **QC Batch # 2003/10/02-05.01**

LCS 2003/10/02-05.01-002 Extracted: 10/02/2003 Analyzed: 10/02/2003 10:39
LCSD 2003/10/02-05.01-003 Extracted: 10/02/2003 Analyzed: 10/02/2003 11:10

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	0.106	0.110	0.125	84.8	88.0	3.7	77-123	35		
Toluene	0.106	0.111	0.125	84.8	88.8	4.6	78-122	35		
Ethyl benzene	0.108	0.113	0.125	86.4	90.4	4.5	70-130	35		
Xylene(s)	0.327	0.338	0.375	87.2	90.1	3.3	75-125	35		
Surrogates(s)										
Trifluorotoluene	426	427	500	85.2	85.4		53-125	0		

Gas/BTEX Compounds (High Level)

ACC Environmental Consultants

Attn.: Dave DeMent

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Oakland, CA 94621
Phone: (510) 638-8400 Fax: (510) 638-8404

Project: 6769-001.00
1636 Trestle Glen

Received: 09/26/2003 17:40

Legend and Notes

Analysis Flag

lrn

Reporting limits raised due to high level of non-target analyte materials.

Result Flag

sh

Surrogate recovery was higher than QC limit due to matrix interference.

SEVERN TRENT SERVICES

STL San Francisco

Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: info@stl-inc.com

2003-09-0997

Reference #: 79213

Date Sept. 26, 2003 Page 1 of 1

Report To

Attn: DAVID DEMENT

Company: ACC ENVIRONMENTAL CONSULTANTS

Address: 7977 CAPWELL DRIVE, SUITE 100

Email: ddement@accenv.com

Bill To: TREVOR

Sampled By: Dave DeMent

Attn: TREVOR

Phone: (510) 638-8400 / 8404 FAX

Analysis Request

Sample ID	Date	Time	Mat rix	Pres erv.	TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	Purgeable Aromatics ☐ 8021 ☐ 8260B BTEX EPA - X 8021	TEPH EPA 8015M ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other:	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxygenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:	☐ W.E.T (STLC) ☐ TCLP	Hexavalent Chromium ☐ ☐ pH (24h hold time for H_2O)	☐ Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4		X Diesel			Number of Containers
T1-V-9.0	9/25/03	11:15	S	Cool		X																	X					1

Project Info.

Project Name: 1636 Trestle Glen

Project#: 6769-001.00

PO#:

Credit Card#:

Sample Receipt

of Containers:

Head Space:

Temp: 2.1°C

Conforms to record:

TAT: (Std 5 Day) 72h 48h 24h

Other:

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF ☐ Global ID

Special Instructions / Comments:

Sample has odor + discoloration. Previous Analysis reported 700ppm TPHd, ND BTEX (Submission 09-390) Expect similar results!

1) Relinquished by:

Signature Time

DAVID DEMENT 9/26/03

Printed Name Date

ACC ENVIRONMENTAL

Company

1) Received by:

Signature 1155 Time

Printed Name 9/26/03 Date

STL SF

Company

2) Relinquished by:

Signature 1740 Time

Printed Name 9/26/03 Date

STL-SF

Company

2) Received by:

Signature Time

Printed Name Date

Company

3) Relinquished by:

Signature Time

Printed Name Date

Company

3) Received by:

Signature 1740 Time

Printed Name 9/26/03 Date

STL-SF

Company

Rev 09/02