

Jeffrey Eandi
Eandi Metal Works
976 23rd Avenue
Oakland CA 94606

Ro 29 ✓

15 December 2004

Project No. P279

Letter Report
Sample and Backfill Former Tank Excavation
2440 East Eleventh Street
Oakland CA

Alameda County
DEC 23 2004
E. W. ...

Dear Mr. Eandi:

This letter report describes soil sampling, backfilling, and repaving activities associated with a former excavation to remove an underground tank at the subject property (Figures 1-4).

BACKGROUND

A chronology regarding the former 1,000-gallon underground gasoline tank is presented in Table 1.

Eandi Metal Works formerly operated three underground tanks. In May 1992, the three underground tanks were removed. Two of the tanks were removed with nondetectable or insignificant levels of contamination, with no further action required by Alameda County Health Care Services. These two tanks were located at the main Eandi property on Twenty-Third Avenue.

The third tank, a 1,000-gallon underground gasoline tank, was removed from an area immediately outside the northeast corner of the building at 2440 East Eleventh Street. TPH-gasoline, benzene, toluene, ethylbenzene, xylenes, and lead were detected in soil from this excavation. The soil was spread nearby the excavation and allowed to aerate for approximately 9 months. The aerated soil was then replaced in the excavation and trench plates were placed over the top of the excavation. The trench plates covered approximately 2 feet of void space (which accounted for the volume of the tank).

In July 1995, five soil borings were drilled in the vicinity of the former tank. Three of the borings were completed as monitoring wells (MW1, MW2, and MW3). Two of the borings were within the previous tank excavation (E-1 and E-2) (Table 2, Figure 4).

Alameda County Health Care Services subsequently mandated additional investigation prior to closing the tank excavation. Streamborn prepared a workplan, dated 21 January 2003, outlining

a plan for sampling, backfilling, and repaving activities. The workplan was approved by the Alameda County Health Care Services in a letter dated 11 December 2003.

EXCAVATION CLOSURE

Soil Sampling and Testing

On 9 June 2004, the trench plates were removed. Using a backhoe, we first excavated through the center of the excavation until native soil was encountered (at a depth of ± 8 -feet). A sample was collected from the base of the excavation using the bucket of the backhoe.

Sidewall samples were collected in a similar manner. The backhoe excavated soil away from each sidewall until native soil was exposed. Samples were collected at a depth of approximately 5-feet below ground surface.

Samples from the southwest and northwest sidewalls were collected from the approximate midpoint of the sidewall. The two other sidewall samples were collected from accessible locations, given constraints of the adjacent building, sidewalk, and street, along with encountered caving soil conditions.

Figure 4 shows the sample locations.

Soil samples were analyzed for TPH-diesel, TPH-kerosene, TPH-stoddard solvent, TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260), and total lead. Sample results were nondetect except for total lead (Table 2). Total lead was measured at concentrations indicative of background conditions.

Groundwater was not encountered in the excavation at the time of sampling.

Backfill

On 17 September 2004, soil was re-excavated using a backhoe. The limits of the September 2004 excavation approximately corresponded to the limits of the original tank removal excavation, with some enlargement due to caving. The excavated soil was too wet for immediate replacement and compaction. The excavated soil was spread nearby the excavation and allowed to air-dry for 5 days.

On 22 September 2004, the sidewalk overhanging portions of the excavation was removed and placed in the bottom of the excavation. The excavation was then backfilled using the air-dried soil. The soil was placed in approximate 2-foot lifts and compacted using a whacker. The compacted grade was approximately 14 inches below finish grade.

Repaving

Six inches of imported Class II aggregate base was placed and compacted in the excavation. Reinforcing steel (#5 rebar on 12-inch centers) was placed over the compacted aggregate base.

Eight inches of concrete was placed to reconstruct the pavement and sidewalk. Repaving was performed on 23 September 2004.

BIBLIOGRAPHY

AGI (1995). *Monitoring Well Installations and Quarterly Groundwater Monitoring, Eandi Metal Works, Oakland, CA*. Prepared for Eandi Metal Works, Oakland CA. Prepared by AGI Technologies, Bellevue WA.

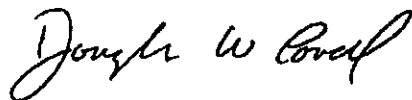
ACHCS (2003). *Fuel Leak Case # RO0000029 - 976 23rd Avenue, Oakland, CA 94606*. Correspondence to Jeffrey Eandi, Eandi Metal Works, Oakland CA. Correspondence from Amir K. Gholami, Alameda County Health Care Services, Alameda CA. 11 December 2003.

Streamborn (2003). *Workplan, Sampling, Testing, and Backfilling of Tank Excavation, 2440 East Eleventh Street, Oakland CA*. Prepared for Amir K. Gholami, Alameda County Health Care Services, Alameda CA. Prepared by Streamborn, Berkeley CA. 21 January 2003.

Please contact us with any questions or comments.

Sincerely,

STREAMBORN



Douglas W. Lovell, PE
Geoenvironmental Engineer



cc: Amir Gholami/Alameda County Health Services, Alameda CA

Table 1
Environmental Chronology
2440 East Eleventh Street
Oakland CA

Date	Performed By	Event
Unknown	Unknown	<ul style="list-style-type: none"> • 1,000-gallon underground leaded gasoline tank installed.
15 August 1991	Eandi Metal Works	<ul style="list-style-type: none"> • The 1,000-gallon tank was emptied of product. Use of the tank was discontinued
11 May 1992	Unknown	<ul style="list-style-type: none"> • The 1,000-gallon tank was removed. • Contamination was discovered.
10 July 1995	AGI Technologies	<ul style="list-style-type: none"> • Five soil borings were drilled. Soil samples were collected and analyzed for TPH-gasoline, BTEX, MtBE (EPA Method 8020), and total metals. • Three of the borings were completed as monitoring wells (MW-1, MW-2, and MW-3) • Water levels were measured in wells MW-1, MW-2, and MW-3. • MW-1, MW-2, and MW-3 were developed and groundwater samples were collected. Samples were analyzed for TPH-gasoline, BTEX, MtBE (EPA Method 8020), and total lead. • Elevation survey was conducted for MW-1, MW-2, and MW-3.
17 July 1995	AGI Technologies	<ul style="list-style-type: none"> • Groundwater levels were measured in MW-1, MW-2, and MW-3. • Groundwater samples were collected from MW-1, MW-2, and MW-3. Samples were analyzed for TPH-gasoline, BTEX, MtBE (EPA Method 8020), and total lead
20 October 1995	AGI Technologies	<ul style="list-style-type: none"> • Groundwater levels were measured in MW-1, MW-2, and MW-3. • Groundwater samples were collected from MW-1, MW-2, and MW-3. Samples were analyzed for TPH-gasoline, BTEX, and total lead.
25 January 1996	AGI Technologies	<ul style="list-style-type: none"> • Groundwater levels were measured in MW-1, MW-2, and MW-3. • Groundwater samples were collected from MW-1, MW-2, and MW-3. Samples were analyzed for TPH-gasoline, BTEX, MtBE (EPA Method 8020), and total lead
25 April 1996	AGI Technologies	<ul style="list-style-type: none"> • Groundwater levels were measured in MW-1, MW-2, and MW-3. • Groundwater samples were collected from MW-1, MW-2, and MW-3. Samples were analyzed for TPH-gasoline, BTEX, MtBE (EPA Method 8020), and total lead
11 - 12 June 2001	Kleinfelder	<ul style="list-style-type: none"> • Groundwater levels were measured in MW-1, MW-2, and MW-3. • Groundwater samples were collected from MW-1, MW-2, and MW-3. Samples were analyzed for TPH-gasoline, BTEX, and total lead.
5 February 2002	Kleinfelder	<ul style="list-style-type: none"> • Groundwater levels were measured in MW-1, MW-2, and MW-3. • Groundwater samples were collected from MW-1, MW-2, and MW-3. Samples were analyzed for TPH-gasoline, BTEX, MtBE (EPA Method 8020), and total lead
9 June 2004	Streamborn	<ul style="list-style-type: none"> • Using a backhoe, the excavation for the former tank was partially excavated. • Soil samples were collected from the base (7.5-8 feet below ground surface) and each of the four sidewalls (5-5.5 feet below ground surface) by exposing native soil and driving a 6-inch diameter brass liner into the soil. • Soil samples were laboratory analyzed for TPH-diesel/kerosene/stoddard solvent, TPH-gasoline/BTEX/fuel oxygenates (EPA Method 8260), and total lead
17-23 September 2004	Streamborn	<ul style="list-style-type: none"> • Using a backhoe, the excavation for the former tank was completely excavated. The excavated soil was air-dried and replaced in ±2-foot lifts. Each lift was compacted using a whacker. Six-inches of Class II aggregate base was placed on top of the soil • The pavement and sidewalk were repaved with reinforced concrete. The concrete thickness was 8 inches. The reinforcement was #5 rebar on 12-inch centers

General Notes

- (a) AGI Technologies = AGI Technologies (Bellevue WA).
- (b) Kleinfelder = Kleinfelder (Oakland CA).
- (c) TPH-gasoline = total petroleum hydrocarbons as gasoline.
- (d) BTEX = benzene, toluene, xylenes, and total xylenes.
- (e) MtBE = methyl tert-butyl ether.
- (f) Streamborn = Streamborn (Berkeley CA)

Table 2
Soil Analytical Data
2440 East Eleventh Street
Oakland CA

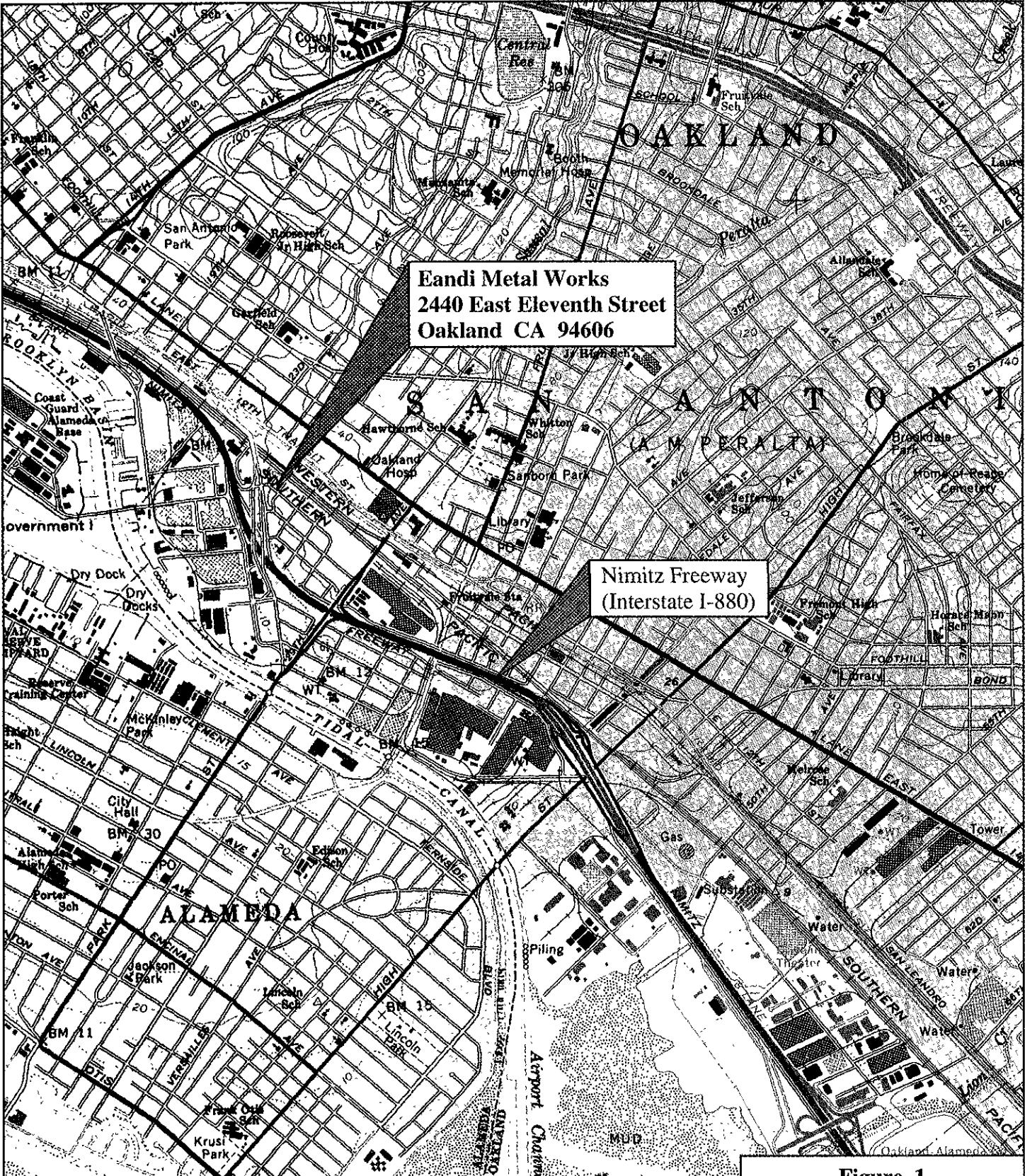
Location	Sample Date	Sample Type	Sample Depth (feet)	TPH-Diesel (mg/kg)	TPH-Kerosene (mg/kg)	TPH-Stoddard Solvent (mg/kg)	TPH-Gasoline (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Fuel Oxygenates (EPA Method 8260) (mg/kg)	Total Lead (mg/kg)
E-1	10 July 1995	Grab (liner)	6	NM	NM	NM	<0.5	<0.005	<0.005	<0.005	<0.005	MtBE = <0.005 ⁽¹⁾	15.9
			12.5	NM	NM	NM	1.4	0.058	0.15	0.059	0.30	MtBE = 0.017 ⁽¹⁾	10.5
E-2	10 July 1995	Grab (liner)	12.5	NM	NM	NM	<0.5	<0.005	<0.005	<0.005	<0.005	MtBE = <0.005 ⁽¹⁾	12.8
Base	9 June 2004	Grab (liner)	7.5-8	<1	<1	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005 to <0.01	43
Sidewall NW	9 June 2004	Grab (liner)	5-5.5	<1	<1	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005 to <0.01	5.5
Sidewall NE	9 June 2004	Grab (liner)	5-5.5	<1	<1	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005 to <0.01	22
Sidewall SW	9 June 2004	Grab (liner)	5-5.5	<1	<1	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005 to <0.01	7.9
Sidewall SE	9 June 2004	Grab (liner)	5-5.5	<1	<1	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005 to <0.01	42

General Notes

- (a) TPH = total petroleum hydrocarbons. MtBE = methyl tert-butyl ether.
- (b) 10 July 1995 samples collected by AGI Technologies (Bellevue WA); remaining samples collected by Streamborn (Berkeley CA).
- (c) 10 July 1995 samples analyzed by Anamatrix Laboratories (San Jose CA); remaining samples analyzed by STL San Francisco (Pleasanton CA)
- (d) Depth measured from adjacent ground or pavement surface.

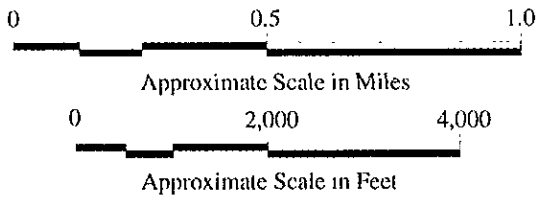
Footnote

- (1) For the 10 July 1995 samples, MtBE was analyzed by EPA Method 8020 and other fuel oxygenates were not analyzed for



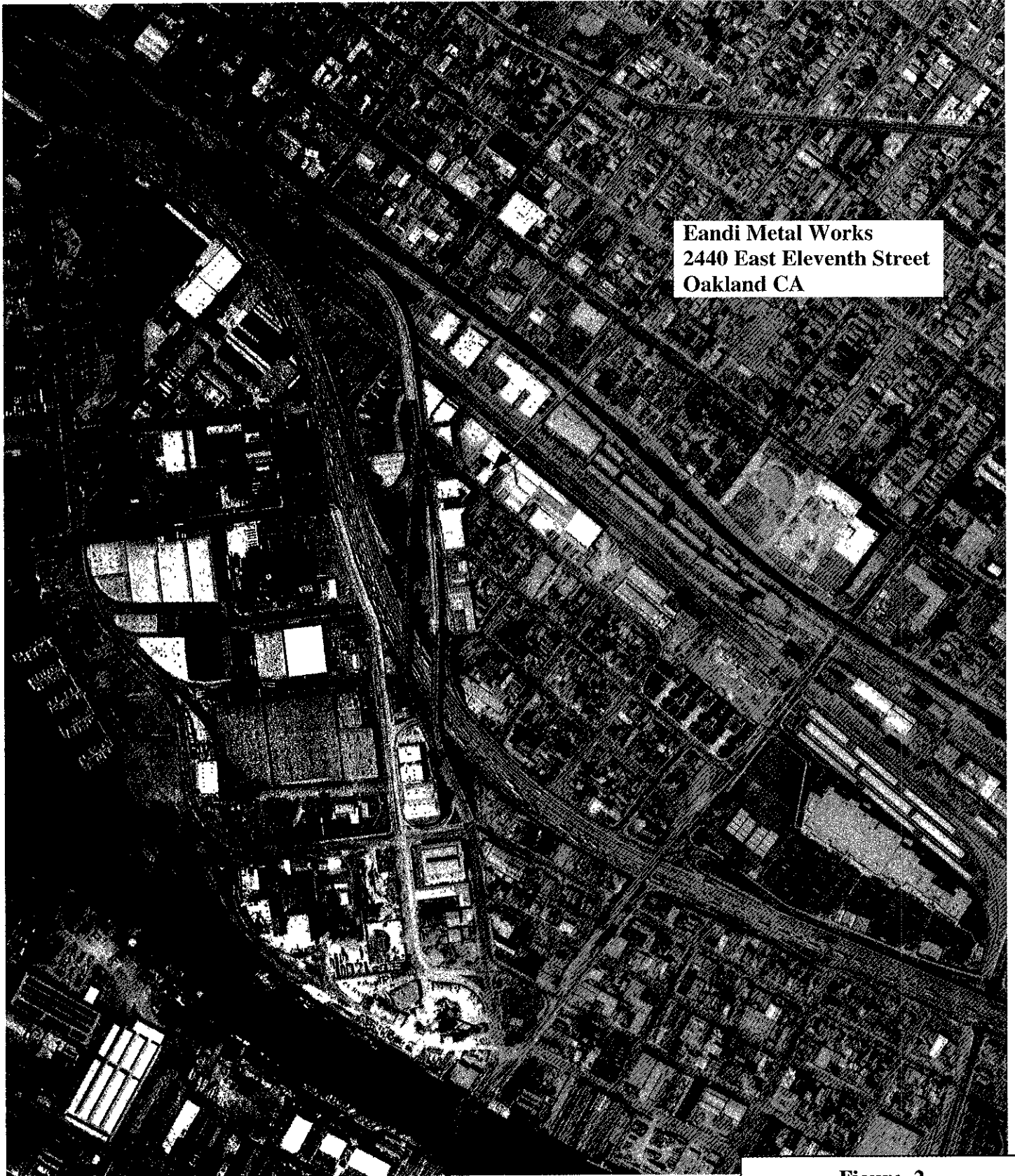
Eandi Metal Works
 2440 East Eleventh Street
 Oakland CA 94606

Nimitz Freeway
 (Interstate I-880)



Basemap: U.S. Geological Survey, 7.5 Minute
 Quadrangle, Oakland East CA.
 1959 (Photorevised 1980)

Figure 1
Location Map
 2440 East Eleventh Street
 Oakland CA



**Eandi Metal Works
2440 East Eleventh Street
Oakland CA**



0 100 200



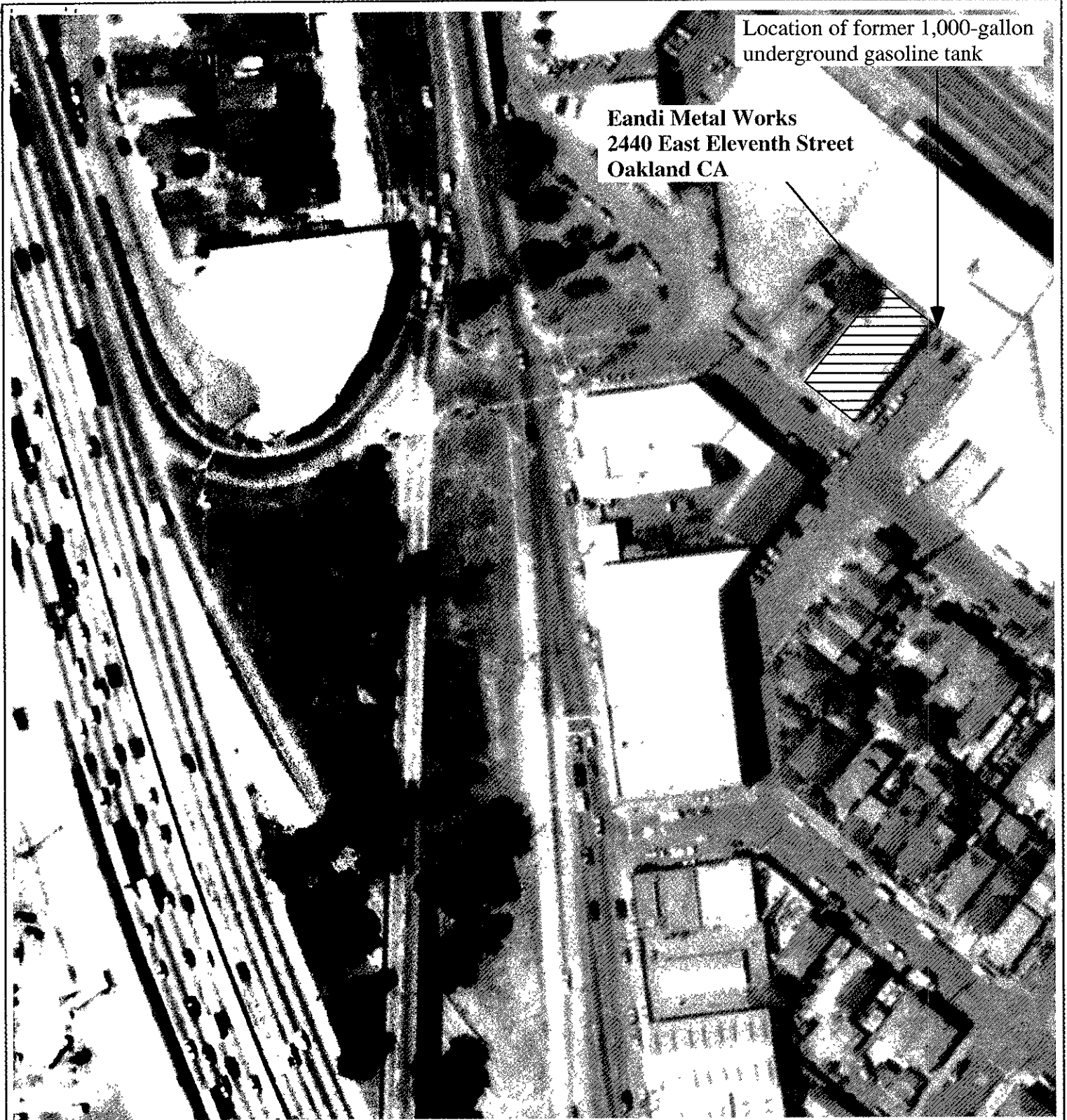
Approximate Scale in Feet

Basemap: Aerial photograph, flown 24 August 1998, photograph number ALA-AV-6100-11-38, original scale 1:12,000. Pacific Aerial Surveys, Oakland CA

Figure 2

Vicinity Map

**2440 East Eleventh Street
Oakland CA**



0 100 200



Approximate Scale in Feet

Basemap: Aerial photograph, flown 24 August 1998, photograph number ALA-AV-6100-11-38, original scale 1:12,000. Pacific Aerial Surveys, Oakland CA

Figure 3

Site Plan

**2440 East Eleventh Street
Oakland CA**

STREAMBORN

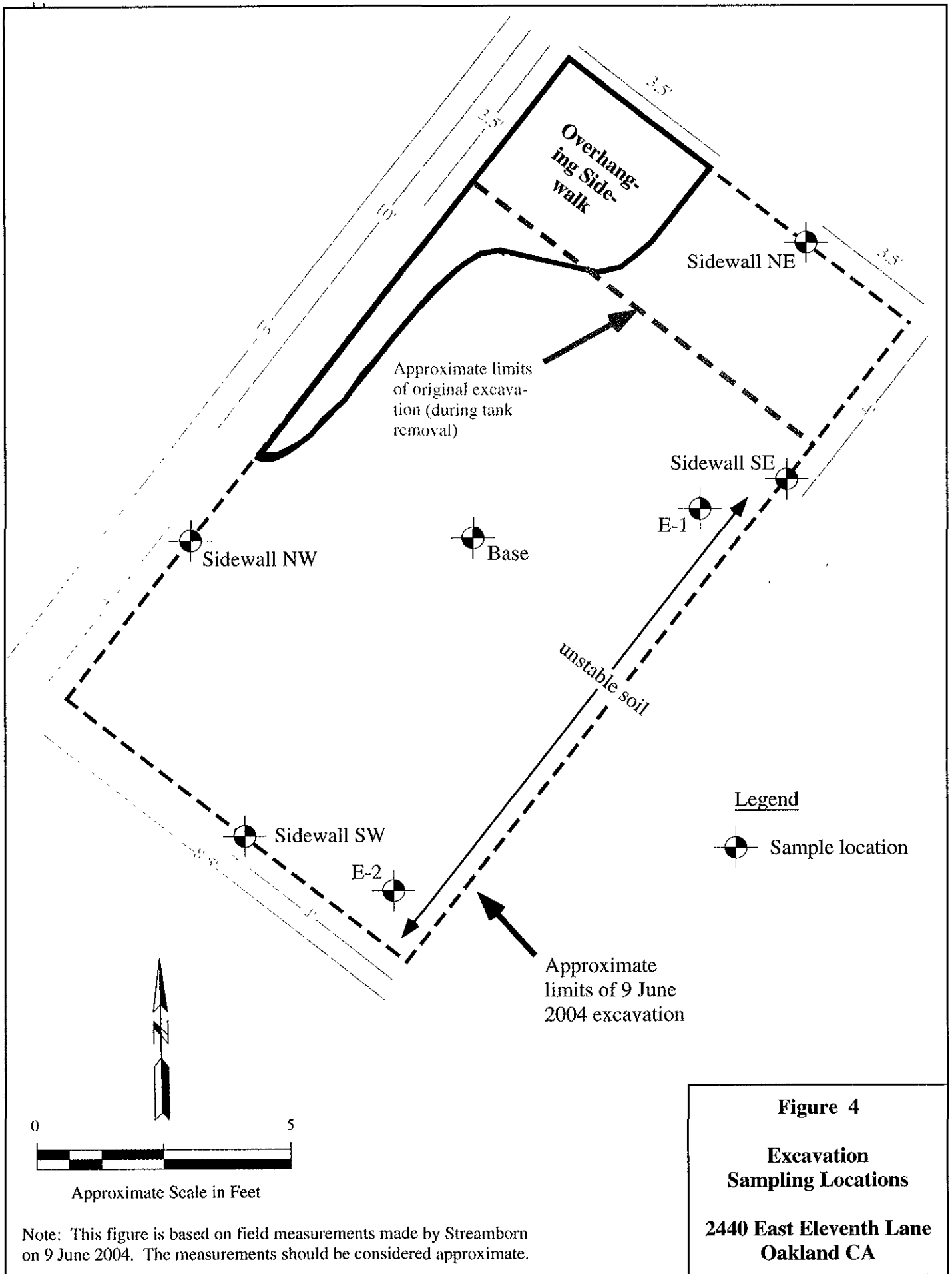


Figure 4
Excavation
Sampling Locations
2440 East Eleventh Lane
Oakland CA

ATTACHMENT 1

Laboratory Analytical Data
and Chain-of-Custody Forms

Streamborn Consulting Services

June 24, 2004

900 Sante Fe Avenue

Albany, CA 94706

Attn.: Matthew Hall

Project#: P279

Project: 2440 East Eleventh Street

Site: 2440 East Eleventh Street, Oakland, CA

Attached is our report for your samples received on 06/10/2004 16:15

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 07/25/2004 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: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Total Lead

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
Sidewall NW (5-5.5)	06/09/2004 13:40	Soil	1
Sidewall NE (5-5.5)	06/09/2004 13:10	Soil	2
Sidewall SW (5-5.5)	06/09/2004 12:40	Soil	3
Sidewall SE (5-5.5)	06/09/2004 13:00	Soil	4
Base (7.5-8)	06/09/2004 12:25	Soil	5

Total Lead

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s):	3050B	Test(s):	6010B
Sample ID:	Sidewall NW (5-5.5)	Lab ID:	2004-06-0378 - 1
Sampled:	06/09/2004 13:40	Extracted:	6/11/2004 14:18
Matrix:	Soil	QC Batch#:	2004/06/11-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	5.5	1.0	mg/Kg	1.00	06/12/2004 00:06	

Total Lead

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 3050B	Test(s): 6010B
Sample ID: Sidewall NE (5-5.5)	Lab ID: 2004-06-0378 - 2
Sampled: 06/09/2004 13:10	Extracted: 6/11/2004 14:18
Matrix: Soil	QC Batch#: 2004/06/11-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	22	1.0	mg/Kg	1.00	06/12/2004 00:09	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

06/23/2004 08:06

Total Lead

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 3050B	Test(s): 6010B
Sample ID: Sidewall SW (5-5.5)	Lab ID: 2004-06-0378 - 3
Sampled: 06/09/2004 12:40	Extracted: 6/11/2004 14:18
Matrix: Soil	QC Batch#: 2004/06/11-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	7.9	1.0	mg/Kg	1.00	06/12/2004 00:13	

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STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

06/23/2004 08:06

Total Lead

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 3050B	Test(s): 6010B
Sample ID: Sidewall SE (5-5.5)	Lab ID: 2004-06-0378 - 4
Sampled: 06/09/2004 13:00	Extracted: 6/11/2004 14:18
Matrix: Soil	QC Batch#: 2004/06/11-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	42	1.0	mg/Kg	1.00	06/12/2004 00:16	

Total Lead

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 3050B	Test(s): 6010B
Sample ID: Base (7.5-8)	Lab ID: 2004-06-0378 - 5
Sampled: 06/09/2004 12:25	Extracted: 6/11/2004 14:18
Matrix: Soil	QC Batch#: 2004/06/11-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	43	1.0	mg/Kg	1.00	06/12/2004 00:20	

Total Lead

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Batch QC Report

Prep(s): 3050B

Method Blank

MB: 2004/06/11-04,15-125

Soil

Test(s): 6010B

QC Batch # 2004/06/11-04.15

Date Extracted: 06/11/2004 14:18

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	06/11/2004 22:19	

Total Lead

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike

Soil

QC Batch # 2004/06/11-04.15

LCS 2004/06/11-04.15-126

Extracted: 06/11/2004

Analyzed: 06/11/2004 22:24

LCSD 2004/06/11-04.15-127

Extracted: 06/11/2004

Analyzed: 06/11/2004 22:28

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	98.5	97.8	100.0	98.5	97.8	0.7	80-120	20		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

06/23/2004 08:06

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
Sidewall NW (5-5.5)	06/09/2004 13:40	Soil	1
Sidewall NE (5-5.5)	06/09/2004 13:10	Soil	2
Sidewall SW (5-5.5)	06/09/2004 12:40	Soil	3
Sidewall SE (5-5.5)	06/09/2004 13:00	Soil	4
Base (7.5-8)	06/09/2004 12:25	Soil	5

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

06/23/2004 16:34

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 5030B Test(s): 8260B
 Sample ID: Sidewall NW (5-5.5) Lab ID: 2004-06-0378 - 1
 Sampled: 06/09/2004 13:40 Extracted: 6/16/2004 16:09
 Matrix: Soil QC Batch#: 2004/06/16-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/16/2004 16:09	
tert-Butyl alcohol (TBA)	ND	10	ug/Kg	1.00	06/16/2004 16:09	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/16/2004 16:09	
Di-isopropyl Ether (DIPE)	ND	10	ug/Kg	1.00	06/16/2004 16:09	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/Kg	1.00	06/16/2004 16:09	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/Kg	1.00	06/16/2004 16:09	
Benzene	ND	5.0	ug/Kg	1.00	06/16/2004 16:09	
Toluene	ND	5.0	ug/Kg	1.00	06/16/2004 16:09	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/16/2004 16:09	
Total xylenes	ND	5.0	ug/Kg	1.00	06/16/2004 16:09	
Surrogate(s)						
1,2-Dichloroethane-d4	110.5	72-124	%	1.00	06/16/2004 16:09	
Toluene-d8	111.8	75-116	%	1.00	06/16/2004 16:09	

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: Sidewall NE (5-5.5)	Lab ID: 2004-06-0378 - 2
Sampled: 06/09/2004 13:10	Extracted: 6/16/2004 11:53
Matrix: Soil	QC Batch#: 2004/06/16-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/16/2004 11:53	
tert-Butyl alcohol (TBA)	ND	10	ug/Kg	1.00	06/16/2004 11:53	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/16/2004 11:53	
Di-isopropyl Ether (DIPE)	ND	10	ug/Kg	1.00	06/16/2004 11:53	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/Kg	1.00	06/16/2004 11:53	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/Kg	1.00	06/16/2004 11:53	
Benzene	ND	5.0	ug/Kg	1.00	06/16/2004 11:53	
Toluene	ND	5.0	ug/Kg	1.00	06/16/2004 11:53	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/16/2004 11:53	
Total xylenes	ND	5.0	ug/Kg	1.00	06/16/2004 11:53	
Surrogate(s)						
1,2-Dichloroethane-d4	101.4	72-124	%	1.00	06/16/2004 11:53	
Toluene-d8	103.6	75-116	%	1.00	06/16/2004 11:53	

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

06/23/2004 16:34

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Matthew Hall

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 5030B Test(s): 8260B
 Sample ID: Sidewall SW (5-5.5) Lab ID: 2004-06-0378 - 3
 Sampled: 06/09/2004 12:40 Extracted: 6/16/2004 00:02
 Matrix: Soil QC Batch#: 2004/06/15-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/16/2004 00:02	
tert-Butyl alcohol (TBA)	ND	10	ug/Kg	1.00	06/16/2004 00:02	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/16/2004 00:02	
Di-isopropyl Ether (DIPE)	ND	10	ug/Kg	1.00	06/16/2004 00:02	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/Kg	1.00	06/16/2004 00:02	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/Kg	1.00	06/16/2004 00:02	
Benzene	ND	5.0	ug/Kg	1.00	06/16/2004 00:02	
Toluene	ND	5.0	ug/Kg	1.00	06/16/2004 00:02	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/16/2004 00:02	
Total xylenes	ND	5.0	ug/Kg	1.00	06/16/2004 00:02	
Surrogate(s)						
1,2-Dichloroethane-d4	118.1	72-124	%	1.00	06/16/2004 00:02	
Toluene-d8	100.4	75-116	%	1.00	06/16/2004 00:02	

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Fuel Oxygenates by 8260B

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Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: Sidewall SE (5-5.5)	Lab ID: 2004-06-0378 - 4
Sampled: 06/09/2004 13:00	Extracted: 6/16/2004 00:58
Matrix: Soil	QC Batch#: 2004/06/15-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/16/2004 00:58	
tert-Butyl alcohol (TBA)	ND	10	ug/Kg	1.00	06/16/2004 00:58	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/16/2004 00:58	
Di-isopropyl Ether (DIPE)	ND	10	ug/Kg	1.00	06/16/2004 00:58	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/Kg	1.00	06/16/2004 00:58	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/Kg	1.00	06/16/2004 00:58	
Benzene	ND	5.0	ug/Kg	1.00	06/16/2004 00:58	
Toluene	ND	5.0	ug/Kg	1.00	06/16/2004 00:58	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/16/2004 00:58	
Total xylenes	ND	5.0	ug/Kg	1.00	06/16/2004 00:58	
Surrogate(s)						
1,2-Dichloroethane-d4	119.5	72-124	%	1.00	06/16/2004 00:58	
Toluene-d8	113.9	75-116	%	1.00	06/16/2004 00:58	

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Fuel Oxygenates by 8260B

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Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	Base (7.5-8)	Lab ID:	2004-06-0378 - 5
Sampled:	06/09/2004 12:25	Extracted:	6/16/2004 01:16
Matrix:	Soil	QC Batch#:	2004/06/15-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	06/16/2004 01:16	
tert-Butyl alcohol (TBA)	ND	10	ug/Kg	1.00	06/16/2004 01:16	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	1.00	06/16/2004 01:16	
Di-isopropyl Ether (DIPE)	ND	10	ug/Kg	1.00	06/16/2004 01:16	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/Kg	1.00	06/16/2004 01:16	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/Kg	1.00	06/16/2004 01:16	
Benzene	ND	5.0	ug/Kg	1.00	06/16/2004 01:16	
Toluene	ND	5.0	ug/Kg	1.00	06/16/2004 01:16	
Ethyl benzene	ND	5.0	ug/Kg	1.00	06/16/2004 01:16	
Total xylenes	ND	5.0	ug/Kg	1.00	06/16/2004 01:16	
Surrogate(s)						
1,2-Dichloroethane-d4	115.9	72-124	%	1.00	06/16/2004 01:16	
Toluene-d8	108.7	75-116	%	1.00	06/16/2004 01:16	

Fuel Oxygenates by 8260B

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Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/06/15-02.69-010

Soil

Test(s): 8260B

QC Batch # 2004/06/15-02.69

Date Extracted: 06/15/2004 20:10

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	06/15/2004 20:10	
tert-Butyl alcohol (TBA)	ND	10.0	ug/Kg	06/15/2004 20:10	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	06/15/2004 20:10	
Di-isopropyl Ether (DIPE)	ND	10.0	ug/Kg	06/15/2004 20:10	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/Kg	06/15/2004 20:10	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/Kg	06/15/2004 20:10	
Benzene	ND	5.0	ug/Kg	06/15/2004 20:10	
Toluene	ND	5.0	ug/Kg	06/15/2004 20:10	
Ethyl benzene	ND	5.0	ug/Kg	06/15/2004 20:10	
Total xylenes	ND	5.0	ug/Kg	06/15/2004 20:10	
Surrogates(s)					
1,2-Dichloroethane-d4	115.6	72-124	%	06/15/2004 20:10	
Toluene-d8	111.4	75-116	%	06/15/2004 20:10	

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Fuel Oxygenates by 8260B

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Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/06/16-01.69-021

Soil

Test(s): 8260B

QC Batch # 2004/06/16-01.69

Date Extracted: 06/16/2004 07:21

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	06/16/2004 07:21	
tert-Butyl alcohol (TBA)	ND	10.0	ug/Kg	06/16/2004 07:21	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	06/16/2004 07:21	
Di-isopropyl Ether (DIPE)	ND	10.0	ug/Kg	06/16/2004 07:21	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/Kg	06/16/2004 07:21	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/Kg	06/16/2004 07:21	
Benzene	ND	5.0	ug/Kg	06/16/2004 07:21	
Toluene	ND	5.0	ug/Kg	06/16/2004 07:21	
Ethyl benzene	ND	5.0	ug/Kg	06/16/2004 07:21	
Total xylenes	ND	5.0	ug/Kg	06/16/2004 07:21	
Surrogates(s)					
1,2-Dichloroethane-d4	118.2	72-124	%	06/16/2004 07:21	
Toluene-d8	107.5	75-116	%	06/16/2004 07:21	

Fuel Oxygenates by 8260B

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Project: P279
2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/06/15-02.69

LCS 2004/06/15-02.69-034

Extracted: 06/15/2004

Analyzed: 06/15/2004 19:34

LCSD 2004/06/15-02.69-052

Extracted: 06/15/2004

Analyzed: 06/15/2004 19:52

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	48.8	47.8	50.0	97.6	95.6	2.1	65-165	20		
Benzene	60.0	52.8	50.0	120.0	105.6	12.8	69-129	20		
Toluene	58.2	56.2	50.0	116.4	112.4	3.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	536	534	500	107.2	106.8		72-124			
Toluene-d8	551	559	500	110.2	111.8		75-116			

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Fuel Oxygenates by 8260B

Streamborn Consulting Services

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Project: P279
2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/06/16-01.69

LCS 2004/06/16-01.69-044

Extracted: 06/16/2004

Analyzed: 06/16/2004 06:44

LCSD 2004/06/16-01.69-022

Extracted: 06/16/2004

Analyzed: 06/16/2004 10:21

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	58.0	51.5	50.0	116.0	103.0	11.9	65-165	20		
Benzene	59.2	54.4	50.0	118.4	108.8	8.5	69-129	20		
Toluene	60.7	56.1	50.0	121.4	112.2	7.9	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	551	521	500	110.2	104.2		72-124			
Toluene-d8	560	545	500	112.0	109.0		75-116			

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Fuel Oxygenates by 8260B

Streamborn Consulting Services

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Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/06/15-02.69

Sidewall SW (5-5.5) >> MS

Lab ID: 2004-06-0378 - 003

MS: 2004/06/15-02.69-021

Extracted: 06/16/2004

Analyzed: 06/16/2004 00:21

Dilution: 1.00

MSD: 2004/06/15-02.69-039

Extracted: 06/16/2004

Analyzed: 06/16/2004 00:39

Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	60.4	58.3	ND	45.0	134.2	130.7	2.6	65-165	20		
Benzene	54.3	50.2	ND	45.0	120.7	112.6	6.9	69-129	20		
Toluene	53.3	60.0	ND	45.0	118.4	134.5	12.7	70-130	20		RPD
Surrogate(s)											
1,2-Dichloroethane-d4	679	665		500	135.8	133.0		72-124		sh	sh
Toluene-d8	588	660		500	117.6	132.0		75-116		sh	sh

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06/23/2004 16:34

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

Attn.: Matthew Hall

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Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
Sidewall NW (5-5.5)	06/09/2004 13:40	Soil	1
Sidewall NE (5-5.5)	06/09/2004 13:10	Soil	2
Sidewall SW (5-5.5)	06/09/2004 12:40	Soil	3
Sidewall SE (5-5.5)	06/09/2004 13:00	Soil	4
Base (7.5-8)	06/09/2004 12:25	Soil	5

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06/23/2004 15:19

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

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Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 3550/8015M Test(s): 8015M
 Sample ID: **Sidewall NW (5-5.5)** Lab ID: 2004-06-0378 - 1
 Sampled: 06/09/2004 13:40 Extracted: 6/18/2004 07:49
 Matrix: Soil QC Batch#: 2004/06/18-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	06/19/2004 01:42	
Kerosene	ND	1.0	mg/Kg	1.00	06/19/2004 01:42	
Stoddard solvent	ND	1.0	mg/Kg	1.00	06/19/2004 01:42	
Surrogate(s)						
o-Terphenyl	85.0	60-130	%	1.00	06/19/2004 01:42	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: Sidewall NE (5-5.5)	Lab ID: 2004-06-0378 - 2
Sampled: 06/09/2004 13:10	Extracted: 6/18/2004 07:49
Matrix: Soil	QC Batch#: 2004/06/18-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	06/19/2004 01:14	
Kerosene	ND	1.0	mg/Kg	1.00	06/19/2004 01:14	
Stoddard solvent	ND	1.0	mg/Kg	1.00	06/19/2004 01:14	
Surrogate(s)						
o-Terphenyl	84.7	60-130	%	1.00	06/19/2004 01:14	

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Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services
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Project: P279
2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: Sidewall SW (5-5.5)	Lab ID: 2004-06-0378 - 3
Sampled: 06/09/2004 12:40	Extracted: 6/18/2004 07:49
Matrix: Soil	QC Batch#: 2004/06/18-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	06/19/2004 00:47	
Kerosene	ND	1.0	mg/Kg	1.00	06/19/2004 00:47	
Stoddard solvent	ND	1.0	mg/Kg	1.00	06/19/2004 00:47	
Surrogate(s)						
o-Terphenyl	83.0	60-130	%	1.00	06/19/2004 00:47	

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

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Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 3550/8015M Test(s): 8015M
 Sample ID: **Sidewall SE (5-5.5)** Lab ID: 2004-06-0378 - 4
 Sampled: 06/09/2004 13:00 Extracted: 6/18/2004 07:49
 Matrix: Soil QC Batch#: 2004/06/18-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	06/19/2004 00:19	
Kerosene	ND	1.0	mg/Kg	1.00	06/19/2004 00:19	
Stoddard solvent	ND	1.0	mg/Kg	1.00	06/19/2004 00:19	
Surrogate(s)						
o-Terphenyl	92.9	60-130	%	1.00	06/19/2004 00:19	

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

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Project: P279

2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: Base (7.5-8)	Lab ID: 2004-06-0378 - 5
Sampled: 06/09/2004 12:25	Extracted: 6/18/2004 07:49
Matrix: Soil	QC Batch#: 2004/06/18-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	06/18/2004 23:51	
Kerosene	ND	1.0	mg/Kg	1.00	06/18/2004 23:51	
Stoddard solvent	ND	1.0	mg/Kg	1.00	06/18/2004 23:51	
Surrogate(s)						
o-Terphenyl	83.5	60-130	%	1.00	06/18/2004 23:51	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P279
2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Batch QC Report

Prep(s): 3550/8015M

Method Blank

MB: 2004/06/18-03.10-001

Soil

Test(s): 8015M

QC Batch # 2004/06/18-03.10

Date Extracted: 06/18/2004 07:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	06/18/2004 14:08	
Kerosene	ND	1	mg/Kg	06/18/2004 14:08	
Stoddard solvent	ND	1	mg/Kg	06/18/2004 14:08	
Surrogates(s) o-Terphenyl	93.9	60-130	%	06/18/2004 14:08	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: P279
2440 East Eleventh Street

Received: 06/10/2004 16:15

Site: 2440 East Eleventh Street, Oakland, CA

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2004/06/18-03.10

LCS 2004/06/18-03.10-002

Extracted: 06/18/2004

Analyzed: 06/18/2004 14:36

LCSD 2004/06/18-03.10-003

Extracted: 06/18/2004

Analyzed: 06/18/2004 15:04

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	34.6	36.5	41.5	83.4	88.0	5.4	60-130	25		
Surrogates(s) o-Terphenyl	18.4	18.2	20.0	92.0	91.0		60-130	0		

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06/23/2004 15:19

STL San Francisco

Sample Receipt Checklist

Submission #: 2004-06 - 0378

Checklist completed by: (initials) JMM Date: 06/11/04

Courier name: [X] STL San Francisco [] Client

Custody seals intact on shipping container/samples Yes No Not Present [X]

Chain of custody present? Yes [X] No

Chain of custody signed when relinquished and received? Yes [X] No

Chain of custody agrees with sample labels? Yes [X] No

Samples in proper container/bottle? Yes [X] No

Sample containers intact? Yes [X] No

Sufficient sample volume for indicated test? Yes [X] No

All samples received within holding time? Yes [X] No

Container/Temp Blank temperature in compliance (4° C ± 2)? Temp: 6 °C Yes [X] No

Ice Present Yes [X] No

Water - VOA vials have zero headspace? No VOA vials submitted [X] 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))

SOL

Water - pH acceptable upon receipt? [] Yes [] No

[] pH adjusted-- Preservative used: [] HNO3 [] HCl [] H2SO4 [] 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: / /04

Client contacted: [] Yes [] No

Summary of discussion:

Corrective Action (per PM/Client):

2004-06-0378

STREAMBORN
Chain-of-Custody Form

86780

Project Name: 2440 East Eleventh Street	Project Location: 2440 East Eleventh Street, Oakland CA	Project Number: P279
Sampler: Matthew B. Hall	Laboratory: STL San Francisco	Laboratory Number:

Sample Designation	Date	Time	Matrix			Type		Containers		Preservative	Field Filtration	Turnaround			Analyses				Sampler Comments	Laboratory Comments	
			Soil	Water	Vapor	Grab	Composite	Quantity	Type			48-Hour	5- Working Days	10-Working Days	TPH-diesel/kerosene/ stoddard solvent	TPH-gasoline/ BTEX/ fuel oxygenates (by EPA Method 8260)	Total Lead				
Sidewall NW (5-5.5)	9-Jun-04	1:40	x			x		1	liner	ice				x			x	x	x		
Sidewall NE (5-5.5)	9-Jun-04	1:10	x			x		1	liner	ice				x			x	x	x		
Sidewall SW (5-5.5)	9-Jun-04	12:40	x			x		1	liner	ice				x			x	x	x		
Sidewall SE (5-5.5)	9-Jun-04	1:00	x			x		1	liner	ice				x			x	x	x		
Base (7.5-8)	9-Jun-04	12:25	x			x		1	liner	ice				x			x	x	x		

Note: Sampler and laboratory to observe preservative, condition, integrity, etc. of samples and record (under "Comments") any exceptions from standard protocols.

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>	Date: 6/10/04	Time: 12:50
Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i> / STL-SF	Date: 6/10/04	Time: 1:15

STREAMBORN Mail: PO Box 8330, Berkeley CA 94707-8330 Office: 900 Santa Fe Ave, Albany CA 94706 510-528-4234 Fax: 528-2613

Report results to info@streamborn.com

6.0°C