Technology, Engineering & Construction, Inc.

262 Michelle Court • So. San Francisco, CA 94080-6201 • Contractor's Lic. #762034

Tel: (650) 616-1200 • Fax: (650) 616-1244 • www.tecaccutite.com

April 19, 2005

Mr. Deno G. Milano, R.G.
Hazardous Materials Specialist
Environmental Health Services Division
San Mateo Country Health Services Agency
455 County Center, Fourth Floor
Redwood City, CA 94063

SUBJECT: **Update and Correction of Tables**

SITE: **FORMER DEVINCENZI METAL PRODUCTS FACILITY**
230 ADRIAN ROAD
MILLBRAE, CA

Dear Mr. Milano:

As you requested in your letter dated April 11, 2005, TEC Accutite is pleased to resubmit the updated and corrected Tables 1 and 2. With each Table we attached the supporting analytical results for easy reference and review. In addition, we contacted North State Labs to provide the missing information and reporting limits. The following updates and corrections were made to the tables:

Table 1- MTBE concentration for sample B4-5' was corrected to be 0.021 parts per million (ppm) instead of 21 ppm. The corrected laboratory report is attached to Table 1. The NDs for samples B1-5' through B4-5' were changed to <reporting limits. The ESLs in the bottom of Table 1 were updated to the February 2005 data.

Table 2- The concentration for TPHg for sample 1-PIT WATER was corrected to be 9,000 parts per billion (ppb) instead of 9 ppb. The ND for lead result for sample 1-PIT WATER was changed to <1,000 ppb. The reporting limits for Xylenes were corrected to be <1.0 ppb instead of <0.5 ppb for samples B5 through B10 and for samples B12 and B13. The ESLs in the bottom of the Table were updated to the February 2005 data.

Table 3- The ESLs in the bottom of the Table were updated to the February 2005 data. Also, the ESLs for TBA were added.

Thank you for your cooperation. If you have any questions, please call me at (650) 616-1209.

Sincerely,
TEC Accutite

REGISTERED PROFESSIONAL ENGINEER
SAMI M. MALAEB
No. 60888
Exp. 12/31/06
CIVIL
STATE OF CALIFORNIA

Sami Malaeb, P.E.
Environmental Manager

cc: Mr. Robert De Vincenzi Metal Products, Inc., 1655 Rollins Road, Burlingame, CA 94010

Table 1
(Table updated on 04/18/05)
Summary of Soil Analytical Data
Former DeVincenzi Metal Products Facility
230 Adrian Road
Millbrae, California

Sample ID	Sample Date	Depth in fbg	TPHg	B	T	E	X	MTBE	Lead
			Concentrations in parts per million (ppm)						
2-SPOILS	5/8/1996	stockpile	<0.5	<0.005	<0.005	<0.005	<0.01	---	<10
#2@6'	5/23/1996	6	4	0.051	0.006	0.14	<0.01	---	<10
MW1-5[a]	9/12/1996	5	<1	<0.005	<0.005	<0.01	<0.5	<0.005	<5
MW1-10[a]	9/12/1996	10	<1	0.011	<0.005	0.007	<0.5	1.1	14
MW1-15[a]	9/12/1996	15	<1	<0.005	<0.005	<0.01	<0.5	<0.005	9
B1-5'	9/16/1997	5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	---
B2-5'	9/16/1997	5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	---
B3-5'	9/16/1997	5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	---
B4-5'	9/16/1997	5	<0.5	<0.005	<0.005	<0.005	<0.01	0.021	---
MW-2	7/10/2000	b	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	---
MW-3	7/10/2000	b	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	---
MW-4	7/10/2000	b	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	---
MW-5	7/10/2000	b	1	<0.005	<0.005	<0.005	0.025	<0.005	---
B15-2.5	12/10/2003	2.5	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	---
B17-2	12/10/2003	2	<0.5	<0.005	<0.005	<0.005	<0.01	<0.005	---
[c] Shallow Soil ESLs, Residential Land Use (Groundwater IS a current or potential drinking water resource)									
		Final Screening Level	100	0.044	2.9	3.3	2.3	0.023	150
		Ceiling Value (odors, etc.)	100	500	500	400	420	100	1,000
		Direct Exposure	400	0.18	100	400	330	30	150
		Indoor Air Impact	d	0.18	130	390	310	2	NA
		Soil Leaching	100	0.044	2.9	3.3	2.3	0.023	NA

Notes:
TPHg = Total petroleum hydrocarbons as gasoline (EPA Method 8015)
BTEX = Benzene, Toluene, Ethylbenzene, Xylenes (EPA Method 8020)
MTBE = Methyl-tert-butyl ether (EPA Method 8020)
Lead = Lead (EPA Method 7420)
<X = Concentration less than laboratory reporting limits
--- = Not analyzed
NA = not available
a = Sample ID's MW1-5, MW1-10 and MW1-15 are noted as B-1-5', B-1-10' and B-1-15', respectively, in the laboratory report.
b = Soil sample collected at the soil/groundwater interface
fbg = Feet below grade
c Source: "Screening for Environmental concerns at Sites with Contaminated Soil and Groundwater"
California Regional Quality Control Board- Interim Final-February 2005
d = use soil gas

North State Labs

CA ELAP # 1753

815 Dubuque Avenue • South San Francisco, CA 94080 • **(650) 266-4563** • FAX (650) 266-4560

CERTIFICATE OF ANALYSIS

Job No: 96-300
Client: SEMCO
Project Name: 96-4544
Millbrae, CA

Date Sampled: 05-08-96
Date Extracted: 05-09-96
Date Analysed: 05-09-96

BTEX and Gasoline Range Organics by EPA Method 8020/8015 M Lead by Method 7420

Sample No.	Client ID	Analyte	Result	
96-300-01	1-Pit Water	Benzene	190	ug/L
		Toluene	36	ug/L
		Ethylbenzene	66	ug/L
		Xylenes	950	ug/L
		Gasoline	9	mg/L
		Lead	ND< 1	mg/L
96-300-02	2-Spoils	Benzene	ND	
		Toluene	ND	
		Ethylbenzene	ND	
		Xylenes	ND	
		Gasoline	ND	
		Lead	ND< 10	mg/kg

Quality Control Quality Assurance Summary: Soil

Analyte	Method	Reporting Limit		MS/MSD Recovery	RPD
MTBE	8020	5	ug/kg	AVG 93%	2
Benzene	8020	5	ug/kg		
Toluene	8020	5	ug/kg		
Ethylbenzene	8020	5	ug/kg		
Xylenes	8020	10	ug/kg		
Gasoline	8020	500	ug/kg	AVG 100%	1
Lead	8020	10	mg/kg	AVG 94%	1

ELAP Certication Number 1753
Reviewed and Approved by:

John A. Murphy
Laboratory Director

90-390

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

(415) 588-9652

Client: SEMCO/HK2, Inc.	Phone: (415) 572-8033	Report to: Mark / Stan	Turnaround Time
Mailing Address: 1750 Leslie, San Mateo		Billing to: SEMCO/HK2, Inc.	8 Hr ☐ 24 Hr ☒ 40 Hr ☐ 5 Days ☐
Site Address: 230 Adrian Rd Millbrae, CA		PO# / Billing Reference: #96-4544	Other ☐
Sampler: Stan Klemetsun	Date: 5/8/96		

ANALYSIS REQUESTED

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	TPH-D	TPH-G	BTEX	O+G	Pb					Remarks
1-Pitwater		2 VOA	5/8/96		X	X		X					
2-Spoil		1 ⅛	5/8/96		X	X		X					

Relinquished by: [signature]	Date: 5/8/96 Time: 5pm	Received by: [signature] NSE		Yes	No
Relinquished by:	Date: Time:	Received by:	Were samples Preserved ?	✓	
Relinquished by:	Date: Time:	Received in lab by: [signature] NSE	In good condition ?	✓	

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

JOB NO: 96-336
CLIENT: SEMCO
PROJECT NAME: 96-4544
MILLBRAE, CA

DATE SAMPLED: 05-23-96
DATE EXTRACTED: 05-23-96
DATE ANALYZED: 05-23-96

BTXE AND GASOLINE RANGE ORGANICS BY
EPA METHOD 8020/5030 AND 8015 M
LEAD BY EPA METHOD 7420

Sample No.	Client ID	Analyte	Result	
96-336-01	#1-PIT Water	Benzene	110	ug/L
		Toluene	12	ug/L
		Ethylbenzene	61	ug/L
		Xylenes	170	ug/L
		Gasoline	11	mg/L
		Lead	ND	
96-336-02	#2 @ 6'	Benzene	51	ug/Kg
		Toluene	6	ug/Kg
		Ethylbenzene	140	ug/Kg
		Xylenes	ND<10	ug/Kg
		Gasoline	4	mg/Kg
		Lead	ND<10	mg/Kg
96-336-03	#3-TANK Water	Benzene	140	ug/L
		Toluene	30	ug/L
		Ethylbenzene	4	ug/L
		Xylenes	1000	ug/L
		Gasoline	8	mg/L

Quality Control Quality Assurance Summary: Water

Analyte	Method	Reporting limit	Blank	MS/MSD Recovery	RPD
MTBE	8020	0.5 ug/L	ND	AVG 98%	6
Benzene	8020	0.5 ug/L	ND		
Toluene	8020	0.5 ug/L	ND		
Ethylbenzene	8020	0.5 ug/L	ND		
Xylenes	8020	1 ug/L	ND		
Gasoline	8015/5030	50 ug/L	ND	AVG 96%	2
Lead	7420	1 mg/L	ND	AVG 100%	2

ELAP CERTIFICATION NUMBER 1753

Reviewed and Approved by

John Murphy
Laboratory Director

P.O.Box 5624 • South San Francisco, California 94083 • 415-588-2838 FAX 588-1950

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

JOB NO: 96-340 DATE SAMPLED: 05-28-96
CLIENT: SEMCO DATE EXTRACTED: 05-28-96
PROJECT NAME: 230 Adrian Millbrae DATE ANALYZED: 05-28-96

BTXE AND GASOLINE RANGE ORGANICS BY EPA METHOD 8020/5030 AND 8015 M

Sample No.	Client ID	Analyte	Result	
96-340-01	#1-HT	Benzene	58	ug/L
		Toluene	ND<5	ug/L
		Ethylbenzene	ND<5	ug/L
		Xylenes	360	ug/L
		Gasoline	4	mg/L

Quality Control Quality Assurance Summary: Water

Analyte	Method	Reporting limit	Blank	MS/MSD Recovery	RPD
MTBE	8020	0.5 ug/L	ND	AVG 99%	3
Benzene	8020	0.5 ug/L	ND		
Toluene	8020	0.5 ug/L	ND		
Ethylbenzene	8020	0.5 ug/L	ND		
Xylenes	8020	1 ug/L	ND		
Gasoline	8015/5030	50 ug/L	ND	AVG 81%	6

ELAP CERTIFICATION NUMBER 1753

Reviewed and Approved by

John Murphy
Laboratory Director

P.O.Box 5624 • South San Francisco, California 94083 • 415-588-2838 FAX 588-1950

96-336

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

(415) 588-9652

Client: SEMCO / HK2, INC	Phone: 415 572-8033	Report to: STAN / MARK.	Turnaround Time
Mailing Address: 1751 LESLIE ST SAN MATEO, CA		Billing to: SEMCO / HK2, INC	8 Hr ☐ 24 Hr ☒ 40 Hr ☐ 5 Days ☐
Site Address: 230 ADRIAN RD MILLBRAE, CA		PO # / Billing Reference: 96-4544	Other ☐
Sampler: [signature]	Date: 5/23/96		

ANALYSIS REQUESTED

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	TPH-D	TPH-G	BTEX	O+G	Pb					Remarks
#1-PIT	PIT WATER	2-VOA	5/23/96		X	X		X					
#2-PB	WEST SIDE WALL	1-BJ	/		X	X		X					
#3-TANK	TANK WATER	2-VOA	/		X	X							

Relinquished by: [signature]	Date: 5/23/96 Time: 10 AM	Received by: [signature] 5/23/96 10:10		Yes	No
Relinquished by:	Date: Time:	Received by:	Were samples Preserved ?		
Relinquished by:	Date: Time:	Received in lab by:	In good condition ?		

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

,5-340

(415) 588-9652

Client: SEMCO / HKZ, Inc.	Phone: (415) 572-8033	Report to: Mark / Stan.	Turnaround Time
Mailing Address: Divercenzi Metal 245 Adrian Millbrae → San Mateo		Billing to: SEMCO / HKZ, Inc.	8 Hr ☐ 24 Hr ☒ 40 Hr ☐ 5 Days ☐
Site Address:		PO # / Billing Reference:	Other ☐
Sampler: Mark Dysert	Date: 5/28/96		

ANALYSIS REQUESTED

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	TPH-D	TPH-G	BTEX	O+G						Remarks
#1-HT	Holding Tank Contents	#2 VOA's	10:15am 5/28/96		X	X							

Relinquished by: Mark Dysert	Date: 5/28/96 Time: 10:40am	Received by: Jeff Pai 5/28/96 10:40 AM		Yes	No
Relinquished by:	Date: Time:	Received by:	Were samples Preserved ?	✓	
Relinquished by:	Date: Time:	Received in lab by:	In good condition ?	✓	

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab No: 96-656
Client: Accutite Env.
Project: 230 Adrian Rd. Millbrae

Date Sampled: 9/12/96
Date Analyzed: 9/12/96
Date Reported: 9/16/96

MTBE, Benzene, Toluene, Ethylbenzene and Xylenes by Method 8020
Gasoline Range hydrocarbons by EPA method 8015M

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
96-656-01	B-1-5'.	MTBE	8020	ND
	SOIL	Benzene	8020	ND
		Toluene	8020	ND
		Ethylbenzene	8020	ND
		Xylenes	8020	ND
		Gasoline	8015M	ND
96-656-02	B-1-10'	MTBE	8020	1.1 mg/Kg
	Soil	Benzene	8020	0.011 mg/Kg
		Toluene	8020	ND
		Ethylbenzene	8020	0.007 mg/Kg
		Xylenes	8015M	ND
		Gasoline	8015M	ND
96-656-03	B-1-15'	MTBE	8020	ND
	Soil	Benzene	8020	ND
		Toluene	8020	ND
		Ethylbenzene	8020	ND
		Xylenes	8020	ND
		Gasoline	8015M	ND

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North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab No: 96-656
Client: Accutite Env.
Project: 230 Adrian Rd. Millbrae

Date Sampled: 9/12/96
Date Analyzed: 9/12/96
Date Reported: 9/16/96

Benzene, Toluene, Ethylbenzene and Xylenes by Method 8020
Diesel, gasoline range hydrocarbons by EPA method 8015M
TEPH by Method SM 5520 E & F

Quality Control/Quality Assurance Summary- Soil

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
MTBE	8020	5 ug/Kg	ND	59/49	2
Benzene	8020	5 ug/Kg	ND	78/82	15
Toluene	8020	5 ug/Kg	ND	100/102	10
Ethylbenzene	8020	10 ug/Kg	ND	110/118	3
Xylenes	8020	500 ug/Kg	ND	94/91	6
Gasoline	8015M	1 mg/Kg	ND	67/75	12

ELAP Certificate NO: 1753

Reviewed and Approved:

John A. Murphy
Laboratory Director

P.O.Box 5624 • South San Francisco, California 94083 • 415-588-2838 FAX 588-1950

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab No:	96-656	Date Sampled:	9/12/96
Client:	Accutite Env.	Date Analyzed:	9/14/96
Project:	230 Adrian Rd. Millbrae, CA	Date Reported:	9/16/96

Determination of Total lead in Soils/Wastes by Method 3050 and Atomic Absorption Spectroscopy Method 7420

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT	
96-656-01	B-1-5' Soil	Lead	7420	ND	
96-656-02	B-1-10' Soil	Lead	7420	14	mg/Kg
96-656-03	B-1-15' Soil	Lead	7420	9	mg/Kg

Quality Control Quality Assurance Summary: Soil

Sample Spiked: 96-656-01

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
Lead	7420	5.0 mg/Kg	ND	102/104	2

ELAP Certificate NO: 1753

Reviewed and Approved:

John A. Murphy
Laboratory Director

P.O.Box 5624 • South San Francisco, California 94083 • 415-588-2838 FAX 588-1950

96-656

Chain of Custody

Client:	Accutite Environmental Engineering
Address:	35 South Linden Avenue South San Francisco, CA 94080
Phone:	(415) 952-5551
Project Name/ Address:	230 Adriau Road Millbrae, CA
Sampler:	Sami Malaeb
Date:	09/12/96
Report to:	Sami Malaeb
Bill to:	ACCUTITE
Billing Reference #:	601

Turnaround Time: ASAP | 1 day | 2 day | 3 day | (1 week) | 2 week | other

Analysis Requested

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time	TPH-G+BTEX + MTBE	Total Lead (Pb)	Remarks
1	B-1-5'	Soil	1	Brass Tube	09/12/96 8:45am	X	X	
2	B-1-10'	Soil	1	"	09/12/96 8:45am	X	X	
3	B-1-15'	Soil	1	"	09/12/96 9:00am	X	X	
4	B-1-20'	Soil	1	"	09/12/96 9:15am			Place on hold
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

4 tubes cold

Relinquished By:	Date:	Time:	Received By:
with: Sami Malaeb	09/12/96		Edward C. Cuneo
Relinquished By:	Date:	Time:	Received By:
with:			NSE LAB
Relinquished By:	Date:	Time:	Received By:
with:			

Lab Comments

North State Labs
CA ELAP # 1753
815 Dubuque Avenue • South San Francisco, CA 94080 • **(650) 266-4563** • FAX (650) 266-4560

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Millbrae / #751

Date Reported: 10/03/1997

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 97-903-01	Client ID: B1-5'			09/16/1997	SOIL
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-02	Client ID: B2-5'			09/16/1997	SOIL
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-03	Client ID: B3-5'			09/16/1997	SOIL
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

North State Labs
CA ELAP # 1753
815 Dubuque Avenue • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Millbrae / #751

Date Reported: 10/03/1997

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 97-903-04 Client ID: B4-5'				09/16/1997	SOIL
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	0.021	mg/kg		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-05 Client ID: B1-W				09/16/1997	WATER
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	4.0	ug/L		
Xylenes	8020	8.0	ug/L		
Sample: 97-903-06 Client ID: B2-W				09/16/1997	WATER
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

North State Labs
CA ELAP # 1753
815 Dubuque Avenue • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Millbrae / #751

Date Reported: 10/03/1997

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 97-903-07	Client ID: B3-W			09/16/1997	WATER
Gasoline	8015M	790	ug/L		09/22/1997
Benzene	8020	150	ug/L		
Ethylbenzene	8020	45	ug/L		
MTBE	8020	*91000	ug/L		
Toluene	8020	6	ug/L		
Xylenes	8020	4	ug/L		
Sample: 97-903-08	Client ID: B4-W			09/16/1997	WATER
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	76	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-09	Client ID: MW-1			09/16/1997	WATER
Gasoline	8015M	170	ug/L		09/22/1997
Benzene	8020	26	ug/L		
Ethylbenzene	8020	3	ug/L		
MTBE	8020	130	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

North State Labs
CA ELAP # 1753
815 Dubuque Avenue • South San Francisco, CA 94080 • **(650) 266-4563** • FAX (650) 266-4560

CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Millbrae / #751

Date Reported: 10/03/1997

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
Gasoline	8015M	0.5	mg/Kg	ND	93	4
Benzene	8020	.005	mg/Kg	ND	100	8
Ethylbenzene	8020	.005	mg/Kg	ND	93	6
Toluene	8020	.005	mg/Kg	ND	101	7
Xylenes	8020	.010	mg/Kg	ND	88	3
MTBE	8020	.005	mg/Kg	ND	20	2
Gasoline	8015M	50	ug/L	ND	85	11
Benzene	8020	0.5	ug/L	ND	103	4
Ethylbenzene	8020	0.5	ug/L	ND	110	6
Toluene	8020	0.5	ug/L	ND	106	5
Xylenes	8020	1.0	ug/L	ND	104	4
MTBE	8020	0.5	ug/L	ND	93	17

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy,Laboratory Director

Chain of Custody

97-903

Client:	Accutite Environmental Engineering	Report to: Sami Malaeb	Turnaround Time: ~~ASAP~~ / 1 day / 2 day / 3 day / 1 week / 2 week / other
Address:	35 South Linden Avenue South San Francisco, CA 94080	Bill to: ACCUTITE	
Phone:	(415) 952-5551	Billing Reference #: 751	
Project Name/ Address:	230 ADRIAN RD. MILLBRAE, CA	Analysis Requested	
Sampler: Sami Accutite	Date: 9/16/97		

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time	TPH-G + BTEX + MTBE	Remarks
1-	B1-5'	Soil	1	Alcetate Tube	9/16/97 am	X	
2-	B2-5'	Soil	1	"	9/16/97 "	X	
3-	B3-5'	Soil	1	"	9/16/97 "	X	
4-	B4-5'	Soil	1	"	9/16/97 "	X	
5-	B1-W	water	3	40 ml VOA	9/16/97 "	X	
6-	B2-W	Water	3	"	9/16/97 "	X	
7-	B3-W	Water	3	"	9/16/97 "	X	
8-	B4-W	Water	3	"	9/16/97 pm	X	
9-	MW-1	Water	3	"	9/16/97 pm.	X	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Relinquished By:	Date:	Time:	Received By:
with: Sami Malaeb	9/16/97	3:05 PM	NSE LABS
Relinquished By:	Date:	Time:	Received By:
with:			
Relinquished By:	Date:	Time:	Received By:
with:			

Lab Comments

North State Environmental Laboratory
CA ELAP # 1753
90 South Spruce Avenue, Suite V • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-1560

CERTIFICATE OF ANALYSIS

Lab Number: 00-0945
Client: Technology Eng. Const.
Project: 30 Rollins Rd./PO# 4159

Date Reported: 07/31/2000

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 00-0945-01 Client ID: MW-2				07/10/2000	SOIL
Gasoline	8015M	ND			07/11/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 00-0945-02 Client ID: MW-3				07/10/2000	SOIL
Gasoline	8015M	ND			07/11/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 00-0945-03 Client ID: MW-4				07/10/2000	SOIL
Gasoline	8015M	ND			07/11/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

North State Environmental Laboratory
CA ELAP # 1753
90 South Spruce Avenue, Suite V • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

CERTIFICATE OF ANALYSIS

Lab Number: 00-0945
Client: Technology Eng. Const.
Project: 30 Rollins Rd./PO# 4159

Date Reported: 08/08/2000

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 00-0945-04 Client ID: MW-5				07/10/2000	SOIL
Gasoline	8015M	1.0	mg/Kg		08/07/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	0.025	mg/Kg		

North State Environmental Laboratory
CA ELAP # 1753
90 South Spruce Avenue, Suite V • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 00-0945
Client: Technology Eng. Const.
Project: 30 Rollins Rd./PO# 4159

Date Reported: 07/31/2000

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	Avg MS/MSD Recovery	RPD
Gasoline	8015M	0.5	mg/Kg	ND	130	2
Benzene	8020	.005	mg/Kg	ND	124	2
Ethylbenzene	8020	.005	mg/Kg	ND	121	1
Toluene	8020	.005	mg/Kg	ND	124	1
Xylenes	8020	.010	mg/Kg	ND	121	1
MTBE	8020	.005	mg/Kg	ND	113	3

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy, Laboratory Director

00-7945 P.O. No. 4159

Chain of Custody Accutite Environmental Engineering

Client	Accutite Environmental Engineering	Report To	SAMI MACAEB
Address	35 South Linden Avenue South San Francisco, CA 94080	Bill To:	Accutite
		Billing Reference#	PO# 4159
Phone	650-952-5551		
Project Name/Address	Dimancanji Motel, 30 Collins Ave		
Sampler	D.F. Hoefer	Date:	07/10/00

Turnaround: ASAP | 1 Day | 2 Day | 3 Day | 1 Week | 2 Week | Others

Analysis Required

Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date/Time	TPH-G BTEX/MTBE	MTBE by EPA 8260*	Remarks
MW-2	soil	1	2x6" brass	7/10/00			4.5-5.0 Hold
					X		6.0-6.5
							10.5-11.0 Hold
MW-3							4.5-5.0 Hold
					X		6.0-6.5 ~~Hold~~
							10.5-11.0 Hold
MW-4							4.5-5.0 Hold
					X		5.5-6.0
							10.5-11.0 Hold
MW-5					X		5.5-6.0'
MW-5	water	3	VOA	12:15	X**	HOLD H_2O per Sami 07/10/00	

* MTBE 8260 - analyze one soil sample w/ highest 8020 detection

** Please confirm with S. Malaeb prior to analysis (MW-5 water)

Relinquished by	Date	Time	Received by	Date	Time
[signature]	7/10/00	1505	[signature]	7/10/00	15:07
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by	Date	Time

JUL 31 00 03:22P

Laboratory Report Project Overview

DF 1.2a

Laboratory:	North State Environmental, South San Francisco, CA
Lab Report Number:	03-1813
Project Name:	230 ADRIAN RD. MILLBRAE
Work Order Number:	03-1813
Control Sheet Number:	T0608100904

Case Narrative

North State Environmental, South San Francisco, CA

Report Date:	12/17/2003	Project:	230 ADRIAN RD. MILLBRAE
Report Number:	03-1813	Order #:	03-1813

Two soil and three water samples were analyzed for gasoline by method 8015M, BTEX and MTBE by method 8021B. No errors were noted during analysis.

Approved by: _____ Date: 12/17/03

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
03-1813	B-15	03-1813-03	W	CS	SW8020F	SW5030B	12/10/2003	12/16/2003	12/16/2003	12153MGBXW	1	
03-1813	B-16	03-1813-04	W	CS	SW8020F	SW5030B	12/10/2003	12/16/2003	12/16/2003	12153MGBXW	1	
03-1813	B-17	03-1813-05	W	CS	SW8020F	SW5030B	12/10/2003	12/15/2003	12/15/2003	12153MGBXW	1	
03-1813	B15-2.5	03-1813-01	SO	CS	SW8020F	SW5030	12/10/2003	12/15/2003	12/15/2003	12153MGBXS	1	
03-1813	B17-2	03-1813-02	SO	CS	SW8020F	SW5030	12/10/2003	12/15/2003	12/15/2003	12153MGBXS	1	
		03-1808-03	SO	NC	SW8020F	SW5030	/ /	12/15/2003	12/15/2003	12153MGBXS	1	
		LCSD	W	BD1	SW8020F	SW5030B	/ /	12/15/2003	12/15/2003	12153MGBXW	1	
		LCS	W	BS1	SW8020F	SW5030B	/ /	12/15/2003	12/15/2003	12153MGBXW	1	
		BLK	SO	LB1	SW8020F	SW5030	/ /	12/15/2003	12/15/2003	12153MGBXS	1	
		BLK	W	LB1	SW8020F	SW5030B	/ /	12/12/2003	12/12/2003	12153MGBXW	1	
		1808-03MS	SO	MS1	SW8020F	SW5030	/ /	12/15/2003	12/15/2003	12153MGBXS	1	
		1808-03MSD	SO	SD1	SW8020F	SW5030	/ /	12/15/2003	12/15/2003	12153MGBXS	1	

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1813	Method:	SW8020F
		Prep Meth:	SW5030

Field ID:	B15-2.5	Lab Samp ID:	03-1813-01
Descr/Location:	B-15	Rec'd Date:	12/10/2003
Sample Date:	12/10/2003	Prep Date:	12/15/2003
Sample Time:	NA	Analysis Date:	12/15/2003
Matrix:	Soil	QC Batch:	12153MGBXS
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	50.6	500.	PQL		ND	UG/KG	1
Benzene	1.19	5.	PQL		ND	UG/KG	1
Toluene	1.30	5.	PQL		ND	UG/KG	1
Ethylbenzene	1.33	5.	PQL		ND	UG/KG	1
Xylenes	3.04	10.	PQL		ND	UG/KG	1
Methyl-tert-butyl ether (MTBE)	2.57	5.	PQL		ND	UG/KG	1

Approved by: _____ Date: _____

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1813	Method:	SW8020F
		Prep Meth:	SW5030

Field ID:	B17-2	Lab Samp ID:	03-1813-02
Descr/Location:	B-17	Rec'd Date:	12/10/2003
Sample Date:	12/10/2003	Prep Date:	12/15/2003
Sample Time:	NA	Analysis Date:	12/15/2003
Matrix:	Soil	QC Batch:	12153MGBXS
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	50.6	500.	PQL		ND	UG/KG	1
Benzene	1.19	5.	PQL		ND	UG/KG	1
Toluene	1.30	5.	PQL		ND	UG/KG	1
Ethylbenzene	1.33	5.	PQL		ND	UG/KG	1
Xylenes	3.04	10.	PQL		ND	UG/KG	1
Methyl-tert-butyl ether (MTBE)	2.57	5.	PQL		ND	UG/KG	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1813	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	B-15	Lab Samp ID:	03-1813-03
Descr/Location:	B-15	Rec'd Date:	12/10/2003
Sample Date:	12/10/2003	Prep Date:	12/16/2003
Sample Time:	NA	Analysis Date:	12/16/2003
Matrix:	Water	QC Batch:	12153MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	4.066	50.	PQL		ND	UG/L	1
Benzene	0.076	0.5	PQL		ND	UG/L	1
Toluene	0.160	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.215	0.5	PQL		ND	UG/L	1
Xylenes	0.211	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.088	0.5	PQL	GI	807.	UG/L	1

GI: Analyte confirmed by GC/MS

Approved by: _____ Date: _____

Lab Report No.: 03-1813 Date: 12/17/2003

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1813	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	B-16	Lab Samp ID:	03-1813-04
Descr/Location:	B-16	Rec'd Date:	12/10/2003
Sample Date:	12/10/2003	Prep Date:	12/16/2003
Sample Time:	NA	Analysis Date:	12/16/2003
Matrix:	Water	QC Batch:	12153MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	4.066	50.	PQL		ND	UG/L	1
Benzene	0.076	0.5	PQL		ND	UG/L	1
Toluene	0.160	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.215	0.5	PQL		ND	UG/L	1
Xylenes	0.211	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.088	0.5	PQL		ND	UG/L	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1813	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	B-17	Lab Samp ID:	03-1813-05
Descr/Location:	B-17	Rec'd Date:	12/10/2003
Sample Date:	12/10/2003	Prep Date:	12/15/2003
Sample Time:	NA	Analysis Date:	12/15/2003
Matrix:	Water	QC Batch:	12153MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	4.066	50.	PQL		59.	UG/L	1
Benzene	0.076	0.5	PQL		ND	UG/L	1
Toluene	0.160	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.215	0.5	PQL		ND	UG/L	1
Xylenes	0.211	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.088	0.5	PQL		ND	UG/L	1

Approved by: _____ Date: _____

QA/QC Report
Method Blank Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

QC Batch:	12153MGBXS	Analysis:	BTEX/Gasoline Range Organics
Matrix:	Soil	Method:	SW8020F
Lab Samp ID:	BLK	Prep Meth:	SW5030
Analysis Date:	12/15/2003	Prep Date:	12/15/2003
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	50.6	500.	PQL		ND	UG/KG	1
Benzene	1.19	5.	PQL		ND	UG/KG	1
Toluene	1.30	5.	PQL		ND	UG/KG	1
Ethylbenzene	1.33	5.	PQL		ND	UG/KG	1
Xylenes	3.04	10.	PQL		ND	UG/KG	1
Methyl-tert-butyl ether (MTBE)	2.57	5.	PQL		ND	UG/KG	1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

QC Batch: 12153MGBXS
Matrix: Soil
Lab Samp ID: 1808-03MS
Basis: Wet

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 03-1808-03

Analyte	Analysis Method	Spike Level		Sample Result	Spike Result		Units		% Recoveries			Acceptance Criteria		
		MS	DMS		MS	DMS			MS	DMS	RPD	% Rec		RPD
Benzene	SW8020F	250.	250.	ND	308.	305.	UG/KG	ww	123	122	0.82	128-77	MSA	16MSP
Ethylbenzene	SW8020F	250.	250.	ND	271.	271.	UG/KG	ww	108	108	0.00	123-84	MSA	15MSP
Gasoline Range Organics	SW8020F	2500.	2500.	ND	3110.	3120.	UG/KG	ww	124	125	0.80	125-70	MSA	17MSP
Methyl-tert-butyl ether (MTBE)	SW8020F	250.	250.	ND	304.	303.	UG/KG	ww	122	121	0.82	132-75	MSA	11MSP
Toluene	SW8020F	250.	250.	ND	293.	293.	UG/KG	ww	117	117	0.00	127-83	MSA	13MSP
Xylenes	SW8020F	750.	750.	ND	824.	824.	UG/KG	ww	110	110	0.00	127-85	MSA	11MSP

QA/QC Report
Method Blank Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

QC Batch:	12153MGBXW	Analysis:	BTEX/Gasoline Range Organics
Matrix:	Water	Method:	SW8020F
Lab Samp ID:	BLK	Prep Meth:	SW5030B
Analysis Date:	12/12/2003	Prep Date:	12/12/2003
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	4.066	50.	PQL		ND	UG/L	1
Benzene	0.076	0.5	PQL		ND	UG/L	1
Toluene	0.160	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.215	0.5	PQL		ND	UG/L	1
Xylenes	0.211	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.088	0.5	PQL		ND	UG/L	1

QA/QC Report
Blank Spike/Duplicate Blank Spike Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

QC Batch: 12153MGBXW
Matrix: Water
Lab Samp ID: LCS

Analyte	Analysis Method	Spike Level LCS	Spike Level LCD	Spike Result LCS	Spike Result LCD	Units		% Recoveries LCS	% Recoveries LCD	% Recoveries RPD	Acceptance Criteria %Rec		Acceptance Criteria RPD
Benzene	SW8020F	100.	100.	107.	108.	UG/L	ww	107	108	0.93	123-59	MSA	21MSP
Ethylbenzene	SW8020F	100.	100.	110.	110.	UG/L	ww	110	110	0.00	130-76	MSA	15MSP
Gasoline Range Organics	SW8020F	1000.	1000.	1290.	1300.	UG/L	ww	129	130	0.77	133-64	MSA	25MSP
Methyl-tert-butyl ether (MTBE)	SW8020F	100.	100.	107.	109.	UG/L	ww	107	109	1.9	121-59	MSA	28MSP
Toluene	SW8020F	100.	100.	110.	113.	UG/L	ww	110	113	2.7	119-75	MSA	11MSP
Xylenes	SW8020F	300.	300.	348.	351.	UG/L	ww	116	117	0.86	129-78	MSA	11MSP

TEC ACCUTITE
35 South Linden Avenue
South San Francisco, CA 94080
Ph No.: (650)952 5551, Fax No.: (650)952 7631

Chain of Custody

03-18.3

Client : Devincenzi
Project Name :
Project Address : 230 Adrian Road Millbrae, CA
Global ID :
Sampler : Tom C. Date : 12/10/03

Report to : Tom C.
Bill to : TEC Accutite
P O No. : 8596

Analysis Required: TPH-g/BTEX/MTBE 8015/8020

Turn-around Time: ASAP | 1 Day | 2 Days | 3 Days | 1 Week | 2 Weeks | Others :

Remarks: Confirm positive MTBE detections with EPA Method 8260.

	Field Point ID	Sample ID	Sample Matrix	No. of Containers	Container Type	Sample Date & Time	TPH-g/BTEX/MTBE 8015/8020	Remarks
1	1 B-15	B15-2.5	soil	1	sleeve	12/10/03	✓	
2	2 B-17	B17-2	soil	1	sleeve	12/10/03	✓	
	3							
3	4 B-15	B-15	water	2	VOA w/ HCL	12/10/03 10:10	✓	
4	5 B-16	B-16	water	3	VOA w/ HCL	12/10/03 10:50	✓	
5	6 B-17	B-17	water	3	VOA w/ HCL	12/10/03 9:30	✓	
	7							
	8							
	9							
	10							
	11							
	12							
	13							
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	22							
	23							
	24							
	25							

Relinquished by :	Date: 12/10/03	Time: 13:00	Received by:	Date: 12/10/03	Time: 13:00
Relinquished by :	Date:	Time:	Received by:	Date:	Time:

Screening For Environmental Concerns At Sites With Contaminated Soil and Groundwater

Volume 1: Summary Tier 1 Lookup Tables

Prepared by:
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

INTERIM FINAL - February 2005

TABLE A-1. [1]SHALLOW SOIL SCREENING LEVELS (≤3m bgs)
[2]RESIDENTIAL LAND USE
(potentially impacted groundwater IS a current or potential drinking water resource)

	[2]RESIDENTIAL LAND USE (mg/kg)							
		Gross Contamination Ceiling Value (Odors, etc.)		Human Health				Groundwater Protection (Soil Leaching)
				Substitute Direct Exposure		Direct Exposure	Vapor Intrusion Into Buildings	Drinking Water Resource
CHEMICAL PARAMETER	Final ESL	Table H-2	Urban Area Ecotoxicity Criteria	Value	Basis	Table K-1	Table E-1b	Table G
ACENAPHTHENE	1.6E+01	1.0E+03	-			6.0E+02	1.3E+02	1.6E+01
ACENAPHTHYLENE	1.3E+01	5.0E+02	-	4.4E+02	Fluorene	4.4E+02	(Use soil gas)	1.3E+01
ACETONE	5.0E-01	5.0E+02	-			2.7E+03	1.4E+03	5.0E-01
ALDRIN	3.2E-02	1.0E+03	3.5E-01			3.2E-02		5.0E+00
ANTHRACENE	2.8E+00	5.0E+02	4.0E+01			3.5E+03	6.1E+00	2.8E+00
ANTIMONY	6.1E+00	1.0E+03	2.0E+01			6.1E+00		
ARSENIC	5.5E+00	1.0E+03	2.0E+01	5.5	Background	5.5E+00		
BARIUM	7.5E+02	1.0E+03	7.5E+02			1.0E+03		
BENZENE	4.4E-02	5.0E+02	2.5E+01			1.8E-01	1.8E-01	4.4E-02
BENZO(a)ANTHRACENE	3.8E-01	5.0E+02	4.0E+01			3.8E-01		1.2E+01
BENZO(b)FLUORANTHENE	3.8E-01	5.0E+02	-			3.8E-01		4.6E+01
BENZO(k)FLUORANTHENE	3.8E-01	5.0E+02	4.0E+01			3.8E-01		2.7E+00
BENZO(g,h,i)PERYLENE	2.7E+01	5.0E+02	4.0E+01	4.6E+02	Fluoranthene	4.6E+02		2.7E+01
BENZO(a)PYRENE	3.8E-02	5.0E+02	4.0E+01			3.8E-02		1.3E+02
BERYLLIUM	4.0E+00	1.0E+03	4.0E+00			2.9E+01		
BIPHENYL, 1,1-	6.5E-01	5.0E+02	-			4.9E+02	(Use soil gas)	6.5E-01
BIS(2-CHLOROETHYL)ETHER	1.8E-04	5.0E+02	-			8.5E-02	3.7E-03	1.8E-04
BIS(2-CHLOROISOPROPYL)ETHER	5.4E-03	5.0E+02	-			2.6E+00	(Use soil gas)	5.4E-03
BIS(2-ETHYLHEXYL)PHTHALATE	6.6E+01	5.0E+02	-			1.6E+02		6.6E+01
BORON	1.6E+00	no criteria	1.6E+00			2.4E+03		
BROMODICHLOROMETHANE	1.4E-02	1.0E+03	-			3.8E-01	1.4E-02	1.9E+00
BROMOFORM	2.2E+00	5.0E+02	-			6.1E+01		2.2E+00
BROMOMETHANE	2.2E-01	5.0E+02	-			7.5E-01	2.2E-01	3.9E-01
CADMIUM	1.7E+00	1.0E+03	1.2E+01			1.7E+00		
CARBON TETRACHLORIDE	1.2E-02	5.0E+02	-			8.9E-02	1.2E-02	1.1E-01
CHLORDANE	4.4E-01	1.0E+03	-			4.4E-01		1.5E+01
CHLOROANILINE, p-	5.3E-02	1.0E+03	-			4.9E+01		5.3E-02
CHLOROBENZENE	1.5E+00	5.0E+02	3.0E+01			2.9E+01	2.7E+00	1.5E+00
CHLOROETHANE	6.3E-01	5.0E+02	-			3.0E+00	6.3E-01	8.5E-01
CHLOROFORM	8.8E-01	5.0E+02	-			8.8E-01	1.4E+02	2.1E+00
CHLOROMETHANE	7.0E-02	1.0E+02	-			3.0E-01	7.0E-02	2.1E-01
CHLOROPHENOL, 2-	1.2E-02	1.0E+02	1.0E+01			1.2E+01	7.8E-01	1.2E-02
CHROMIUM (Total)	5.8E+01	1.0E+03		58	Background	5.8E+01		
CHROMIUM III	7.5E+02	1.0E+03	7.5E+02			2.3E+04		
CHROMIUM VI	1.8E+00	1.0E+03	8.0E+00			1.8E+00		
CHRYSENE	3.8E+00	1.0E+03	4.0E+01			3.8E+00		1.9E+01
COBALT	1.0E+01	1.0E+03	4.0E+01			1.0E+01		
COPPER	2.3E+02	1.0E+03	2.3E+02			6.1E+02		

TABLE A-1. [1]SHALLOW SOIL SCREENING LEVELS (≤3m bgs)
[2]RESIDENTIAL LAND USE
(potentially impacted groundwater IS a current or potential drinking water resource)

	[2]RESIDENTIAL LAND USE (mg/kg)							
		Gross Contamination Ceiling Value (Odors, etc.)	Urban Area Ecotoxicity Criteria	Human Health				Groundwater Protection (Soil Leaching)
				Substitute Direct Exposure		Direct Exposure	Vapor Intrusion Into Buildings	Drinking Water Resource
CHEMICAL PARAMETER	Final ESL	Table H-2		Value	Basis	Table K-1	Table E-1b	Table G
CYANIDE (Free)	3.6E-03	1.0E+02	-			2.4E+02		3.6E-03
DIBENZO(a,h)ANTHTRACENE	1.1E-01	5.0E+02	-			1.1E-01		9.9E+00
DIBROMOCHLOROMETHANE	1.9E-02	1.0E+02	-			9.4E-01	1.9E-02	8.3E+00
1,2-DIBROMO-3-CHLOROPROPANE	4.5E-03	5.0E+02	-			2.7E-02	(Use soil gas)	4.5E-03
DIBROMOETHANE, 1,2-	3.3E-04	5.0E+02	-			8.7E-02	7.3E-03	3.3E-04
DICHLOROBENZENE, 1,2-	1.1E+00	6.0E+02	3.0E+01			2.1E+02	8.9E+00	1.1E+00
DICHLOROBENZENE, 1,3-	7.4E+00	1.0E+02	3.0E+01			9.9E+01	(Use soil gas)	7.4E+00
DICHLOROBENZENE, 1,4-	4.6E-02	5.0E+02	3.0E+01			2.1E+00	4.6E-02	5.9E-01
DICHLOROBENZIDINE, 3,3-	7.7E-03	5.0E+02	-			4.0E-01		7.7E-03
DICHLORODIPHENYLDICHLOROETHANE (DDD)	2.3E+00	5.0E+02	-			2.3E+00		7.5E+02
DICHLORODIPHENYLDICHLOROETHYLENE (DDE)	1.6E+00	5.0E+02	4.0E+00			1.6E+00		1.1E+03
DICHLORODIPHENYLTRICHLOROETHANE (DDT)	1.6E+00	1.0E+03	4.0E+00			1.6E+00		4.3E+00
DICHLOROETHANE, 1,1-	2.0E-01	5.0E+02	-			2.7E+00	3.2E-01	2.0E-01
DICHLOROETHANE, 1,2-	4.5E-03	5.0E+02	6.0E+01			3.4E-01	2.5E-02	4.5E-03
DICHLOROETHYLENE, 1,1-	1.0E+00	5.0E+02	-			2.4E+01	8.9E+00	1.0E+00
DICHLOROETHYLENE, Cis 1,2-	1.9E-01	1.0E+02	-			8.4E+00	1.6E+00	1.9E-01
DICHLOROETHYLENE, Trans 1,2-	6.7E-01	5.0E+02	-			1.4E+01	3.1E+00	6.7E-01
DICHLOROPHENOL, 2,4-	3.0E-01	5.0E+02	1.0E+01			3.7E+01		3.0E-01
DICHLOROPROPANE, 1,2-	5.1E-02	1.0E+02	-			6.3E-01	5.1E-02	1.2E-01
DICHLOROPROPENE, 1,3-	3.3E-02	5.0E+02	-			2.1E-01	3.3E-02	5.9E-02
DIELDRIN	2.3E-03	1.0E+03	4.0E+00			3.4E-02		2.3E-03
DIETHYLPHTHALATE	3.5E-02	5.0E+02	-			9.8E+03		3.5E-02
DIMETHYLPHTHALATE	3.5E-02	5.0E+02	-			1.2E+05		3.5E-02
DIMETHYLPHENOL, 2,4-	6.7E-01	1.0E+02	-			1.4E+02	1.1E+02	6.7E-01
DINITROPHENOL, 2,4-	4.0E-02	5.0E+02	-			2.4E+01		4.0E-02
DINITROTOLUENE, 2,4-	8.5E-04	5.0E+02	-			1.6E+00		8.5E-04
1,4 DIOXANE	1.8E-03	5.0E+02	-			1.8E+01		1.8E-03
DIOXIN (2,3,7,8-TCDD)	4.6E-06	no criteria	-			4.6E-06		
ENDOSULFAN	4.6E-03	5.0E+02	-			7.3E+01		4.6E-03
ENDRIN	6.5E-04	5.0E+02	6.0E-02			4.1E+00		6.5E-04
ETHANOL	4.5E+01	5.0E+02					(Use soil gas)	4.5E+01
ETHYLBENZENE	3.3E+00	4.0E+02	-			4.0E+02	3.9E+02	3.3E+00
FLUORANTHENE	4.0E+01	5.0E+02	4.0E+01			4.6E+02		6.0E+01
FLUORENE	8.9E+00	5.0E+02	-			4.4E+02	1.6E+02	8.9E+00
HEPTACHLOR	1.4E-02	1.0E+03	-			1.3E-01		1.4E-02
HEPTACHLOR EPOXIDE	1.5E-02	1.0E+03	-			8.8E-02		1.5E-02
HEXACHLOROBENZENE	2.7E-01	5.0E+02	3.0E+01			2.7E-01		7.9E+02
HEXACHLOROBUTADIENE	1.0E+00	5.0E+02	-			3.7E+00		1.0E+00

TABLE A-1. [1]SHALLOW SOIL SCREENING LEVELS (≤3m bgs)
[2]RESIDENTIAL LAND USE
(potentially impacted groundwater IS a current or potential drinking water resource)

	[2]RESIDENTIAL LAND USE (mg/kg)							
		Gross Contamination Ceiling Value (Odors, etc.)		Human Health				Groundwater Protection (Soil Leaching)
				Substitute Direct Exposure		Direct Exposure	Vapor Intrusion Into Buildings	Drinking Water Resource
CHEMICAL PARAMETER	Final ESL	Table H-2	Urban Area Ecotoxicity Criteria	Value	Basis	Table K-1	Table E-1b	Table G
HEXACHLOROCYCLOHEXANE (gamma) LINDANE	4.9E-02	5.0E+02	2.0E+00			5.0E-01		4.9E-02
HEXACHLOROETHANE	2.4E+00	5.0E+02	-			1.2E+01		2.4E+00
INDENO(1,2,3-cd)PYRENE	3.8E-01	5.0E+02	4.0E+01			3.8E-01		7.7E+00
LEAD	1.5E+02	1.0E+03	2.0E+02			1.50E+02		
MERCURY	3.7E+00	5.0E+02	1.0E+01			3.7E+00	(Use soil gas)	
METHOXYCHLOR	1.9E+01	5.0E+02	-			6.9E+01		1.9E+01
METHYLENE CHLORIDE	7.7E-02	5.0E+02	-			4.1E+00	5.2E-01	7.7E-02
METHYL ETHYL KETONE	3.9E+00	5.0E+02	-			1.4E+03	4.9E+02	3.9E+00
METHYL ISOBUTYL KETONE	2.8E+00	1.0E+02	-			1.5E+02	1.2E+02	2.8E+00
METHYL MERCURY	1.2E+00	1.0E+02	1.0E+01			1.2E+00		
METHYLNAPHTHALENE (total 1- & 2-)	2.5E-01	5.0E+02	-			2.6E+02	1.1E+02	2.5E-01
METHYL TERT BUTYL ETHER	2.3E-02	1.0E+02	-			3.0E+01	2.0E+00	2.3E-02
MOLYBDENUM	4.0E+01	1.0E+03	4.0E+01			7.6E+01		
NAPHTHALENE	4.6E-01	5.0E+02	4.0E+01			1.5E+00	4.6E-01	3.4E+00
NICKEL	1.5E+02	1.0E+03	1.5E+02			3.1E+02		
PENTACHLOROPHENOL	4.4E+00	5.0E+02	5.0E+00			4.4E+00		5.3E+00
PERCHLORATE	1.0E-02	1.0E+03	-			1.5E+00		1.0E-02
PHENANTHRENE	1.1E+01	5.0E+02	4.0E+01	4.4E+02	Fluorene	4.4E+02	(Use soil gas)	1.1E+01
PHENOL	7.6E-02	5.0E+02	4.0E+01			3.7E+03		7.6E-02
POLYCHLORINATED BIPHENYLS (PCBs)	2.2E-01	5.0E+02	-			2.2E-01		6.3E+00
PYRENE	8.5E+01	5.0E+02	-			3.6E+02	8.5E+01	8.5E+01
SELENIUM	1.0E+01	1.0E+03	1.0E+01			7.6E+01		
SILVER	2.0E+01	1.0E+03	2.0E+01			7.6E+01		
STYRENE	1.5E+00	5.0E+02	-			8.1E+02	4.5E+02	1.5E+00
tert-BUTYL ALCOHOL	7.3E-02	1.0E+02	-			5.7E+01	(Use soil gas)	7.3E-02
TETRACHLOROETHANE, 1,1,1,2-	2.4E-02	1.0E+02	-			3.0E+00	(Use soil gas)	2.4E-02
TETRACHLOROETHANE, 1,1,2,2-	9.1E-03	5.0E+02	-			3.7E-01	9.1E-03	1.8E-02
TETRACHLOROETHYLENE	8.7E-02	2.3E+02	-			4.3E-01	8.7E-02	7.0E-01
THALLIUM	1.0E+00	1.0E+03	-			1.0E+00		
TOLUENE	2.9E+00	5.0E+02	-			1.0E+02	1.3E+02	2.9E+00
TOXAPHENE	4.2E-04	5.0E+02	-			4.6E-01		4.2E-04
TPH (gasolines)	1.0E+02	1.0E+02	-			4.0E+02	(Use soil gas)	1.0E+02
TPH (middle distillates)	1.0E+02	1.0E+02	-			4.0E+02	(Use soil gas)	1.0E+02
TPH (residual fuels)	5.0E+02	5.0E+02	-			1.0E+03		1.0E+03
TRICHLOROBENZENE, 1,2,4-	3.8E-01	5.0E+02	3.0E+01			1.2E+01	3.8E-01	7.6E+00
TRICHLOROETHANE, 1,1,1-	7.8E+00	5.0E+02	-			3.8E+02	9.8E+01	7.8E+00
TRICHLOROETHANE, 1,1,2-	3.2E-02	1.0E+02	-			6.8E-01	3.2E-02	7.0E-02
TRICHLOROETHYLENE	2.6E-01	5.0E+02	6.0E+01			2.9E+00	2.6E-01	4.6E-01

TABLE A-1. [1]SHALLOW SOIL SCREENING LEVELS (≤3m bgs)
[2]RESIDENTIAL LAND USE
(potentially impacted groundwater IS a current or potential drinking water resource)

	[2]RESIDENTIAL LAND USE (mg/kg)							
		Gross Contamination Ceiling Value (Odors, etc.)		Human Health				Groundwater Protection (Soil Leaching)
				Substitute Direct Exposure		Direct Exposure	Vapor Intrusion Into Buildings	Drinking Water Resource
CHEMICAL PARAMETER	Final ESL	Table H-2	Urban Area Ecotoxicity Criteria	Value	Basis	Table K-1	Table E-1b	Table G
TRICHLOROPHENOL, 2,4,5-	1.8E-01	1.0E+02	1.0E+01			5.0E+02	2.3E+01	1.8E-01
TRICHLOROPHENOL, 2,4,6-	1.7E-01	5.0E+02	1.0E+01			6.9E+00		1.7E-01
VANADIUM	1.1E+02	1.0E+03	2.0E+02			1.1E+02		
VINYL CHLORIDE	6.7E-03	5.0E+02	6.0E+01			2.5E-02	6.7E-03	8.5E-02
XYLENES	2.3E+00	4.2E+02	-		m-xylenes	3.3E+02	3.1E+02	2.3E+00
ZINC	6.0E+02	1.0E+03	6.0E+02			4.6E+03		
Electrical Conductivity (mS/cm, USEPA Method 120.1 MOD)	2.0	-	-			-	-	-
Sodium Adsorption Ratio	5.0	-	-			-	-	-

Red: >25% change in comparison to July 2003 ESL. Ethanol added to February 2005 ESLs

Notes:

1. Shallow soils defined as soils situated <3 meters below ground surface.

2. "Residential Land Use" screening levels generally considered adequate for other sensitive uses (e.g., day-care centers, hospitals, etc.).

Final Environmental Screening Level is lowest of ceiling value (nuisance concerns etc.), ecotoxicity, direct-exposure, indoor-air impact, and leaching screening levels.

Assumes soil pH 5.0 to 9.0.

Soil data should be reported on dry-weight basis (see Section 6.2).

TPH -Total Petroleum Hydrocarbons. See text for discussion of different TPH categories.

Background As and total Cr based on mean soil values presented in LBNL 2002 (refer to Section 3.2.4 and Volume 1, Figure 4).

Table 2
(Table updated on 04/18/05)
Summary of Grab Groundwater Analytical Data
Former DeVincenzi Metal Products Facility
230 Adrian Road
Millbrae, California

SAMPLE ID	DATE	TPHg	B	T	E	X	MTBE	Lead
		Concentration in parts per billion (ppb)						
UST Removal								
1-PIT WATER	5/8/1996	9,000	190	36	66	950	---	<1,000
#1-PIT WATER	5/23/1996	11,000	110	12	61	170	---	<1,000
#3-TANK Water[a]	5/23/1996	8,000	140	30	4	1,000	---	---
#1-HT[a]	5/28/1996	4,000	58	<5	<5	360	---	---
Soil Borings								
B1	9/16/1997	<50	<0.5	4	<0.5	8	<0.5	---
B2	9/16/1997	<50	<0.5	<0.5	<0.5	<1	<0.5	---
B3	9/16/1997	790	150	6	45	4	91,000*	---
B4	9/16/1997	<50	<0.5	<0.5	<0.5	<1	76	---
B5	4/7/1998	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---
B6	4/7/1998	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---
B7	4/7/1998	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---
B8	4/7/1998	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---
B9	4/7/1998	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---
B10	4/7/1998	<50	<0.5	<0.5	<0.5	<1.0	<0.5	---
B11	5/5/1998	<50	<0.5	3	<0.5	8	<0.5	---
B12	5/5/1998	100	<0.5	<0.5	<0.5	<1.0	23,000	---
B13	5/5/1998	<50	<0.5	<0.5	<0.5	<1.0	<0.5*	---
B14	5/5/1998	250	29	<0.5	17	<1.0	24,000	---
B15	12/10/2003	<50	<0.5	<0.5	<0.5	<1	807*	---
B16	12/10/2003	<50	<0.5	<0.5	<0.5	<1	<0.5	---
B17	12/10/2003	59	<0.5	<0.5	<0.5	<1	<0.5	---
[b] **Environmental Screening Levels (Groundwater IS a current or potential drinking water resource)**								
Final Screening Level		100	1	40	30	20	5	2.5
Drinking Water Toxicity		210	1	150	700	1,800	13	15
Ceiling Value (odors, etc.)		100	170	40	30	20	5	50000
Indoor Air Impact		c	540	380,000	170,000	160,000	24,000	NA
Aquatic Habitat Goal		500	46	130	290	100	8,000	2.5

Notes:
TPHg = Total petroleum hydrocarbons as gasoline (EPA Method 8015)
BTEX = Benzene, Toluene, Ethylbenzene, Xylenes (EPA Method 8020)
MTBE = Methyl-tert-butyl ether (EPA Method 8020)
Lead = Lead (EPA Method 7420)
<X = Concentration less than laboratory reporting limits
--- = Not analyzed
* = Confirmed by EPA Method 8260
NA = Not available
a = Groundwater sampling collected from temporary onsite holding tank.
b Source: "Screening for Environmental concerns at Sites with Contaminated Soil and Groundwater"
California Regional Quality Control Board- Interim Final-February 2005
c = Use soil gas

North State Labs
CA ELAP # 1753
815 Dubuque Avenue • South San Francisco, CA 94080 • (650) 266-4563 • FAX (650) 266-4560

CERTIFICATE OF ANALYSIS

Job No: 96-300
Client: SEMCO
Project Name: 96-4544
Millbrae, CA

Date Sampled: 05-08-96
Date Extracted: 05-09-96
Date Analysed: 05-09-96

BTEX and Gasoline Range Organics by EPA Method 8020/8015 M Lead by Method 7420

Sample No.	Client ID	Analyte	Result	
96-300-01	1-Pit Water	Benzene	190	ug/L
		Toluene	36	ug/L
		Ethylbenzene	66	ug/L
		Xylenes	950	ug/L
		Gasoline	9	mg/L
		Lead	ND< 1	mg/L
96-300-02	2-Spoils	Benzene	ND	
		Toluene	ND	
		Ethylbenzene	ND	
		Xylenes	ND	
		Gasoline	ND	
		Lead	ND< 10	mg/kg

Quality Control Quality Assurance Summary: Soil

Analyte	Method	Reporting Limit		MS/MSD Recovery	RPD
MTBE	8020	5	ug/kg	AVG 93%	2
Benzene	8020	5	ug/kg		
Toluene	8020	5	ug/kg		
Ethylbenzene	8020	5	ug/kg		
Xylenes	8020	10	ug/kg		
Gasoline	8020	500	ug/kg	AVG 100%	1
Lead	8020	10	mg/kg	AVG 94%	1

ELAP Certication Number 1753
Reviewed and Approved by:

John A. Murphy
Laboratory Director

90-390

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

(415) 588-9652

Client: SEMCO/HKZ, Inc.	Phone: (415) 572-8033	Report to: Mark / Stan	Turnaround Time
Mailing Address: 1750 Leslie, San Mateo		Billing to: SEMCO/HKZ, Inc.	8 Hr ☐ 24 Hr ☒ 40 Hr ☐ 5 Days ☐
Site Address: 230 Adrian Rd Millbrae, CA		PO # / Billing Reference: #96-4544	Other ☐
Sampler: Stan Klemetsun	Date: 5/8/96		

ANALYSIS REQUESTED

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	TPH-D	TPH-G	BTEX	O+G	Pb					Remarks
1-Pitwater		2 VOA	5/8/96		X	X		X					
2-Spoil		1 BJ	5/8/96		X	X		X					

Relinquished by:	Date: 5/8/96 Time: 5:1	Received by:		Yes / No
Relinquished by:	Date: Time:	Received by:	Were samples Preserved ?	✓
Relinquished by:	Date: Time:	Received in lab by:	In good condition ?	✓

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

JOB NO: 96-336
CLIENT: SEMCO
PROJECT NAME: 96-4544
MILLBRAE, CA

DATE SAMPLED: 05-23-96
DATE EXTRACTED: 05-23-96
DATE ANALYZED: 05-23-96

BTXE AND GASOLINE RANGE ORGANICS BY
EPA METHOD 8020/5030 AND 8015 M
LEAD BY EPA METHOD 7420

Sample No.	Client ID	Analyte	Result	
96-336-01	#1-PIT Water	Benzene	110	ug/L
		Toluene	12	ug/L
		Ethylbenzene	61	ug/L
		Xylenes	170	ug/L
		Gasoline	11	mg/L
		Lead	ND	
96-336-02	#2 @ 6'	Benzene	51	ug/Kg
		Toluene	6	ug/Kg
		Ethylbenzene	140	ug/Kg
		Xylenes	ND<10	ug/Kg
		Gasoline	4	mg/Kg
		Lead	ND<10	mg/Kg
96-336-03	#3-TANK Water	Benzene	140	ug/L
		Toluene	30	ug/L
		Ethylbenzene	4	ug/L
		Xylenes	1000	ug/L
		Gasoline	8	mg/L

Quality Control Quality Assurance Summary: Water

Analyte	Method	Reporting limit	Blank	MS/MSD Recovery	RPD
MTBE	8020	0.5 ug/L	ND	AVG 98%	6
Benzene	8020	0.5 ug/L	ND		
Toluene	8020	0.5 ug/L	ND		
Ethylbenzene	8020	0.5 ug/L	ND		
Xylenes	8020	1 ug/L	ND		
Gasoline	8015/5030	50 ug/L	ND	AVG 96%	2
Lead	7420	1 mg/L	ND	AVG 100%	2

ELAP CERTIFICATION NUMBER 1753

Reviewed and Approved by

John Murphy
Laboratory Director

P.O.Box 5624 • South San Francisco, California 94083 • 415-588-2838 FAX 588-1950

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

JOB NO: 96-340 DATE SAMPLED: 05-28-96
CLIENT: SEMCO DATE EXTRACTED: 05-28-96
PROJECT NAME: 230 Adrian Millbrae DATE ANALYZED: 05-28-96

BTXE AND GASOLINE RANGE ORGANICS BY EPA METHOD 8020/5030 AND 8015 M

Sample No.	Client ID	Analyte	Result	
96-340-01	#1-HT	Benzene	58	ug/L
		Toluene	ND<5	ug/L
		Ethylbenzene	ND<5	ug/L
		Xylenes	360	ug/L
		Gasoline	4	mg/L

Quality Control Quality Assurance Summary: Water

Analyte	Method	Reporting limit	Blank	MS/MSD Recovery	RPD
MTBE	8020	0.5 ug/L	ND	AVG 99%	3
Benzene	8020	0.5 ug/L	ND		
Toluene	8020	0.5 ug/L	ND		
Ethylbenzene	8020	0.5 ug/L	ND		
Xylenes	8020	1 ug/L	ND		
Gasoline	8015/5030	50 ug/L	ND	AVG 81%	6

ELAP CERTIFICATION NUMBER 1753

Reviewed and Approved by

John Murphy
Laboratory Director

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96-336

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

(415) 588-9652

Client: SEMCO / HK2, INC	Phone: 415 572-8033	Report to: STAN / MARK.	Turnaround Time
Mailing Address: 1751 LESLIE ST SAN MATEO, CA		Billing to: SEMCO / HK2, INC	8 Hr ☐ 24 Hr ☒ 40 Hr ☐ 5 Days ☐
Site Address: 230 ADRIAN RD MILLBRAE, CA		PO # / Billing Reference: 96-4544	Other ☐
Sampler: [signature]	Date: 5/23/96		

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	TPH-D	TPH-G	BTEX	O+G	Pb					Remarks
#1-PIT	PIT WATER	2-VOA	5/23/96		X	X		X					
#2-PIT	WEST SIDEWALL	1-BJ	/		X	X		X					
#3-TANK	TANK WATER	2-VOA	/		X	X							

Relinquished by: [signature]	Date: 5/23/96 Time: 10 AM	Received by: [signature] 5/23/96 10:10		Yes	No
Relinquished by:	Date: Time:	Received by:	Were samples Preserved ?		
Relinquished by:	Date: Time:	Received in lab by:	In good condition ?		

North State Environmental Analytical Laboratory

Chain of Custody/Request for Analysis

10-340

(415) 588-9652

Client: SEMCO / HKZ, Inc.	Phone: (415) 572-8033	Report to: Mark / Stan.	Turnaround Time
Mailing Address: Divencenzi Metal 245 Adrian Millbrae → San Mateo		Billing to: SEMCO / HKZ, Inc.	8 Hr ☐ 24 Hr ☒ 40 Hr ☐ 5 Days ☐
Site Address:		PO # / Billing Reference:	Other ☐
Sampler: Mark Dysert	Date: 5/28/96		

ANALYSIS REQUESTED

Sample ID:	Sample Description	Container # / type	Sampling Time/Date	TPH-D	TPH-G	BTEX	O+G						Remarks
#1-HT	Holding Tank Contents	#2 VOA's	10:15am 5/28/96		X	X							

Relinquished by: Mark Dysert	Date: 5/28/96 Time: 10:40a	Received by: Jeff Tai 5/28/96 10:40 Am		Yes	No
Relinquished by:	Date: Time:	Received by:	Were samples Preserved ?	✓	
Relinquished by:	Date: Time:	Received in lab by:	In good condition ?	✓	

North State Labs
CA ELAP # 1753
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C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Millbrae / #751

Date Reported: 10/03/1997

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 97-903-01	Client ID: B1-5'			09/16/1997	SOIL
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-02	Client ID: B2-5'			09/16/1997	SOIL
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-03	Client ID: B3-5'			09/16/1997	SOIL
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

North State Labs
CA ELAP # 1753
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C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Millbrae / #751

Date Reported: 10/03/1997

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 97-903-04	Client ID: B4-5'			09/16/1997	SOIL
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	0.021	mg/kg		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-05	Client ID: B1-W			09/16/1997	WATER
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	4.0	ug/L		
Xylenes	8020	8.0	ug/L		
Sample: 97-903-06	Client ID: B2-W			09/16/1997	WATER
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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CA ELAP # 1753
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CERTIFICATE OF ANALYSIS

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Millbrae / #751

Date Reported: 10/03/1997

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 97-903-07	Client ID: B3-W			09/16/1997	WATER
Gasoline	8015M	790	ug/L		09/22/1997
Benzene	8020	150	ug/L		
Ethylbenzene	8020	45	ug/L		
MTBE	8020	*91000	ug/L		
Toluene	8020	6	ug/L		
Xylenes	8020	4	ug/L		
Sample: 97-903-08	Client ID: B4-W			09/16/1997	WATER
Gasoline	8015M	ND			09/22/1997
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	76	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-09	Client ID: MW-1			09/16/1997	WATER
Gasoline	8015M	170	ug/L		09/22/1997
Benzene	8020	26	ug/L		
Ethylbenzene	8020	3	ug/L		
MTBE	8020	130	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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CA ELAP # 1753
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CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Millbrae / #751

Date Reported: 10/03/1997

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
Gasoline	8015M	0.5	mg/Kg	ND	93	4
Benzene	8020	.005	mg/Kg	ND	100	8
Ethylbenzene	8020	.005	mg/Kg	ND	93	6
Toluene	8020	.005	mg/Kg	ND	101	7
Xylenes	8020	.010	mg/Kg	ND	88	3
MTBE	8020	.005	mg/Kg	ND	20	2
Gasoline	8015M	50	ug/L	ND	85	11
Benzene	8020	0.5	ug/L	ND	103	4
Ethylbenzene	8020	0.5	ug/L	ND	110	6
Toluene	8020	0.5	ug/L	ND	106	5
Xylenes	8020	1.0	ug/L	ND	104	4
MTBE	8020	0.5	ug/L	ND	93	17

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy, Laboratory Director

Chain of Custody

97-903

Client:	Accutite Environmental Engineering	Report to: Sami Malaeb	Turnaround Time: ~~ASAP~~ / 1 day / 2 day / 3 day / 1 week / 2 week / other
Address:	35 South Linden Avenue South San Francisco, CA 94080	Bill to: ACCUTITE	
Phone:	(415) 952-5551	Billing Reference #: 751	
Project Name/ Address:	230 ADRIAN RD. MILLBRAE, CA	Analysis Requested	
Sampler: Sami Accutite	Date: 9/16/97		

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time	TPH-G + BTEX + MTBE	Remarks
1-	B1-5'	Soil	1	Acetate Tube	9/16/97 am	X	
2-	B2-5'	Soil	1	"	9/16/97 "	X	
3-	B3-5'	Soil	1	"	9/16/97 "	X	
4-	B4-5'	Soil	1	"	9/16/97 "	X	
5-	B1-W	water	3	40 ml VOA	9/16/97 "	X	
6-	B2-W	Water	3	"	9/16/97 "	X	
7-	B3-W	Water	3	"	9/16/97 "	X	
8-	B4-W	Water	3	"	9/16/97 pm	X	
9-	MW-1	Water	3	"	9/16/97 pm	X	
10							
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Relinquished By:	Date:	Time:	Received By:
with: Sami Malaeb	9/16/97	3:05 PM	NSE CABS
Relinquished By:	Date:	Time:	Received By:
with:			
Relinquished By:	Date:	Time:	Received By:
with:			

Lab Comments

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CA ELAP # 1753
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C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-379
Client: Accutite Envir. Engin.
Project: DeVincenzi Metal Products #838

Date Reported: 04/10/1998

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-379-01	Client ID: B5-W			04/07/1998	WATER
Gasoline	8015M	ND			04/08/1998
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-379-02	Client ID: B6-W			04/07/1998	WATER
Gasoline	8015M	ND			04/08/1998
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-379-03	Client ID: B7-W			04/07/1998	WATER
Gasoline	8015M	ND			04/08/1998
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-379
Client: Accutite Envir. Engin.
Project: DeVincenzi Metal Products #838

Date Reported: 04/10/1998

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-379-04	Client ID: B8-W			04/07/1998	WATER
Gasoline	8015M	ND			04/08/1998
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-379-05	Client ID: B9-W			04/07/1998	WATER
Gasoline	8015M	ND			04/08/1998
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-379-06	Client ID: B10-W			04/07/1998	WATER
Gasoline	8015M	ND			04/08/1998
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-379
Client: Accutite Envir. Engin.
Project: DeVincenzi Metal Products #838

Date Reported: 04/10/1998

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-379-07	Client ID: MW-1			04/07/1998	WATER
Gasoline	8015M	ND			04/08/1998
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	*3800	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 98-379
Client: Accutite Envir. Engin.
Project: DeVincenzi Metal Products #838

Date Reported: 04/10/1998

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
Gasoline	8015M	50	ug/L	ND	86	0
Benzene	8020	0.5	ug/L	ND	100	21
Ethylbenzene	8020	0.5	ug/L	ND	99	22
Toluene	8020	0.5	ug/L	ND	98	21
Xylenes	8020	1.0	ug/L	ND	101	16
MTBE	8020	0.5	ug/L	ND	93	11

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy,Laboratory Director

98-329

Client:	Accutite Environmental Engineering
Address:	35 South Linden Avenue South San Francisco, CA 94080
Phone:	(415) 952-5551
Project Name/ Address:	DeVincenzi Metal Products 230 Adrian Rd. Millbrae, CA
Sampler: Sami Malaeb	Date: 4/7/98

Report to: Sami Malaeb

Bill to: ACCUTITE

Billing Reference #: 838

Turnaround Time: (ASAP) 1 day 2 day 3 day 1 week 2 week other

2 day confirm MTBE using GC/MS EPA METHOD 8260

Analysis Requested

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time	TPH-G + BTEX + MTBE	Remarks
-1	1 B5-W	Water	3	40 ml VOAs	4/7/98 a.m.	X	
-2	2 B6-W	"	3	"	" "	X	
-3	3 B7-W	"	3	"	" "	X	
-4	4 B8-W	"	3	"	" "	X	
-5	5 B9-W	"	3	"	" "	X	
-6	6 B10-W	"	3	"	" "	X	
-7	7 MW-1	"	3	"	" "	X	
	8 B5-5'	Soil	1	Acetate Tube	" "		Place on hold
	9 B6-5'	"	1	"	" "		"
	10 B7-5'	"	1	"	" "		"
	11 B8-5'	"	1	"	" "		"
	12 B9-5'	"	1	"	" "		"
	13 B10-5'	"	1	"	" "		"
	14						
	15						
	16						
	17						
	18						
	19						
	20						

Relinquished By:	Date:	Time:	Received By:
with: Sami Malaeb	4/7/98	12:50	Y. Brodskaya MB
Relinquished By:	Date:	Time:	Received By:
with:			
Relinquished By:	Date:	Time:	Received By:
with:			

Lab Comments

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-487
Client: Accutite Envir. Engin.
Project: 230 ADRIAN ROAD MILLBRAE, CA
Ref # 913
Date Reported: 05/18/98

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-487-01	Client ID: B11-W			05/05/98	WATER
Gasoline	8015M	ND			05/05/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	3	ug/L		
Xylenes	8020	8	ug/L		
Sample: 98-487-02	Client ID: B12-W			05/05/98	WATER
Gasoline	8015M	100	ug/L		05/05/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	23000	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-487-03	Client ID: B13-W			05/05/98	WATER
Gasoline	8015M	ND			05/05/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	*ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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North State Labs
CA ELAP # 1753
815 Dubuque Avenue • South San Francisco, CA 94080 • **(650) 266-4563** • FAX (650) 266-4560

CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 98-379
Client: Accutite Envir. Engin.
Project: DeVincenzi Metal Products #838

Date Reported: 04/10/1998

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
Gasoline	8015M	50	ug/L	ND	86	0
Benzene	8020	0.5	ug/L	ND	100	21
Ethylbenzene	8020	0.5	ug/L	ND	99	22
Toluene	8020	0.5	ug/L	ND	98	21
Xylenes	8020	1.0	ug/L	ND	101	16
MTBE	8020	0.5	ug/L	ND	93	11

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy,Laboratory Director

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-487
Client: Accutite Envir. Engin.
Project: 230 ADRIAN ROAD MILLBRAE, CA
Ref # 913
Date Reported: 05/18/98

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-487-04	Client ID: B14-W			05/05/98	WATER
Gasoline	8015M	250	ug/L		05/05/98
Benzene	8020	29	ug/L		
Ethylbenzene	8020	17	ug/L		
MTBE	8020	24000	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 98-487
Client: Accutite Envir. Engin.
Project: 230 ADRIAN ROAD MILLBRAE, CA
Ref # 913
Date Reported: 05/18/98

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
Gasoline	8015M	50	ug/L	ND	95	3
Benzene	8020	0.5	ug/L	ND	97	16
Ethylbenzene	8020	0.5	ug/L	ND	89	17
Toluene	8020	0.5	ug/L	ND	93	16
Xylenes	8020	1.0	ug/L	ND	88	12
MTBE	8020	0.5	ug/L	ND	104	13

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy,Laboratory Director

P. O. Box 5624 • South San Francisco, California 94083 • 650-588-2838 FAX 588-1950

Chain of Custody

Client:	Accutite Environmental Engineering	Report to: Sami Malaeb	Turnaround Time: ASAP / 1 day / 2 day / 3 day / 1 week / 2 week / other
Address:	35 South Linden Avenue South San Francisco, CA 94080	Bill to: ACCUTITE	
Phone:	(415) 952-5551	Billing Reference #: 913	
Project Name/ Address:	DeVincenzi Metal Products 230 Adrian Road Millbrae, CA	Analysis Requested	please confirm MTBE using GC/MS EPA 8260.
Sampler: Sami M.	Date: 5/5/98		

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time	TPH-G+BTEX+MTBE	Remarks
1	B11-W	water	3	40 ml VOA's	5/5/98 ~11:40 a.m.	X	
2	B12-W	water	3	40 ml VOA's	" "	X	
3	B13-W	water	3	40 ml VOA's	" "	X	
4	B14-W	water	3	40 ml VOA's	" "	X	
5	B11-5'	soil	1	Acetate Tube	" "		Place on hold
6	B12-5'	soil	1	Acetate Tube	" "		" " "
7	B13-5'	soil	1	Acetate Tube	" "		" " "
8	B14-5'	soil	1	Acetate Tube	" "		" " "
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Relinquished By:	Date:	Time:	Received By:
with: Sami Malaeb	5/5/98	2:00pm	
Relinquished By:	Date:	Time:	Received By:
with:			
Relinquished By:	Date:	Time:	Received By:
with:			

Lab Comments

Client:	Accutite Environmental Engineering	Report to: Sami Malaeb	Turnaround Time: ASAP / 1 day / 2 day / 3 day / (1 week) / 2 week / other
Address:	35 South Linden Avenue South San Francisco, CA 94080	Bill to: ACCUTITE	
Phone:	(415) 952-5551	Billing Reference #: 912	
Project Name/ Address:	De Vincenzi Metal products, Inc. 230 Adrian Rd Millbrae, CA	Analysis Requested	please Confirm MTBE using GC/MS EPA Method 8260.
Sampler: Dave M.	Date: 5/5/98		

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time	TPH-G + BTEX + MTBE	Remarks
1	B14-W	Water	3	40 ml VOAs	5/5/98 ~ 11:40 a.m.		
2							
3							
4							
5							
6							
7							
8							
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16							
17							
18							
19							
20							

Relinquished By:	Date:	Time:	Received By:
with: Dave Malaeb	5/5/98	1245	
Relinquished By:	Date:	Time:	Received By:
with:			
Relinquished By:	Date:	Time:	Received By:
with:	5/5/98	12:45	

Lab Comments

aboratory Report Project Overview

1.2a

Laboratory:	North State Environmental, South San Francisco, CA
Lab Report Number:	03-1813
Project Name:	230 ADRIAN RD. MILLBRAE
Work Order Number:	03-1813
Control Sheet Number:	T0608100904

Case Narrative

North State Environmental, South San Francisco, CA

Report Date:	12/17/2003	Project:	230 ADRIAN RD. MILLBRAE
Report Number:	03-1813	Order #:	03-1813

Two soil and three water samples were analyzed for gasoline by method 8015M, BTEX and MTBE by method 8021B. No errors were noted during analysis.

Approved by: _____ Date: 12/17/03

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
03-1813	B-15	03-1813-03	W	CS	SW8020F	SW5030B	12/10/2003	12/16/2003	12/16/2003	12153MGBXW	1	
03-1813	B-16	03-1813-04	W	CS	SW8020F	SW5030B	12/10/2003	12/16/2003	12/16/2003	12153MGBXW	1	
03-1813	B-17	03-1813-05	W	CS	SW8020F	SW5030B	12/10/2003	12/15/2003	12/15/2003	12153MGBXW	1	
03-1813	B15-2.5	03-1813-01	SO	CS	SW8020F	SW5030	12/10/2003	12/15/2003	12/15/2003	12153MGBXS	1	
03-1813	B17-2	03-1813-02	SO	CS	SW8020F	SW5030	12/10/2003	12/15/2003	12/15/2003	12153MGBXS	1	
		03-1808-03	SO	NC	SW8020F	SW5030	/ /	12/15/2003	12/15/2003	12153MGBXS	1	
		LCSD	W	BD1	SW8020F	SW5030B	/ /	12/15/2003	12/15/2003	12153MGBXW	1	
		LCS	W	BS1	SW8020F	SW5030B	/ /	12/15/2003	12/15/2003	12153MGBXW	1	
		BLK	SO	LB1	SW8020F	SW5030	/ /	12/15/2003	12/15/2003	12153MGBXS	1	
		BLK	W	LB1	SW8020F	SW5030B	/ /	12/12/2003	12/12/2003	12153MGBXW	1	
		1808-03MS	SO	MS1	SW8020F	SW5030	/ /	12/15/2003	12/15/2003	12153MGBXS	1	
		1808-03MSD	SO	SD1	SW8020F	SW5030	/ /	12/15/2003	12/15/2003	12153MGBXS	1	

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1813	Method:	SW8020F
		Prep Meth:	SW5030

Field ID:	B15-2.5	Lab Samp ID:	03-1813-01
Descr/Location:	B-15	Rec'd Date:	12/10/2003
Sample Date:	12/10/2003	Prep Date:	12/15/2003
Sample Time:	NA	Analysis Date:	12/15/2003
Matrix:	Soil	QC Batch:	12153MGBXS
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	50.6	500.	PQL		ND	UG/KG	1
Benzene	1.19	5.	PQL		ND	UG/KG	1
Toluene	1.30	5.	PQL		ND	UG/KG	1
Ethylbenzene	1.33	5.	PQL		ND	UG/KG	1
Xylenes	3.04	10.	PQL		ND	UG/KG	1
Methyl-tert-butyl ether (MTBE)	2.57	5.	PQL		ND	UG/KG	1

Approved by: _____ Date: _____

Project Name: 230 ADRIAN RD.
Project No: 03-1813

Analysis: BTEX/Gasoline Range Organics (SW8020/8015)
Method: SW8020F
Prep Meth: SW5030

Field ID: B17-2
Descr/Location: B-17
Sample Date: 12/10/2003
Sample Time: NA
Matrix: Soil
Basis: Wet

Lab Samp ID: 03-1813-02
Rec'd Date: 12/10/2003
Prep Date: 12/15/2003
Analysis Date: 12/15/2003
QC Batch: 12153MGBXS
Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	50.6	500.	PQL		ND	UG/KG	1
Benzene	1.19	5.	PQL		ND	UG/KG	1
Toluene	1.30	5.	PQL		ND	UG/KG	1
Ethylbenzene	1.33	5.	PQL		ND	UG/KG	1
Xylenes	3.04	10.	PQL		ND	UG/KG	1
Methyl-tert-butyl ether (MTBE)	2.57	5.	PQL		ND	UG/KG	1

Approved by: _____ Date: _____

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1813	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	B-15	Lab Samp ID:	03-1813-03
Descr/Location:	B-15	Rec'd Date:	12/10/2003
Sample Date:	12/10/2003	Prep Date:	12/16/2003
Sample Time:	NA	Analysis Date:	12/16/2003
Matrix:	Water	QC Batch:	12153MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	4.066	50.	PQL		ND	UG/L	1
Benzene	0.076	0.5	PQL		ND	UG/L	1
Toluene	0.160	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.215	0.5	PQL		ND	UG/L	1
Xylenes	0.211	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.088	0.5	PQL	GI	807.	UG/L	1

GI: Analyte confirmed by GC/MS

Approved by: _____ Date: _____

Project Name: 230 ADRIAN RD.
Project No: 03-1813

Analysis: BTEX/Gasoline Range Organics (SW8020/8015)
Method: SW8020F
Prep Meth: SW5030B

Field ID: B-16
Descr/Location: B-16
Sample Date: 12/10/2003
Sample Time: NA
Matrix: Water
Basis: Wet

Lab Samp ID: 03-1813-04
Rec'd Date: 12/10/2003
Prep Date: 12/16/2003
Analysis Date: 12/16/2003
QC Batch: 12153MGBXW
Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	4.066	50.	PQL		ND	UG/L	1
Benzene	0.076	0.5	PQL		ND	UG/L	1
Toluene	0.160	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.215	0.5	PQL		ND	UG/L	1
Xylenes	0.211	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.088	0.5	PQL		ND	UG/L	1

Approved by: _____ Date: _____

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1813	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	B-17	Lab Samp ID:	03-1813-05
Descr/Location:	B-17	Rec'd Date:	12/10/2003
Sample Date:	12/10/2003	Prep Date:	12/15/2003
Sample Time:	NA	Analysis Date:	12/15/2003
Matrix:	Water	QC Batch:	12153MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	4.066	50.	PQL		59.	UG/L	1
Benzene	0.076	0.5	PQL		ND	UG/L	1
Toluene	0.160	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.215	0.5	PQL		ND	UG/L	1
Xylenes	0.211	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.088	0.5	PQL		ND	UG/L	1

Approved by: _____ Date: _____

QA/QC Report
Method Blank Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

QC Batch:	12153MGBXS	Analysis:	BTEX/Gasoline Range Organics
Matrix:	Soil	Method:	SW8020F
Lab Samp ID:	BLK	Prep Meth:	SW5030
Analysis Date:	12/15/2003	Prep Date:	12/15/2003
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	50.6	500.	PQL		ND	UG/KG	1
Benzene	1.19	5.	PQL		ND	UG/KG	1
Toluene	1.30	5.	PQL		ND	UG/KG	1
Ethylbenzene	1.33	5.	PQL		ND	UG/KG	1
Xylenes	3.04	10.	PQL		ND	UG/KG	1
Methyl-tert-butyl ether (MTBE)	2.57	5.	PQL		ND	UG/KG	1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

North State Environmental, South San Francisco, CA

QC Batch: 12153MGBXS
Matrix: Soil
Lab Samp ID: 1808-03MS
Basis: Wet

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 03-1808-03

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units		% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
enzene	SW8020F	250.	250.	ND	308.	305.	UG/KG	ww	123	122	0.82	128-77	MSA	16MSP
thylbenzene	SW8020F	250.	250.	ND	271.	271.	UG/KG	ww	108	108	0.00	123-84	MSA	15MSP
asoline Range Organics	SW8020F	2500.	2500.	ND	3110.	3120.	UG/KG	ww	124	125	0.80	125-70	MSA	17MSP
ethyl-tert-butyl ether (MTBE)	SW8020F	250.	250.	ND	304.	303.	UG/KG	ww	122	121	0.82	132-75	MSA	11MSP
oluene	SW8020F	250.	250.	ND	293.	293.	UG/KG	ww	117	117	0.00	127-83	MSA	13MSP
ylenes	SW8020F	750.	750.	ND	824.	824.	UG/KG	ww	110	110	0.00	127-85	MSA	11MSP

QA/QC Report
Method Blank Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

QC Batch:	12153MGBXW	Analysis:	BTEX/Gasoline Range Organics
Matrix:	Water	Method:	SW8020F
Lab Samp ID:	BLK	Prep Meth:	SW5030B
Analysis Date:	12/12/2003	Prep Date:	12/12/2003
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	4.066	50.	PQL		ND	UG/L	1
Benzene	0.076	0.5	PQL		ND	UG/L	1
Toluene	0.160	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.215	0.5	PQL		ND	UG/L	1
Xylenes	0.211	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.088	0.5	PQL		ND	UG/L	1

QA/QC Report
Blank Spike/Duplicate Blank Spike Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1813 Date: 12/17/2003

QC Batch: 12153MGBXW
Matrix: Water
Lab Samp ID: LCS

Analyte	Analysis Method	Spike Level LCS	Spike Level LCD	Spike Result LCS	Spike Result LCD	Units		% Recoveries LCS	% Recoveries LCD	% Recoveries RPD	Acceptance Criteria %Rec		Acceptance Criteria RPD
Benzene	SW8020F	100.	100.	107.	108.	UG/L	ww	107	108	0.93	123-59	MSA	21MSP
Ethylbenzene	SW8020F	100.	100.	110.	110.	UG/L	ww	110	110	0.00	130-76	MSA	15MSP
Gasoline Range Organics	SW8020F	1000.	1000.	1290.	1300.	UG/L	ww	129	130	0.77	133-64	MSA	25MSP
Methyl-tert-butyl ether (MTBE)	SW8020F	100.	100.	107.	109.	UG/L	ww	107	109	1.9	121-59	MSA	28MSP
Toluene	SW8020F	100.	100.	110.	113.	UG/L	ww	110	113	2.7	119-75	MSA	11MSP
Xylenes	SW8020F	300.	300.	348.	351.	UG/L	ww	116	117	0.86	129-78	MSA	11MSP

35 South Linden Avenue
South San Francisco, CA 94080
Ph No.: (650)952 5551, Fax No.: (650)952 7631

Chain of Custody

03-18,3

Client : Devincenzi
Project Name :
Project Address : 230 Adrian Road Millbrae, CA
Global ID :
Sampler : Tom C. Date : 12/10/03

Report to : Tom C.
Bill to : TEC Accutite
P O No. : 8596

Analysis Required: TPHg/BTEX/MTBE 8015/8020

Turn-around Time: ASAP | 1 Day | 2 Days | 3 Days | (1 Week) | 2 Weeks | Others :

Remarks: Confirm positive MTBE detections with EPA Method 8260.

	Field Point ID	Sample ID	Sample Matrix	No. of Containers	Container Type	Sample Date & Time	TPHg/BTEX/MTBE 8015/8020
1	B-15	B15-2.5	Soil	1	sleeve	12/10/03	✓
2	B-17	B17-2	Soil	1	sleeve	12/10/03	✓
3							
3 4	B-15	B-15	water	2	VOA w/ HCL	12/10/03 10:10	✓
4 5	B-16	B-16	water	3	VOA w/ HCL	12/10/03 10:50	✓
5 6	B-17	B-17	water	3	VOA w/ HCL	12/10/03 9:30	✓
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Relinquished by :	Date: 12/10/03	Time: 13:00	Received by:	Date: 12/10/03	Time: 13:00
Relinquished by :	Date:	Time:	Received by:	Date:	Time:

Screening For Environmental Concerns At Sites With Contaminated Soil and Groundwater

Volume 1: Summary Tier 1 Lookup Tables

Prepared by:
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

INTERIM FINAL - February 2005

TABLE F-1a. GROUNDWATER SCREENING LEVELS
(groundwater IS a current or potential drinking water resource)
(ug/l)

CHEMICAL PARAMETER	[1]Final Groundwater Screening Level	Basis	Ceiling Value (Taste & Odors, etc.) Table I-1	Drinking Water (Toxicity) Table F-3	Vapor Intrusion Into Buildings Table E-1a	Aquatic Habitat Goal (Chronic) Table F-4a
ACENAPHTHENE	2.0E+01	Ceiling Value	2.0E+01	4.2E+02	4.2E+03	2.3E+01
ACENAPHTHYLENE	3.0E+01	Aquatic Habitat Goal	2.0E+03	2.8E+02	(Use soil gas)	3.0E+01
ACETONE	1.5E+03	Aquatic Habitat Goal	2.0E+04	6.3E+03	5.3E+07	1.5E+03
ALDRIN	2.0E-03	Drinking Water Toxicity	8.5E+00	2.0E-03		1.3E-01
ANTHRACENE	7.3E-01	Aquatic Habitat Goal	2.2E+01	2.1E+03	4.3E+01	7.3E-01
ANTIMONY	6.0E+00	Drinking Water Toxicity	5.0E+04	6.0E+00		3.0E+01
ARSENIC	3.6E+01	Aquatic Habitat Goal	5.0E+04	5.0E+01		3.6E+01
BARIUM	1.0E+03	Drinking Water Toxicity	5.0E+04	1.0E+03		1.0E+03
BENZENE	1.0E+00	Drinking Water Toxicity	1.7E+02	1.0E+00	5.4E+02	4.6E+01
BENZO(a)ANTHRACENE	2.7E-02	Aquatic Habitat Goal	5.0E+00	2.9E-02		2.7E-02
BENZO(b)FLUORANTHENE	2.9E-02	Aquatic Habitat Goal	7.0E+00	2.9E-02		2.9E-02
BENZO(k)FLUORANTHENE	2.9E-02	Drinking Water Toxicity	4.0E-01	2.9E-02		3.7E+00
BENZO(g,h,i)PERYLENE	1.0E-01	Aquatic Habitat Goal	1.3E-01	2.8E+02		1.0E-01
BENZO(a)PYRENE	1.4E-02	Aquatic Habitat Goal	1.9E+00	2.0E-01		1.4E-02
BERYLLIUM	2.7E+00	Aquatic Habitat Goal	5.0E+04	4.0E+00		2.7E+00
BIPHENYL, 1,1-	5.0E-01	Ceiling Value	5.0E-01	3.5E+02	(Use soil gas)	1.4E+01
BIS(2-CHLOROETHYL)ETHER	1.4E-02	Drinking Water Toxicity	3.6E+02	1.4E-02	6.5E+01	6.1E+01
BIS(2-CHLOROISOPROPYL)ETHER	5.0E-01	Drinking Water Toxicity	3.2E+02	5.0E-01	(Use soil gas)	6.1E+01
BIS(2-ETHYLHEXYL)PHTHALATE	4.0E+00	Drinking Water Toxicity	6.5E+02	4.0E+00		3.2E+01
BORON	1.6E+00	Aquatic Habitat Goal	5.0E+04	1.0E+03		1.6E+00
BROMODICHLOROMETHANE	1.0E+02	Drinking Water Toxicity	5.0E+04	1.0E+02	1.7E+02	3.2E+03
BROMOFORM	1.0E+02	Drinking Water Toxicity	5.1E+02	1.0E+02		3.2E+03
BROMOMETHANE	9.8E+00	Drinking Water Toxicity	5.0E+04	9.8E+00	5.8E+02	1.6E+02
CADMIUM	1.1E+00	Aquatic Habitat Goal	5.0E+04	5.0E+00		1.1E+00
CARBON TETRACHLORIDE	5.0E-01	Drinking Water Toxicity	5.2E+02	5.0E-01	9.3E+00	9.8E+00
CHLORDANE	4.0E-03	Aquatic Habitat Goal	2.5E+00	1.0E-01		4.0E-03
CHLOROANILINE, p-	5.0E+00	Aquatic Habitat Goal	5.0E+04	2.8E+01		5.0E+00
CHLOROBENZENE	2.5E+01	Aquatic Habitat Goal	5.0E+01	7.0E+01	1.3E+04	2.5E+01
CHLOROETHANE	1.2E+01	Aquatic Habitat Goal	1.6E+01	1.2E+01	8.2E+02	1.2E+01
CHLOROFORM	7.0E+01	Drinking Water Toxicity	2.4E+03	7.0E+01	3.3E+02	6.2E+02
CHLOROMETHANE	1.3E+00	Drinking Water Toxicity	5.0E+04	1.3E+00	4.1E+01	3.2E+03
CHLOROPHENOL, 2-	1.8E-01	Ceiling Value	1.8E-01	3.5E+01	5.3E+03	4.4E+02
CHROMIUM (Total)	5.0E+01	Drinking Water Toxicity	5.0E+04	5.0E+01		1.8E+02
CHROMIUM III	1.8E+02	Aquatic Habitat Goal	5.0E+04	2.0E+05		1.8E+02
CHROMIUM VI	1.1E+01	Aquatic Habitat Goal	5.0E+04	2.1E+01		1.1E+01
CHRYSENE	2.9E-01	Drinking Water Toxicity	8.0E-01	2.9E-01	(Use soil gas)	3.5E-01
COBALT	3.0E+00	Aquatic Habitat Goal	5.0E+04	1.4E+02		3.0E+00
COPPER	3.1E+00	Aquatic Habitat Goal	1.0E+03	1.3E+03		3.1E+00

TABLE F-1a. GROUNDWATER SCREENING LEVELS
(groundwater IS a current or potential drinking water resource)
(ug/l)

CHEMICAL PARAMETER	[1]Final Groundwater Screening Level	Basis	Ceiling Value (Taste & Odors, etc.) Table I-1	Drinking Water (Toxicity) Table F-3	Vapor Intrusion into Buildings Table E-1a	Aquatic Habitat Goal (Chronic) Table F-4a
CYANIDE (Free)	1.0E+00	Aquatic Habitat Goal	1.7E+02	2.0E+02	(Use soil gas)	1.0E+00
DIBENZO(a,h)ANTHTRACENE	8.5E-03	Drinking Water Toxicity	2.5E-01	8.5E-03		7.5E+00
DIBROMOCHLOROMETHANE	1.0E+02	Drinking Water Toxicity	5.0E+04	1.0E+02	1.7E+02	3.2E+03
1,2-DIBROMO-3-CHLOROPROPANE	2.0E-01	Aquatic Habitat Goal	1.0E+01	2.0E-01	(Use soil gas)	2.0E-01
DIBROMOETHANE, 1,2-	5.0E-02	Drinking Water Toxicity	5.0E+04	5.0E-02	1.5E+02	1.4E+03
DICHLOROBENZENE, 1,2-	1.0E+01	Ceiling Value	1.0E+01	6.0E+02	7.7E+04	1.4E+01
DICHLOROBENZENE, 1,3-	6.5E+01	Aquatic Habitat Goal	5.0E+04	2.1E+02	(Use soil gas)	6.5E+01
DICHLOROBENZENE, 1,4-	5.0E+00	Ceiling Value	5.0E+00	5.0E+00	3.4E+02	1.5E+01
DICHLOROBENZIDINE, 3,3-	2.9E-02	Drinking Water Toxicity	1.6E+03	2.9E-02		2.5E+02
DICHLORODIPHENYLDICHLOROETHANE (DDD)	1.0E-03	Aquatic Habitat Goal	8.0E+01	1.5E-01		1.0E-03
DICHLORODIPHENYLDICHLOROETHYLENE (DDE)	1.0E-03	Aquatic Habitat Goal	2.0E+01	1.0E-01		1.0E-03
DICHLORODIPHENYLTRICHLOROETHANE (DDT)	1.0E-03	Aquatic Habitat Goal	1.5E+00	1.0E-01		1.0E-03
DICHLOROETHANE, 1,1-	5.0E+00	Drinking Water Toxicity	5.0E+04	5.0E+00	1.0E+03	4.7E+01
DICHLOROETHANE, 1,2-	5.0E-01	Drinking Water Toxicity	7.0E+03	5.0E-01	2.0E+02	1.0E+04
DICHLOROETHYLENE, 1,1-	6.0E+00	Drinking Water Toxicity	1.5E+03	6.0E+00	6.3E+03	2.5E+01
DICHLOROETHYLENE, Cis 1,2-	6.0E+00	Drinking Water Toxicity	5.0E+04	6.0E+00	6.2E+03	5.9E+02
DICHLOROETHYLENE, Trans 1,2-	1.0E+01	Drinking Water Toxicity	2.6E+02	1.0E+01	6.7E+03	5.9E+02
DICHLOROPHENOL, 2,4-	3.0E-01	Ceiling Value	3.0E-01	2.1E+01		1.8E+02
DICHLOROPROPANE, 1,2-	5.0E+00	Drinking Water Toxicity	1.0E+01	5.0E+00	2.8E+02	1.5E+03
DICHLOROPROPENE, 1,3-	5.0E-01	Drinking Water Toxicity	5.0E+04	5.0E-01	5.3E+01	1.2E+02
DIELDRIN	1.9E-03	Aquatic Habitat Goal	4.1E+01	2.2E-03		1.9E-03
DIETHYLPHTHALATE	1.5E+00	Aquatic Habitat Goal	5.0E+04	5.6E+03		1.5E+00
DIMETHYLPHTHALATE	1.5E+00	Aquatic Habitat Goal	5.0E+04	7.0E+04		1.5E+00
DIMETHYLPHENOL, 2,4-	1.0E+02	Drinking Water Toxicity	4.0E+02	1.0E+02	2.5E+06	1.1E+02
DINITROPHENOL, 2,4-	1.4E+01	Drinking Water Toxicity	5.0E+04	1.4E+01		7.5E+01
DINITROTOLUENE, 2,4-	1.1E-01	Drinking Water Toxicity	5.0E+04	1.1E-01		1.2E+02
1,4 DIOXANE	3.0E+00	Drinking Water Toxicity	5.0E+04	3.0E+00		3.4E+05
DIOXIN (2,3,7,8-TCDD)	5.0E-06	Aquatic Habitat Goal	7.0E+03	3.0E-05		5.0E-06
ENDOSULFAN	8.7E-03	Aquatic Habitat Goal	7.5E+01	4.2E+01		8.7E-03
ENDRIN	2.3E-03	Aquatic Habitat Goal	4.1E+01	2.0E+00		2.3E-03
ETHANOL	5.0E+04	Ceiling Value	5.0E+04			
ETHYLBENZENE	3.0E+01	Ceiling Value	3.0E+01	7.0E+02	1.7E+05	2.9E+02
FLUORANTHENE	8.0E+00	Aquatic Habitat Goal	1.3E+02	2.8E+02		8.0E+00
FLUORENE	3.9E+00	Aquatic Habitat Goal	9.5E+02	2.8E+02	1.9E+03	3.9E+00
HEPTACHLOR	3.8E-03	Aquatic Habitat Goal	2.0E+01	1.0E-02		3.8E-03
HEPTACHLOR EPOXIDE	3.8E-03	Aquatic Habitat Goal	1.8E+02	1.0E-02		3.8E-03
HEXACHLOROBENZENE	1.0E+00	Drinking Water Toxicity	5.5E+01	1.0E+00		3.7E+00
HEXACHLOROBUTADIENE	2.1E-01	Drinking Water Toxicity	6.0E+00	2.1E-01		4.7E+00

TABLE F-1a. GROUNDWATER SCREENING LEVELS
(groundwater IS a current or potential drinking water resource)
(ug/l)

CHEMICAL PARAMETER	[1]Final Groundwater Screening Level	Basis	Ceiling Value (Taste & Odors, etc.) Table I-1	Drinking Water (Toxicity) Table F-3	Vapor Intrusion into Buildings Table E-1a	Aquatic Habitat Goal (Chronic) Table F-4a
HEXACHLOROCYCLOHEXANE (gamma) LINDANE	8.0E-02	Aquatic Habitat Goal	3.5E+03	2.0E-01		8.0E-02
HEXACHLOROETHANE	7.0E-01	Drinking Water Toxicity	1.0E+01	7.0E-01		1.2E+01
INDENO(1,2,3-cd)PYRENE	2.9E-02	Aquatic Habitat Goal	2.7E-01	2.9E-02		2.9E-02
LEAD	2.5E+00	Aquatic Habitat Goal	5.0E+04	1.5E+01		2.5E+00
MERCURY	1.2E-02	Aquatic Habitat Goal	5.0E+04	2.0E+00	(Use soil gas)	1.2E-02
METHOXYCHLOR	1.9E-02	Aquatic Habitat Goal	2.0E+01	4.0E+01		1.9E-02
METHYLENE CHLORIDE	5.0E+00	Drinking Water Toxicity	9.1E+03	5.0E+00	2.4E+03	2.2E+03
METHYL ETHYL KETONE	4.2E+03	Drinking Water Toxicity	8.4E+03	4.2E+03	2.4E+07	1.4E+04
METHYL ISOBUTYL KETONE	1.2E+02	Drinking Water Toxicity	1.3E+03	1.2E+02	3.0E+06	1.7E+02
METHYL MERCURY	3.0E-03	Aquatic Habitat Goal	5.0E+04	7.0E-02		3.0E-03
METHYLNAPHTHALENE (total 1- & 2-)	2.1E+00	Aquatic Habitat Goal	1.0E+01	2.8E+02	2.6E+04	2.1E+00
METHYL TERT BUTYL ETHER	5.0E+00	Ceiling Value	5.0E+00	1.3E+01	2.4E+04	8.0E+03
MOLYBDENUM	3.5E+01	Drinking Water Toxicity	5.0E+04	3.5E+01		2.4E+02
NAPHTHALENE	1.7E+01	Drinking Water Toxicity	2.1E+01	1.7E+01	3.2E+03	2.4E+01
NICKEL	8.2E+00	Aquatic Habitat Goal	5.0E+04	1.0E+02		8.2E+00
PENTACHLOROPHENOL	1.0E+00	Drinking Water Toxicity	3.0E+01	1.0E+00		7.9E+00
PERCHLORATE	6.0E+00	Drinking Water Toxicity	5.0E+04	6.0E+00		6.0E+02
PHENANTHRENE	4.6E+00	Aquatic Habitat Goal	4.1E+02	2.8E+02	(Use soil gas)	4.6E+00
PHENOL	5.0E+00	Ceiling Value	5.0E+00	4.2E+03		1.3E+03
POLYCHLORINATED BIPHENYLS (PCBs)	1.4E-02	Aquatic Habitat Goal	1.6E+01	5.0E-01		1.4E-02
PYRENE	2.0E+00	Aquatic Habitat Goal	6.8E+01	2.1E+02	1.4E+02	2.0E+00
SELENIUM	5.0E+00	Aquatic Habitat Goal	5.0E+04	5.0E+01		5.0E+00
SILVER	1.9E-01	Aquatic Habitat Goal	1.0E+02	1.0E+02		1.9E-01
STYRENE	1.0E+01	Ceiling Value	1.0E+01	1.0E+02	3.1E+05	1.0E+02
tert-BUTYL ALCOHOL	1.2E+01	Drinking Water Toxicity	5.0E+04	1.2E+01	(Use soil gas)	1.8E+04
TETRACHLOROETHANE, 1,1,1,2-	1.3E+00	Drinking Water Toxicity	5.0E+04	1.3E+00	(Use soil gas)	9.3E+02
TETRACHLOROETHANE, 1,1,2,2-	1.0E+00	Drinking Water Toxicity	5.0E+02	1.0E+00	1.9E+02	4.2E+02
TETRACHLOROETHYLENE	5.0E+00	Drinking Water Toxicity	1.7E+02	5.0E+00	1.2E+02	1.2E+02
THALLIUM	2.0E+00	Drinking Water Toxicity	5.0E+04	2.0E+00		2.0E+01
TOLUENE	4.0E+01	Ceiling Value	4.0E+01	1.5E+02	3.8E+05	1.3E+02
TOXAPHENE	2.0E-04	Aquatic Habitat Goal	1.4E+02	3.0E+00		2.0E-04
TPH (gasolines)	1.0E+02	Ceiling Value	1.0E+02	2.1E+02	(Use soil gas)	5.0E+02
TPH (middle distillates)	1.0E+02	Ceiling Value	1.0E+02	2.1E+02	(Use soil gas)	6.4E+02
TPH (residual fuels)	1.0E+02	Ceiling Value	1.0E+02	2.1E+02		6.4E+02
TRICHLOROBENZENE, 1,2,4-	2.5E+01	Aquatic Habitat Goal	3.0E+03	7.0E+01	2.5E+03	2.5E+01
TRICHLOROETHANE, 1,1,1-	6.2E+01	Aquatic Habitat Goal	9.7E+02	2.0E+02	1.3E+05	6.2E+01
TRICHLOROETHANE, 1,1,2-	5.0E+00	Drinking Water Toxicity	5.0E+04	5.0E+00	3.5E+02	4.7E+03
TRICHLOROETHYLENE	5.0E+00	Drinking Water Toxicity	3.1E+02	5.0E+00	5.3E+02	3.6E+02

TABLE F-1a. GROUNDWATER SCREENING LEVELS
(groundwater IS a current or potential drinking water resource)
(ug/l)

CHEMICAL PARAMETER	[1]Final Groundwater Screening Level	Basis	Ceiling Value (Taste & Odors, etc.) Table I-1	Drinking Water (Toxicity) Table F-3	Vapor Intrusion Into Buildings Table E-1a	Aquatic Habitat Goal (Chronic) Table F-4a
TRICHLOROPHENOL, 2,4,5-	1.1E+01	Aquatic Habitat Goal	2.0E+02	7.0E+02	8.3E+05	1.1E+01
TRICHLOROPHENOL, 2,4,6-	5.0E-01	Drinking Water Toxicity	1.0E+02	5.0E-01		4.9E+02
VANADIUM	1.5E+01	Drinking Water Toxicity	5.0E+04	1.5E+01		1.9E+01
VINYL CHLORIDE	5.0E-01	Drinking Water Toxicity	3.4E+03	5.0E-01	3.8E+00	7.8E+02
XYLENES	2.0E+01	Ceiling Value	2.0E+01	1.8E+03	1.6E+05	1.0E+02
ZINC	8.1E+01	Aquatic Habitat Goal	5.0E+03	5.0E+03		8.1E+01

Red: >25% change in comparison to July 2003 ESL. Ethanol added to February 2005 ESLs

Notes:

1. Lowest of Ceiling Value, Drinking Water (toxicity) goal, Indoor-Air Impact goal and Aquatic Habitat Goal>Used to develop soil leaching levels for protection of groundwater quality.

TPH -Total Petroleum Hydrocarbons. See text for discussion of different TPH categories.

sol - solubility threshold

Ceiling Level: Odor threshold, 1/2 solubility or 50000 ug/L maximum, whichever is lower. Intended to limit general groundwater resource degradation.

Odor-thresholds assume no dilution.

Human Toxicity: Based on primary maximum concentration levels (MCLs), or equivalent. Considered protective of human health.

Indoor Air Impact: Addresses potential emission of volatile chemicals from groundwater and subsequent impact on indoor air. Value for very permeable (e.g., sandy vadose-zone soils).

Aquatic Habitat Goal: Addresses potential discharge of groundwater to surface waterbody and subsequent impact on aquatic life; Potential dilution upon discharge to surface water not considered.

Review of aquatic ecotoxicty data for ethanol underway. Based on preliminary review of available data, chronic toxicity screening levels likely to be significantly greater than ceiling level of 50,000 ug/L (refer to USEPA 2003b, ECOTOX database).

Method detection limits and background concentrations replace final screening level as appropriate.

Table 3
(Table updated 04/18/05)
Summary of Groundwater Monitoring Analytical Data
Former DeVincenzi Metal Products Facility
230 Adrian Road
Millbrae, California

Sample ID	Sampling Date	DTW (ft)	GW Elev. (ft msl)	TPHg	B	T	E	X	Fuel Additives MTBE	Fuel Additives Other	Lead ppb
				Concentrations in parts per billion (ppb)							
MW-1	9/19/1996	NA	NA	143	9	<0.5	3	<1	4,900	—	<1,000
	1/14/1997	NA	NA	520	15	5	6	2	1,600*	—	—
	9/16/1997	NA	11.56	170	26	<0.5	3	<1	130	—	—
	4/7/1998	NA	NA	<50	<0.5	<0.5	<0.5	<1	3,800*	—	—
	7/24/2000	NA	NA	57	<0.5	<0.5	<0.5	<1	630[a]	ND	—
	10/25/2000	5.17	11.79	53	<0.5	<0.5	<0.5	<1	530*	—	—
	3/26/2001	3.95	13.01	54	0.6	2	<0.5	3	620*	—	—
	6/25/2001	4.28	12.68	<50	<0.5	<0.5	<0.5	<1	330*	—	—
	3/20/2003	4.22	4.25	<50	<0.5	<0.5	<0.5	1	61	ND	—
	9/24/2003	4.95	3.52	61	<0.5	0.5	<0.5	1.2	188	66 (TBA)	—
MW-2	7/24/2000	3.35	11.16	<50	<0.5	<0.5	<0.5	<1	1	—	—
	10/25/2000	3.89	10.62	37	<0.5	<0.5	<0.5	<1	1	—	—
	3/26/2001	3.10	11.41	93	0.9	0.9	<0.5	1	8	—	—
	6/25/2001	3.15	11.36	<50	<0.5	2	<0.5	3	<0.5	—	—
	3/20/2003	2.80	3.26	<50	<0.5	<0.5	<0.5	<1	<1	ND	—
	9/24/2003	3.60	2.46	<50	<0.5	<0.5	<0.5	<1	1	ND	—
MW-3	7/24/2000	4.40	10.56	79	<0.5	<0.5	<0.5	<1	<0.5	—	—
	10/25/2000	4.30	10.66	52	<0.5	0.8	0.5	1	<0.5	—	—
	3/26/2001	3.13	11.83	<50	0.8	1	<0.5	1	3	—	—
	6/25/2001	3.60	11.36	<50	0.6	3	0.5	3	2	—	—
	3/20/2003	2.70	3.77	<50	<0.5	<0.5	<0.5	<1	<1	ND	—
	9/24/2003	4.05	2.42	50	<0.5	<0.5	<0.5	<1	<1	ND	—
MW-4	7/24/2000	6.64	8.35	52	<0.5	<0.5	<0.5	<1	4	—	—
	10/25/2000	4.46	10.53	<50	<0.5	<0.5	<0.5	<1	<0.5	—	—
	3/26/2001	3.85	11.14	76	2	3	1	6	1	—	—
	6/25/2001	NA	NA	<50	<0.5	<0.5	0.6	2	<0.5	—	—
	3/20/2003	2.30	4.20	<50	<0.5	<0.5	<0.5	<1	<1	ND	—
	9/24/2003	4.11	2.39	<50	<0.5	<0.5	<0.5	<1	<1	ND	—
MW-5	7/24/2000	4.95	12.06	100	0.6	<0.5	<0.5	<1	88	—	—
	10/25/2000	5.62	11.39	96	0.8	<0.5	<0.5	<1	110	—	—
	3/26/2001	4.55	12.46	73	2	<0.5	<0.5	<1	100	—	—
	6/25/2001	4.37	12.64	65	0.6	<0.5	<0.5	<1	120	—	—
	3/20/2003	4.55	3.95	63	<0.5	<0.5	<0.5	<1	69	ND	—
	9/24/2003	5.25	3.25	52	0.8	<0.5	<0.5	<1	90	119 (TBA)	—
[c] **Environmental Screening Levels (Groundwater is a current or potential drinking water resource)**											
			Final Screening Level	100	1	40	30	20	5	12[d]	2.5
			Drinking Water Toxicity	210	1	150	700	1,800	13	12[d]	15
			Ceiling Value (odors, etc.)	100	170	40	30	20	5	50000[d]	50,000
			Indoor Air Impact	b	540	380,000	170,000	160,000	24,000	b	NA
			Aquatic Habitat Goal	500	46	130	290	100	8,000	18000[d]	2.50

Notes:
DTW = Depth to water
ft = feet
msl = Mean sea level
TPHg = Total petroleum hydrocarbons as gasoline (EPA Method 8015)
BTEX = Benzene, Toluene, Ethylbenzene, Xylenes (EPA Method 8020)
MTBE = Methyl-tert-butyl ether (EPA Method 8020 / EPA Method 8260 as of March 2003)
Other fuel additives = Ethyl tert-butyl ether (ETBE), tert-Amyl methyl ether (TAME), di-isopropyl ether (DIPE), tert-Butyl alcohol (TBA), 1,2-Dichloroethane (1,2-DCA), 1,2-Dibromoethane (1,2-EDB) and Ethanol (EPA Method 8260)
Lead = Total lead (EPA Method 7420)
* = Confirmed by EPA Method 8260
<X = Concentration less than laboratory reporting limits
— = Not analyzed
NA = Not available
ND = Not detected above laboratory reporting limits.
[a] MTBE analyzed by EPA Method 8260
[b] use soil gas
[c] Source: "Screening for Environmental concerns at Sites with Contaminated Soil and Groundwater" California Regional Quality Control Board- Interim Final-February 2005
[d] ESL is for TBA

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CERTIFICATE OF ANALYSIS

Lab No:	96-680	Date Sampled:	09-19-96
Client:	ACCUTITE	Date Extracted:	09-21-96
Project:	De Vincenzi Metal Products, 230 Adrian Road, #612	Date analyzed:	09-21-96

Gasoline range hydrocarbons by Method 8015 M
MTBE, Benzene, Toluene, Ethylbenzene and Xylenes by Method 8020
Total Lead by Method Atomic Absorbtion Spectroscopy Samples prepared by Method 3050

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT	
96-680-01	MW-1	MTBE	8020	4900	ug/L
	WATER	Benzene	8020	9	ug/L
		Toluene	8020	ND	
		Ethylbenzene	8020	3	ug/L
		Xylenes	8020	ND	
		Gasoline	8015M	143	ug/L
		Lead	7420	ND	

Quality Control/Quality Assurance Summary- WATER

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
MTBE	8020	0.5 ug/L	ND	84	61
Benzene	8020	0.5 ug/L	ND	80	4
Toluene	8020	0.5 ug/L	ND	89	24
Ethylbenzene	8020	0.5 ug/L	ND	101	18
Xylenes	8020	1.0 ug/L	ND	70	7
Gasoline	8015M	0.05 mg/L	ND	91	34
Lead	7420	1000 ug/L	ND	98/99	1

ELAP Certificate NO: 1753

Reviewed and Approved:

John A. Murphy, Laboratory Director

P.O.Box 5624 • South San Francisco, California 94083 • 415-588-2838 FAX 588-1950

Chain of Custody

96-650-01

Client:	Accutite Environmental Engineering
Address:	35 South Linden Avenue South San Francisco, CA 94080
Phone:	(415) 952-5551
Project Name/ Address:	De Vincenzi Metal Products, Inc. 830 Adrian Rd Millbrae, CA
Sampler:	MARO
Date:	9/19/96
Report to:	Rami Malach
Bill to:	ACCUTITE
Billing Reference #:	610

Turnaround Time: ASAP | 1 day | 2 day | 3 day | 1 week | 2 week | other

Analysis Requested

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time	TPH-G + BTEX + LUFT	Lead (Pb)
1	MW-1	water	3	40 ml VOA	9/19/96 a.m.	X	
2	MW-1	water	1	plastic	9/19/96 a.m.		X
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Remarks

Relinquished By:	Date:	Time:	Received By:
Rami Malach	9/17/96		Edward Ulmer
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

with:

Lab Comments

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CERTIFICATE OF ANALYSIS

Lab No:	97-035	Date Sampled:	1/14/97
Client:	Accutite Environmental Engineering	Date Analyzed:	1/17/97
		Date Reported:	1/28/97
Project:	DeVincenzi Metal Products		

MTBE, Benzene, Toluene, Ethylbenzene and Xylenes by Method 8020
Gasoline range hydrocarbons by EPA method 8015M

SAMPLE NO	CLIENT ID	ANALYTE	METHOD	RESULT
97-035-01	MW-1 Water	MTBE	8020	*1600 ug/L
		Benzene	8020	15 ug/L
		Toluene	8020	5 ug/L
		Ethylbenzene	8020	6 ug/L
		Xylenes	8020	2 ug/L
		Gasoline	8015M	520 ug/L

Quality Control/Quality Assurance Summary-Water

Analyte	Method	Reporting Limit	Blank	MS/MSD Recovery	RPD
MTBE	8020	0.5 ug/L	ND	105	24
Benzene	8020	0.5 ug/L	ND	131	1
Toluene	8020	0.5 ug/L	ND	122	1
Ethylbenzene	8020	0.5 ug/L	ND	122	1
Xylenes	8020	1.0 ug/L	ND	121	5
Gasoline	8015M	50 ug/L	ND	108	13

*Confirmed by GC/MS.

ELAP Certificate NO: 1753
Reviewed and Approved:
Edward P. Lunnat for
John A. Murphy
Laboratory Director

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CERTIFICATE OF ANALYSIS

JOB NO: 97-035
CLIENT: Accutite Env.
PROJECT ID: De Vincenzu Metal Products

DATE SAMPLED: 01/14/97
DATE Analyzed:01/15/97
DATE Reported: 01/30/97

8010 Volatile halogenated organics by GC/MS Method 8260

Laboratory Number	97-035-01
Client ID	MW-1
Matrix	Water
Analyte	Results ug/L
Chloromethane	ND<5
Vinyl Chloride	ND<5
Bromomethane	ND<5
Chloroethane	ND<5
Ethylene Dibromide	ND<5
Trichlorofluoroethane	ND<5
1,1-Dichloroethene	ND<1
Methylene Chloride	ND<1
trans-1,2-Dichloroethene	ND<1
1,1-Dichloroethane	ND<1
cis-1,2-Dichleoroethene	ND<1
Chloroform	ND<1
1,1,1-Trichloroethane	ND<1
Carbon Tetrachloride	ND<1
1,2-Dichloroethane	ND<1
Trichloroethene	ND<1
Bromodichloroethane	ND<1
trans-1,3-Dichloropropene	ND<1
cis-1,3-Dichloropropene	ND<1
1,1,2-Trichloroethane	ND<1
Tetrachloroethene	ND<1
Dibromobenzene	ND<1
Chlorobenzene	ND<1
1,1,2,2-Tetrachloroethane	ND<1
1,3-Dichlorobenzene	ND<1
1,4-Dichlorobenzene	ND<1
1,2-Dichlorobenzene	ND<1
Methyl T-Butyl Ether	1300
Surrogate Recoveries	
1,2-Dichloroethane d4	82%
Toluene d8	84%
4-Bromofluorobenzene	71%

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CERTIFICATE OF ANALYSIS

JOB NO: 97-035
CLIENT: Accutite Env.
PROJECT ID: De Vincenzu Metal Products

DATE SAMPLED: 01/14/97
DATE Analyzed:01/15/97
DATE Reported: 01/30/97

8010 Volatile halogenated organics by GC/MS Method 8260
Quality Control/Quality Assurance Summary

Laboratory Number	97-035	MS/MSD recoveries	RPD
Client ID	Blank	97-035-01	
Matrix	Water		
Analyte	Results		
Chloromethane	ND<5		
Vinyl Chloride	ND<5		
Bromomethane	ND<5		
Chloroethane	ND<5		
Ethylene Dibromide	ND<5		
Trichlorofluoroethane	ND<1	81/71	13
1,1-Dichloroethene	ND<1		
Methylene Chloride	ND<1		
trans-1,2-Dichloroethene	ND<1		
1,1-Dichloroethane	ND<1		
cis-1,2-Dichloroethene	ND<1		
Chloroform	ND<1		
1,1,1-Trichloroethane	ND<1		
Carbon Tetrachloride	ND<1		
1,2-Dichloroethane	ND<1	90/72	22
Trichloroethene	ND<1		
Bromodichloroethane	ND<1		
trans-1,3-Dichloropropene	ND<1		
cis-1,3-Dichloropropene	ND<1		
1,1,2-Trichloroethane	ND<1		
Tetrachloroethene	ND<1		
Dibromobenzene	ND<1	108/86	23
Chlorobenzene	ND<1		
1,1,2,2-Tetrachloroethane	ND<1		
1,3-Dichlorobenzene	ND<1		
1,4-Dichlorobenzene	ND<1		
1,2-Dichlorobenzene	ND<1		
Methyl T-Butyl Ether	ND<1		
Surrogate Recoveries			
1,2-Dichloroethane d4	113%	117/124	6
Toluene d8	84%	60/80	29
4-Bromofluorobenzene	78%	79/78	1

Reviewed and Approved

John A. Murphy, Laboratory Director

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C' in of Custody

97-035

Client:	Accutite Environmental Engineering	Report to: Sami Makeb	Turnaround Time: ASAP / 1 day / 2 day / 3 day / 1 week / 2 week / other
Address:	35 South Linden Avenue South San Francisco, CA 94080	Bill to: ACCUTITE	
Phone:	(415) 952-5551	Billing Reference #: 658	
Project Name/ Address:	De Vincenzi Metal products 230 Adrian Rd Millbrae, CA	Analysis Requested	
Sampler: Sami M.	Date: 1/14/97		

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time	TPH-Gas+BTEX	EPA 8260	Remarks
1	MW-1	Water	2	40ml Vial	1/14/97 2:20 p.m	X		
2	MW-1	water	2	"	1/14/97 2:20 p.m		X	
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Charge for 8010 EDB + DCA only

Relinquished By:	Date:	Time:	Received By:
with: Sami Makeb	1/14/97	3:25	Edward A. Lunat
Relinquished By:	Date:	Time:	Received By:
with:			
Relinquished By:	Date:	Time:	Received By:
with:			

Lab Comments

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Milbrae / #751

Date Reported: 10/03/97

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 97-903-01	Client ID: B1-5'			09/16/97	SOIL
Gasoline	8015M	ND			09/22/97
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-02	Client ID: B2-5'			09/16/97	SOIL
Gasoline	8015M	ND			09/22/97
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-03	Client ID: B3-5'			09/16/97	SOIL
Gasoline	8015M	ND			09/22/97
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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North State Environmental
Chemical Waste Disposal · Trucking · Consulting

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Milbrae / #751

Date Reported: 10/03/97

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 97-903-04	Client ID: B4-5'			09/16/97	SOIL
Gasoline	8015M	ND			09/22/97
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	21	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-05	Client ID: B1-W			09/16/97	WATER
Gasoline	8015M	ND			09/22/97
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	4.0	ug/L		
Xylenes	8020	8.0	ug/L		
Sample: 97-903-06	Client ID: B2-W			09/16/97	WATER
Gasoline	8015M	ND			09/22/97
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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North State Environmental
Chemical Waste Disposal · Trucking · Consulting

CERTIFICATE OF ANALYSIS

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Milbrae / #751

Date Reported: 10/03/97

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 97-903-07	Client ID: B3-W			09/16/97	WATER
Gasoline	8015M	790	ug/L		09/22/97
Benzene	8020	150	ug/L		
Ethylbenzene	8020	45	ug/L		
MTBE	8020	*91000	ug/L		
Toluene	8020	6	ug/L		
Xylenes	8020	4	ug/L		
Sample: 97-903-08	Client ID: B4-W			09/16/97	WATER
Gasoline	8015M	ND			09/22/97
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	76	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 97-903-09	Client ID: MW-1			09/16/97	WATER
Gasoline	8015M	170	ug/L		09/22/97
Benzene	8020	26	ug/L		
Ethylbenzene	8020	3	ug/L		
MTBE	8020	130	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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North State Environmental
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CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 97-903
Client: Accutite Envir. Engin.
Project: 230 Adrian Rd, Milbrae / #751

Date Reported:10/03/97

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
soline	8015M	50	ug/L	ND	85	11
Benzene	8020	0.5	ug/L	ND	103	4
Ethylbenzene	8020	0.5	ug/L	ND	110	6
Toluene	8020	0.5	ug/L	ND	106	5
Xylenes	8020	1.0	ug/L	ND	104	4
MTBE	8020	0.5	ug/L	ND	93	17

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy,Laboratory Director

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Chain of Custody

97-903

Client:	Accutite Environmental Engineering	Report to: Sami Malaeb	Turnaround Time: ASAP / 1 day / 2 day / 3 day / 1 week / 2 week / other
Address:	35 South Linden Avenue South San Francisco, CA 94080	Bill to: ACCUTITE	
Phone:	(415) 952-5551	Billing Reference #: 751	
Project Name/ Address:	230 ADRIAN RD. MILLBRAE, CA	Analysis Requested	
Sampler: Sami Accutite	Date: 9/16/97		

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time	TPH-G / BTEX + MTBE	Remarks
1-	B1-5'	Soil	1	Acetate Tube	9/16/97 am	X	
2-	B2-5'	Soil	1	"	9/16/97 "	X	
3-	B3-5'	Soil	1	"	9/16/97 "	X	
4-	B4-5'	Soil	1	"	9/16/97 "	X	
5-	B1-W	water	3	40 ml VOA	9/16/97 "	X	
6-	B2-W	Water	3	"	9/16/97 "	X	
7-	B3-W	Water	3	"	9/16/97 "	X	
8-	B4-W	Water	3	"	9/16/97 pm	X	
9-	MW-1	Water	3	"	9/16/97 pm	X	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Relinquished By:	Date:	Time:	Received By:	Lab Comments
with: Sami Malaeb	9/16/97	3:05PM	NSE CABS	
Relinquished By:	Date:	Time:	Received By:	
with:				
Relinquished By:	Date:	Time:	Received By:	
with:				

North State Environmental
Chemical Waste Disposal · Trucking · Consulting

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-379
Client: Accutite Envir. Engin.
Project: DeVincenzi Metal Products #838

Date Reported: 04/10/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-379-01	Client ID: B5-W			04/07/98	WATER
.soline	8015M	ND			04/08/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-379-02	Client ID: B6-W			04/07/98	WATER
Gasoline	8015M	ND			04/08/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-379-03	Client ID: B7-W			04/07/98	WATER
Gasoline	8015M	ND			04/08/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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North State Environmental
Chemical Waste Disposal · Trucking · Consulting

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-379
Client: Accutite Envir. Engin.
Project: DeVincenzi Metal Products #838

Date Reported: 04/10/98

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-379-04	Client ID: B8-W			04/07/98	WATER
.soline	8015M	ND			04/08/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-379-05	Client ID: B9-W			04/07/98	WATER
Gasoline	8015M	ND			04/08/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 98-379-06	Client ID: B10-W			04/07/98	WATER
Gasoline	8015M	ND			04/08/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

Page

*Confirmed by GC/MS method 8260.

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C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-379
Client: Accutite Envir. Engin.
Project: DeVincenzi Metal Products #838

Date Reported: 04/10/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-379-07	Client ID: MW-1			04/07/98	WATER
Gasoline	8015M	ND	ug/L		04/08/98
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	*3800			
Toluene	8020	ND			
Xylenes	8020	ND			

Page

*Confirmed by GC/MS method 8260.

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North State Environmental
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CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 98-379
Client: Accutite Envir. Engin.
Project: DeVincenzi Metal Products #838

Date Reported: 04/10/98

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
Gasoline	8015M	50	ug/L	ND	86	0
Benzene	8020	0.5	ug/L	ND	100	21
Ethylbenzene	8020	0.5	ug/L	ND	99	22
Toluene	8020	0.5	ug/L	ND	98	21
Xylenes	8020	1.0	ug/L	ND	101	16
MTBE	8020	0.5	ug/L	ND	93	11

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy,Laboratory Director

P. O. Box 5624 • South San Francisco, California 94083 • 650-588-2838 FAX 588-1950

Client: Accutite Environmental Engineering
Address: 35 South Linden Avenue, South San Francisco, CA 94080
Phone: (415) 952-5551
Project Name/ Address: DeVincenzi Metal Products, 230 Adrian Rd, Millbrae, CA
Sampler: Sami Malaeb
Date: 4/7/98

F... No.: Sami Malaeb
Bill to: ACCUTITE
Billing Reference #: 838
Analysis Requested: TPH-G, TPH-D, BTEX + MTBE

Turnaround Time: (ASAP) | 1 day | 2 day | 3 day | 1 week | 2 week | other

24hr confirm MTBE using GC/MS EPA Method 8260

	Sample ID	Sample Matrix	# of Cont.	Cont. Type	Sampling Date / Time		Remarks
-1	B5-W	Water	3	40 ml VOAs	4/7/98 a.m.	X	
-2	B6-W	"	3	"	" "	X	
-3	B7-W	"	3	"	" "	X	
-4	B8-W	"	3	"	" "	X	
-5	B9-W	"	3	"	" "	X	
-6	B10-W	"	3	"	" "	X	
-7	MW-1	"	3	"	" "	X	
	B5-5'	Soil	1	Acetate Tube	" "		Place on hold
	B6-5'	"	1	"	" "		"
	B7-5'	"	1	"	" "		"
	B8-5'	"	1	"	" "		"
	B9-5'	"	1	"	" "		"
	B10-5'	"	1	"	" "		"

Relinquished By:	Date:	Time:	Received By:	Lab Comments
with: Sami Malaeb	4/7/98	12:50	Kiedskaya	
Relinquished By:	Date:	Time:	Received By:	
with:				
Relinquished By:	Date:	Time:	Received By:	
with:				

North State Environmental Laboratory
CA ELAP# 1753
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CERTIFICATE OF ANALYSIS

Lab Number: 00-1036
Client: Technology Eng. Const.
Project: 230 Adrian Rd./4176

Date Reported: 08/03/2000

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 00-1036-01 Client ID: MW-1				07/24/2000	WATER
Gasoline	8015M	57	ug/L		07/26/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	*750	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 00-1036-02 Client ID: MW-2				07/24/2000	WATER
Gasoline	8015M	ND			07/26/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	1	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 00-1036-03 Client ID: MW-3				07/24/2000	WATER
Gasoline	8015M	79	ug/L		07/26/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260.

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CERTIFICATE OF ANALYSIS

Lab Number: 00-1036
Client: Technology Eng. Const.
Project: 230 Adrian Rd./4176

Date Reported: 08/03/2000

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 00-1036-04 Client ID: MW-4				07/24/2000	WATER
Gasoline	8015M	52	ug/L		07/26/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	4	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 00-1036-05 Client ID: MW-5				07/24/2000	WATER
Gasoline	8015M	100	ug/L		07/26/2000
Benzene	8020	0.6	ug/L		
Ethylbenzene	8020	ND			
MTBE	8020	88	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			

Confirmed by GC/MS method 8260.

Aug 04 00 11:52a

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C E R T I F I C A T E O F A N A L Y S I S

Quality Control/Quality Assurance

Lab Number: 00-1036
Client: Technology Eng. Const.
Project: 230 Adrian Rd./4176

Date Reported: 08/03/2000

Gasoline, BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	Avg MS/MSD Recovery	RPD
Gasoline	8015M	50	ug/L	ND	125	0
Benzene	8020	0.5	ug/L	ND	79	5
Ethylbenzene	8020	0.5	ug/L	ND	116	2
Toluene	8020	0.5	ug/L	ND	105	2
Xylenes	8020	1.0	ug/L	ND	117	2
MTBE	8020	0.5	ug/L	ND	90	2

ELAP Certificate NO:1753
Reviewed and Approved

Jan A. Murphy, Laboratory Director

Aug 04 00 11:53a

North State Environmental Laboratory
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CERTIFICATE OF ANALYSIS

Job Number: 00-1036
Client : Technology Eng. Const.
Project : 230 Adrian Rd./4176

Date Sampled : 07/24/2000
Date Analyzed: 07/27/2000
Date Reported: 08/03/2000

Volatile Organics by GC/MS Method 8260

Laboratory Number	00-1036-01
Client ID	MW-1
Matrix	WATER
Analyte	ug/L
Ethanol	ND<100
Methyl-t-Butyl Ether	630
Di-isopropyl Ether	ND<1
tertiary Butyl Alcohol	ND<50
Ethyl-t-Butyl Ether	ND<1
t-Amyl Methyl Ether	ND<1
SUR-Dibromofluoromethane	97% Rec
SUR-Toluene-d8	98% Rec
SUR-4-Bromofluorobenzene	92% Rec

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CERTIFICATE OF ANALYSIS

Job Number: 00-1036
Client : Technology Eng. Const.
Project : 230 Adrian Rd./4176

Date Sampled : 07/24/2000
Date Analyzed: 07/27/2000
Date Reported: 08/03/2000

Volatile Organics by GC/MS Method 8260
Quality Control/Quality Assurance Summary

Laboratory Number	00-1036	MS/MSD	RPD
Client ID	Blank	Recovery	
Matrix	WATER	WATER	
Analyte	Results ug/L	%Recoveries	
Ethanol	ND<100		
Methyl-t-Butyl Ether	ND<1		
Di-isopropyl Ether	ND<1		
tertiary Butyl Alcohol	ND<50		
Ethyl-t-Butyl Ether	ND<1		
t-Amyl Methyl Ether	ND<1		
1,1-Dichloroethene	ND<1	67	4
Benzene	ND<1	101	2
Trichloroethene	ND<1	86	1
Toluene	ND<1	106	1
Chlorobenzene	ND<1	100	3
SUR-Dibromofluoromethane	93% Rec	97/98	1
SUR-Toluene-d8	96% Rec	96/103	7
SUR-4-Bromofluorobenzene	92% Rec	93/96	3

Reviewed and Approved

John A. Murphy
Laboratory Director

Aug 04 00 11:55a

00-1036

Chain of Custody Accutite Environmental Engineering

Client	Accutite Environmental Engineering	Report To	SAMI MALAEB
Address	35 South Linden Avenue South San Francisco, CA 94080	Bill To	Accutite
		Billing Reference#	4176
Phone	650-952-5551		
Project Name/Address	DC Vincing Metal Products 230 ADRIAN RD., MILLBRAE		
Sampler		Date:	

Turnaround: ASAP | 1 Day | 2 Day | 3 Day | 1 Week | 2 Week | Others

Analysis Required

Sample ID	Sample Matrix	#of Containers	Container Type	Sample Date/Time	TPH-G 8015M	* Oxygenates by 8260	Remarks
MW-1	Water	3	40 ml VOA vial	7-24-00 / 1515	X		
MW-2	"	3	"	/ 1445	X		
MW-3	"	3	"	/ 1455	X		
MW-4	"	3	"	/ 1510	X		
MW-5	"	3	"	/ 1430	X		

*Analyze the sample showing the highest concentration of MTBE for oxygenates by using EPA METHOD 8260.

Relinquished by	Date	Time	Received by	Date	Time
Joe Smith	7-24-00	4:40 PM	[signature]	07/24/00	4:40pm
Relinquished by	Date	Time	Received by	Date	Time
Relinquished by	Date	Time	Received by	Date	Time

Aug 04 00 11:52a

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CERTIFICATE OF ANALYSIS

Lab Number: 00-1591
Client: Technology Eng. Const.
Project: 4314 / 230 ADRAIN RD., MILLBRAE

Date Reported: 11/01/2000

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 00-1591-01 Client ID: MW-1				10/25/2000	WATER
Gasoline	8015M	53	ug/L		11/01/2000
ızene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	*530	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 00-1591-02 Client ID: MW-2				10/25/2000	WATER
Gasoline	8015M	37	ug/L		11/01/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	1	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 00-1591-03 Client ID: MW-3				10/25/2000	WATER
Gasoline	8015M	52	ug/L		11/01/2000
Benzene	8020	ND			
Ethylbenzene	8020	0.5	ug/L		
MTBE	8020	ND			
Toluene	8020	0.8	ug/L		
Xylenes	8020	1	ug/L		

*Confirmed by GC/MS method 8260

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CA ELAP # 1753
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C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 00-1591
Client: Technology Eng. Const.
Project: 4314 / 230 ADRAIN RD., MILLBRAE

Date Reported: 11/01/2000

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 00-1591-04	Client ID: MW-4			10/25/2000	WATER
Gasoline	8015M	ND			11/01/2000
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 00-1591-05	Client ID: MW-5			10/25/2000	WATER
Gasoline	8015M	96	ug/L		11/01/2000
Benzene	8020	0.8	ug/L		
Ethylbenzene	8020	ND			
MTBE	8020	110	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS method 8260

North State Environmental Laboratory
CA ELAP # 1753
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C E R T I F I C A T E O F A N A L Y S I S

Quality Control/Quality Assurance

Lab Number: 00-1591
Client: Technology Eng. Const.
Project: 4314 / 230 ADRAIN RD., MILLBRAE

Date Reported: 11/01/2000

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	Avg MS/MSD Recovery	RPD
Gasoline	8015M	50	ug/L	ND	119	8
Benzene	8020	0.5	ug/L	ND	95	5
Toluene	8020	0.5	ug/L	ND	94	6
Ethylbenzene	8020	0.5	ug/L	ND	96	8
Xylenes	8020	1.0	ug/L	ND	98	8
MTBE	8020	0.5	ug/L	ND	104	8

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy,Laboratory Director

Chain of Custody Ac[illegible] Environmental Engineering

C 0-1591

Client	Accutite Environmental Engineering	Report To	Rehan
Address	35 South Linden Avenue South San Francisco, CA 94080	Bill To:	Accutite
		Billing Reference#	4314
Phone	650-952-5551		

Turnaround: ~~ASAP~~ | 1 Day | 2 Day | 3 Day | 1 Week | 2 Week | Others

Project Name/Address 230 Adrain Rd. Milbrae

Sampler | Date:

Analysis Required: TPHG, BTEX, MTBE

Sample ID	Sample Matrix	#of Containers	Container Type	Sample Date/Time	TPHG BTEX MTBE	Remarks
1 MW-1	Water	3	40 ml vial	10-25-00/1500	X	
2 MW-2	"	3	"	/1420	X	
3 MW-3	"	3	"	/1430	X	
4 MW-4	"	3	"	/1450	X	
5 MW-5	"	3	"	/1515	X	
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Relinquished by:	Date	Time	Received by:	Date	Time
Joe Sam	10-26-00	9:00	NSE	10/26/00	9:05
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

North State Environmental Laboratory

CA ELAP # 1753

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CERTIFICATE OF ANALYSIS

Lab Number: [illegible]

Client: Technology Eng. Const.

Project: DIVEUCIUZI METALS/230 ADRAIN RD,MILLBRAE

Date Reported: 04/05/2001

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 01-0420-01 Client ID: MW-1				03/26/2001	WATER
soline	8015M	54	ug/L		04/03/2001
Benzene	8020	0.6	ug/L		
Ethylbenzene	8020	ND			
MTBE	8020	*620	ug/L		
Toluene	8020	2.0	ug/L		
Xylenes	8020	3.0	ug/L		
Sample: 01-0420-02 Client ID: MW-2				03/26/2001	WATER
Gasoline	8015M	93	ug/L		04/03/2001
Benzene	8020	0.9	ug/L		
Ethylbenzene	8020	ND			
MTBE	8020	8.0	ug/L		
Toluene	8020	0.9	ug/L		
Xylenes	8020	1.0	ug/L		
Sample: 01-0420-03 Client ID: MW-3				03/26/2001	WATER
Gasoline	8015M	ND			04/03/2001
Benzene	8020	0.8	ug/L		
Ethylbenzene	8020	ND			
MTBE	8020	3.0	ug/L		
Toluene	8020	1.0	ug/L		
Xylenes	8020	1.0	ug/L		

*Confirmed by GC/MS

North State Environmental Laboratory

CA ELAP# 1753

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CERTIFICATE OF ANALYSIS

[redacted] 01-0420
Client: Technology Eng. Const.
Project: DIVEUCIUZI METALS/230 ADRAIN RD,MILLBRAE

Date Reported: 04/05/2001

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 01-0420-04 Client ID: MW-4				03/26/2001	WATER
soline	8015M	76	ug/L		04/03/2001
benzene	8020	2.0	ug/L		
Ethylbenzene	8020	1.0	ug/L		
MTBE	8020	1.0	ug/L		
Toluene	8020	3.0	ug/L		
Xylenes	8020	6.0	ug/L		
Sample: 01-0420-05 Client ID: MW-5				03/26/2001	WATER
Gasoline	8015M	73	ug/L		~~04/03/2001~~
Benzene	8020	2.0	ug/L		
Ethylbenzene	8020	ND			
MTBE	8020	100	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS

North State Environmental Laboratory

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C E R T I F I C A T E O F A N A L Y S I S

Quality Control/Quality Assurance

[redacted]

Client: Technology Eng. Const.

Project: DIVEUCIUZI METALS/230 ADRAIN RD,MILLBRAE

Date Reported: 04/05/2001

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	Avg MS/MSD Recovery	RPD
Gasoline	8015M	50	ug/L	ND	105	1
Benzene	8020	0.5	ug/L	ND	83	7
Toluene	8020	0.5	ug/L	ND	89	6
Ethylbenzene	8020	0.5	ug/L	ND	84	14
Xylenes	8020	1.0	ug/L	ND	90	3
MTBE	8020	0.5	ug/L	ND	77	7

ELAP Certificate NO:1753

Reviewed and Approved

John A.Murphy,Laboratory Director

01-0420

Chain of Custody Accutite Environmental Engineering

Client	Accutite Environmental Engineering	Report To	Kehan
Address	35 South Linden Avenue South San Francisco, CA 94080	Bill To:	Accutite
		Billing Reference#	
Phone	650-952-5551		
Project Name/Address	Diversey Metals 30 Adrian Rd. Millbrae		
Sampler	Kehan	Date:	

Turnaround: ASAP | 1 Day | 2 Day | 3 Day | 1 Week | 2 Week | Others

Analysis Required: TPHg, BTEX, MTBE

	Sample ID	Sample Matrix	#of Containers	Container Type	Sample Date/Time	TPHg, BTEX, MTBE	Remarks
1	MW-1	Water	3	VOA	03/26/01	X	Confirm MTBE by 8260
2	MW-2	Water	"	"	"	X	
3	MW-3	"	"	"	"	X	
4	MW-4	"	"	"	"	X	
5	MW-5	"	"	"	"	X	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Relinquished by:	Date	Time	Received by:	Date	Time
Kehan	3/26/01	11:20	[illegible signature]	3/26/01	11:20
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by	Date	Time

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CERTIFICATE OF ANALYSIS

Lab Number: 01-0899
Client: Technology Eng. Const.
Project: DIVENCENZI METALS/230 ADRIAN RD.MILLBRAE

Date Reported: 07/10/2001

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 01-0899-01 Client ID: MW-1				06/25/2001	WATER
Gasoline	8015M	ND			07/02/2001
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	*330	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			
Sample: 01-0899-02 Client ID: MW-2				06/25/2001	WATER
Gasoline	8015M	ND			07/02/2001
Benzene	8020	ND			
Ethylbenzene	8020	ND			
MTBE	8020	ND			
Toluene	8020	2	ug/L		
Xylenes	8020	3	ug/L		
Sample: 01-0899-03 Client ID: MW-3				06/25/2001	WATER
Gasoline	8015M	ND			07/02/2001
Benzene	8020	0.6	ug/L		
Ethylbenzene	8020	0.5	ug/L		
MTBE	8020	2	ug/L		
Toluene	8020	3	ug/L		
Xylenes	8020	3	ug/L		

*Confirmed by GC/MS

North State Environmental Laboratory
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CERTIFICATE OF ANALYSIS

Lab Number: 01-0899
Client: Technology Eng. Const.
Project: DIVENCENZI METALS/230 ADRIAN RD.MILLBRAE

Date Reported: 07/10/2001

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 01-0899-04 Client ID: MW-4				06/25/2001	WATER
Gasoline	8015M	ND			07/03/2001
Benzene	8020	ND			
Ethylbenzene	8020	0.6	ug/L		
MTBE	8020	ND			
Toluene	8020	ND			
Xylenes	8020	2	ug/L		
Sample: 01-0899-05 Client ID: MW-5				06/25/2001	WATER
Gasoline	8015M	65	ug/L		07/02/2001
Benzene	8020	0.6	ug/L		
Ethylbenzene	8020	ND			
MTBE	8020	120	ug/L		
Toluene	8020	ND			
Xylenes	8020	ND			

*Confirmed by GC/MS

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CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 01-0899
Client: Technology Eng. Const.
Project: DIVENCENZI METALS/230 ADRIAN RD.MILLBRAE

Date Reported: 07/10/2001

Gasoline,BTEX and MTBE by Methods 8015M and 8020

Analyte	Method	Reporting Limit	Unit	Blank	Avg MS/MSD Recovery	RPD
Gasoline	8015M	50	~~mg/L~~ µg/L	ND	108	4
Benzene	8020	0.5	~~mg/L~~	ND	99	7
Toluene	8020	0.5	~~mg/L~~	ND	98	6
Ethylbenzene	8020	0.5	~~mg/L~~	ND	99	8
Xylenes	8020	1.0	~~mg/L~~	ND	98	9
MTBE	8020	0.5	~~mg/L~~	ND	98	14

ELAP Certificate NO:1753
Reviewed and Approved

John A.Murphy,Laboratory Director

Divencenzi

Chain of Custody Accutite Environmental Engineering

01-0899

Client	Accutite Environmental Engineering	Report To	Rehan
Address	35 South Linden Avenue South San Francisco, CA 94080	Bill To:	Accutite
		Billing Reference#	
Phone	650-952-5551		
Project Name/Address	~~Divencenzi Motors~~ 230 Adrian Rd, Millbrae		
Sampler	Rehan	Date:	06/25/01

Turnaround: ASAP | 1 Day | 2 Day | 3 Day | 1 Week | 2 Week | Others

Analysis Required

Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date/Time	MTBE *	TPH/BTEX	Remarks
MW-1	Water	3	VOA	06/25/01	X		* Confirm MTBE by 8260
MW-2	"	"	"	"	X		
MW-3	"	"	"	"	X		
MW-4	"	"	"	"	X		
MW-5	"	"	"	"	X		

Relinquished by:	Date	Time	Received by:	Date	Time
Rehan	06/25/01	4.00	[illegible]	6.25.01	16:00
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Jul 11 01 08:21a p.c

Laboratory Report Project Overview

EDF 1.2a

Laboratory:	North State Environmental, South San Francisco, CA
Lab Report Number:	03-0381
Project Name:	230 ADRIAN RD. MILLBRAE
Work Order Number:	03-0381
Control Sheet Number:	T0608100904

Case Narrative

North State Environmental, South San Francisco, CA

Report Date:	04/09/2003	Project:	230 ADRIAN RD. MILLBRAE
Report Number:	03-0381	Order #:	03-0381

Five water samples were analyzed for gasoline by method 8015M, BTEX and MTBE by method 8021B and additionally for fuel oxygenates by GC/MS method 8260B. No problems were encountered during analysis. MTBE results were confirmed by GC/MS run.

Approved by: _____ Date: 4/09/03

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
03-0381	MW-1	03-0381-01	W	CS	8260FA	SW5030B	03/20/2003	04/02/2003	04/02/2003	04023MLIST	1	
03-0381	MW-1	03-0381-01	W	CS	SW8020F	SW5030B	03/20/2003	03/25/2003	03/25/2003	03253MGBXW	1	
03-0381	MW-2	03-0381-02	W	CS	8260FA	SW5030B	03/20/2003	04/03/2003	04/03/2003	04023MLIST	1	
03-0381	MW-2	03-0381-02	W	CS	SW8020F	SW5030B	03/20/2003	03/25/2003	03/25/2003	03253MGBXW	1	
03-0381	MW-3	03-0381-03	W	CS	8260FA	SW5030B	03/20/2003	04/02/2003	04/02/2003	04023MLIST	1	
03-0381	MW-3	03-0381-03	W	CS	SW8020F	SW5030B	03/20/2003	03/25/2003	03/26/2003	03253MGBXW	1	
03-0381	MW-4	03-0381-04	W	CS	8260FA	SW5030B	03/20/2003	04/02/2003	04/02/2003	04023MLIST	1	
03-0381	MW-4	03-0381-04	W	CS	SW8020F	SW5030B	03/20/2003	03/25/2003	03/26/2003	03253MGBXW	1	
03-0381	MW-5	03-0381-05	W	CS	8260FA	SW5030B	03/20/2003	03/26/2003	03/26/2003	04023MLIST	1	
03-0381	MW-5	03-0381-05	W	CS	SW8020F	SW5030B	03/20/2003	03/25/2003	03/26/2003	03253MGBXW	1	
		03-0381-04	W	NC	8260FA	SW5030B	/ /	04/02/2003	04/02/2003	04023MLIST	1	
		LCSD	W	BD1	SW8020F	SW5030B	/ /	03/25/2003	03/26/2003	03253MGBXW	1	
		LCS	W	BS1	SW8020F	SW5030B	/ /	03/25/2003	03/26/2003	03253MGBXW	1	
		BLK	W	LB1	8260FA	SW5030B	/ /	04/02/2003	04/02/2003	04023MLIST	1	
		BLK	W	LB1	SW8020F	SW5030B	/ /	03/25/2003	03/25/2003	03253MGBXW	1	
		0381-04MS	W	MS1	8260FA	SW5030B	/ /	04/02/2003	04/02/2003	04023MLIST	1	
		0381-04MSD	W	SD1	8260FA	SW5030B	/ /	04/02/2003	04/02/2003	04023MLIST	1	

North State Environmental, South San Francisco, CA

Lab Report No.: 03-0381 Date: 04/09/2003

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-0381	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-1	Lab Samp ID:	03-0381-01
Descr/Location:	MW-1	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	04/02/2003
Sample Time:	1220	Analysis Date:	04/02/2003
Matrix:	Water	QC Batch:	04023MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		61.	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	114%	1
Toluene-d8	72-119	SLSA	109%	1
Dibromofluoromethane	67-129	SLSA	104%	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-0381	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	03-0381-02
Descr/Location:	MW-2	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	04/03/2003
Sample Time:	1145	Analysis Date:	04/03/2003
Matrix:	Water	QC Batch:	04023MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	111%	1
Toluene-d8	72-119	SLSA	108%	1
Dibromofluoromethane	67-129	SLSA	99%	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-0381	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-3	Lab Samp ID:	03-0381-03
Descr/Location:	MW-3	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	04/02/2003
Sample Time:	1125	Analysis Date:	04/02/2003
Matrix:	Water	QC Batch:	04023MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	115%	1
Toluene-d8	72-119	SLSA	109%	1
Dibromofluoromethane	67-129	SLSA	104%	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-0381	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-4	Lab Samp ID:	03-0381-04
Descr/Location:	MW-4	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	04/02/2003
Sample Time:	1045	Analysis Date:	04/02/2003
Matrix:	Water	QC Batch:	04023MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	116%	1
Toluene-d8	72-119	SLSA	110%	1
Dibromofluoromethane	67-129	SLSA	108%	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-0381	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-5	Lab Samp ID:	03-0381-05
Descr/Location:	MW-5	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	03/26/2003
Sample Time:	1320	Analysis Date:	03/26/2003
Matrix:	Water	QC Batch:	04023MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		69.	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	97%	1
Toluene-d8	72-119	SLSA	111%	1
Dibromofluoromethane	67-129	SLSA	88%	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-0381	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	MW-1	Lab Samp ID:	03-0381-01
Descr/Location:	MW-1	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	03/25/2003
Sample Time:	1220	Analysis Date:	03/25/2003
Matrix:	Water	QC Batch:	03253MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		ND	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		1.	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL	GI	61.4	UG/L	1

GI: Analyte confirmed by GC/MS

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-0381	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	03-0381-02
Descr/Location:	MW-2	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	03/25/2003
Sample Time:	1145	Analysis Date:	03/25/2003
Matrix:	Water	QC Batch:	03253MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		ND	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL		ND	UG/L	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-0381	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	MW-3	Lab Samp ID:	03-0381-03
Descr/Location:	MW-3	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	03/25/2003
Sample Time:	1125	Analysis Date:	03/26/2003
Matrix:	Water	QC Batch:	03253MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		ND	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL	GI	ND	UG/L	1

GI: Analyte confirmed by GC/MS

Approved by: _____ Date: _____

Lab Report No.: 03-0381 Date: 04/09/2003

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-0381	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	MW-4	Lab Samp ID:	03-0381-04
Descr/Location:	MW-4	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	03/25/2003
Sample Time:	1045	Analysis Date:	03/26/2003
Matrix:	Water	QC Batch:	03253MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		ND	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL		ND	UG/L	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-0381	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	MW-5	Lab Samp ID:	03-0381-05
Descr/Location:	MW-5	Rec'd Date:	03/20/2003
Sample Date:	03/20/2003	Prep Date:	03/25/2003
Sample Time:	1320	Analysis Date:	03/26/2003
Matrix:	Water	QC Batch:	03253MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		63.	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL	GI	111.	UG/L	1

GI: Analyte confirmed by GC/MS

Approved by: _____ Date: _____

QA/QC Report
Method Blank Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-0381 Date: 04/09/2003

QC Batch:	03253MGBXW	Analysis:	BTEX/Gasoline Range Organics
Matrix:	Water	Method:	SW8020F
Lab Samp ID:	BLK	Prep Meth:	SW5030B
Analysis Date:	03/25/2003	Prep Date:	03/25/2003
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		ND	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL		ND	UG/L	1

QA/QC Report
Blank Spike/Duplicate Blank Spike Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-0381 Date: 04/09/2003

QC Batch: 03253MGBXW
Matrix: Water
Lab Samp ID: LCS

Analyte	Analysis Method	Spike Level LCS	Spike Level LCD	Spike Result LCS	Spike Result LCD	Units		% Recoveries LCS	% Recoveries LCD	% Recoveries RPD	Acceptance Criteria %Rec		Acceptance Criteria RPD
Benzene	SW8020F	100.	100.	107.	107.	UG/L	ww	107	107	0.00	123-59	MSA	31MSP
Ethylbenzene	SW8020F	100.	100.	108.	107.	UG/L	ww	108	107	0.93	130-76	MSA	15MSP
Gasoline Range Organics	SW8020F	1000.	1000.	1060.	1050.	UG/L	ww	106	105	0.95	133-64	MSA	25MSP
Methyl-tert-butyl ether (MTBE)	SW8020F	100.	100.	108.	105.	UG/L	ww	108	105	2.8	121-59	MSA	28MSP
Toluene	SW8020F	100.	100.	107.	107.	UG/L	ww	107	107	0.00	119-75	MSA	11MSP
Xylenes	SW8020F	300.	300.	357.	357.	UG/L	ww	119	119	0.00	129-78	MSA	11MSP

QA/QC Report
Method Blank Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-0381 Date: 04/09/2003

QC Batch:	04023MLIST	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Matrix:	Water	Method:	8260FA
Lab Samp ID:	BLK	Prep Meth:	SW5030B
Analysis Date:	04/02/2003	Prep Date:	04/02/2003
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1
Benzene	0.31	1.	PQL		ND	UG/L	1
Toluene	0.52	1.	PQL		ND	UG/L	1
Chlorobenzene	1.16	2.	PQL		ND	UG/L	1
1,1-Dichloroethene	0.99	1.	PQL		ND	UG/L	1
Trichloroethene (TCE)	0.43	2.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	115%	1
Toluene-d8	72-119	SLSA	108%	1
Dibromofluoromethane	67-129	SLSA	102%	1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-0381 Date: 04/09/2003

QC Batch: 04023MLIST
Matrix: Water
Lab Samp ID: 0381-04MS
Basis: Wet

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 03-0381-04

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units	% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
1,1-Dichloroethene	8260FA	20.	20.	ND	18.	18.	UG/L ww	90.0	90.0	0.00	121-61	MSA	25MSP
Benzene	8260FA	20.	20.	4.	22.	20.	UG/L ww	90.0	80.0	12	135-74	MSA	21MSP
Chlorobenzene	8260FA	20.	20.	ND	21.	21.	UG/L ww	105	105	0.00	139-70	MSA	19MSP
Toluene	8260FA	20.	20.	ND	20.	20.	UG/L ww	100	100	0.00	141-61	MSA	19MSP
Trichloroethene (TCE)	8260FA	20.	20.	ND	21.	21.	UG/L ww	105	105	0.00	129-69	MSA	20MSP
4-Bromofluorobenzene	8260FA	100.	100.	116.	117.	118.	PERCENT ww	117	118	0.85	121-78	SLSA	19SLSP
Dibromofluoromethane	8260FA	100.	100.	108.	110.	108.	PERCENT ww	110	108	1.8	129-67	SLSA	21SLSP
Toluene-d8	8260FA	100.	100.	110.	109.	108.	PERCENT ww	109	108	0.92	119-72	SLSA	16SLSP

03-0381

TEC ACCUTITE
35 South Linden Avenue
South San Francisco, CA 94080
Ph No.: (650)952 5851, Fax No.: (650)952 7631

Chain of Custody

Client	: DeVincenzi Metal Products,	Report to	: Kazue
Project Name	:		
Project Address	: 230 Adrian Rd. Millbrae, CA	Bill to	: TEC Accutite
Global ID	: T0608100904	P O No.	: 7458
Sampler	: Date :		

Analysis Required: TPHg, BTEX, MTBE* by 8015/8020; Fuel Oxys 8260

Turn-around Time: ASAP | 1 Day | 2 Days | 3 Days | 1 Week | 2 Weeks | Others :

	Field Point ID	Sample ID	Sample Matrix	No. of Containers	Container Type	Sample Date & Time	TPHg, BTEX, MTBE* by 8015/8020	Fuel Oxys 8260	Remarks
1	MW-1	MW-1	Water	3	VOA	3/20/03 1720	X	X	*Please confirm MTBE using 8260
2	MW-2	MW-2	Water	3	VOA	1145	X	X	
3	MW-3	MW-3	Water	3	VOA	1125	X	X	
4	MW-4	MW-4	Water	3	VOA	1045	X	X	
5	MW-5	MW-5	Water	3	VOA	1320	X	X	
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Relinquished by :	KIAN ATIGNSON	Date: 3-20-03	Time: 1700	Received by:		Date: 03/20/03	Time: 1700
Relinquished by :		Date:	Time:	Received by:		Date:	Time:

Laboratory Report Project Overview

EDF 1.2a

Laboratory:	North State Environmental, South San Francisco, CA
Lab Report Number:	03-1370
Project Name:	230 ADRIAN RD. MILLBRAE
Work Order Number:	03-1370
Control Sheet Number:	T0608100904

Case Narrative

North State Environmental, South San Francisco, CA

Report Date:	09/29/03	Project:	230 ADRIAN RD. MILLBRAE
Report Number:	03-1370	Order #:	03-1370

Five water samples were analyzed for gasoline by method 8015M, MTBE and BTEX by method 8021B, and fuel oxygenates by GC/MS method 8260B. Positive MTBE results for samples 03-1370-01, -02 and -05 were confirmed by the GC/MS results. No problems were encountered during analysis.

Approved by: Eric Cuni Date: 09/29/03

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
03-1370	MW-1	03-1370-01	W	CS	8260FA	SW5030B	09/24/2003	09/26/2003	09/27/2003	09263MLIST	1	
03-1370	MW-1	03-1370-01	W	CS	SW8020F	SW5030B	09/24/2003	09/25/2003	09/25/2003	09243MGBXW	1	
03-1370	MW-2	03-1370-02	W	CS	8260FA	SW5030B	09/24/2003	09/26/2003	09/27/2003	09263MLIST	1	
03-1370	MW-2	03-1370-02	W	CS	SW8020F	SW5030B	09/24/2003	09/25/2003	09/25/2003	09243MGBXW	1	
03-1370	MW-3	03-1370-03	W	CS	8260FA	SW5030B	09/24/2003	09/26/2003	09/27/2003	09263MLIST	1	
03-1370	MW-3	03-1370-03	W	CS	SW8020F	SW5030B	09/24/2003	09/25/2003	09/25/2003	09243MGBXW	1	
03-1370	MW-4	03-1370-04	W	CS	8260FA	SW5030B	09/24/2003	09/26/2003	09/27/2003	09263MLIST	1	
03-1370	MW-4	03-1370-04	W	CS	SW8020F	SW5030B	09/24/2003	09/25/2003	09/25/2003	09243MGBXW	1	
03-1370	MW-5	03-1370-05	W	CS	8260FA	SW5030B	09/24/2003	09/26/2003	09/27/2003	09263MLIST	1	
03-1370	MW-5	03-1370-05	W	CS	SW8020F	SW5030B	09/24/2003	09/25/2003	09/25/2003	09243MGBXW	1	
		03-1376-05	W	NC	8260FA	SW5030B	/ /	09/26/2003	09/27/2003	09263MLIST	1	
		LCSD	W	BD1	SW8020F	SW5030B	/ /	09/24/2003	09/24/2003	09243MGBXW	1	
		LCS	W	BS1	SW8020F	SW5030B	/ /	09/24/2003	09/24/2003	09243MGBXW	1	
		BLK	W	LB1	8260FA	SW5030B	/ /	09/26/2003	09/26/2003	09263MLIST	1	
		BLK	W	LB1	SW8020F	SW5030B	/ /	09/24/2003	09/24/2003	09243MGBXW	1	
		1376-05MS	W	MS1	8260FA	SW5030B	/ /	09/26/2003	09/27/2003	09263MLIST	1	
		1376-05MSD	W	SD1	8260FA	SW5030B	/ /	09/26/2003	09/27/2003	09263MLIST	1	

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1370 Date: 09/29/2003

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-1370	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-1	Lab Samp ID:	03-1370-01
Descr/Location:	MW-1	Rec'd Date:	09/24/2003
Sample Date:	09/24/2003	Prep Date:	09/26/2003
Sample Time:	1545	Analysis Date:	09/27/2003
Matrix:	Water	QC Batch:	09263MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		188.	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		66.	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	104%	1
Toluene-d8	72-119	SLSA	101%	1
Dibromofluoromethane	67-129	SLSA	103%	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-1370	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	03-1370-02
Descr/Location:	MW-2	Rec'd Date:	09/24/2003
Sample Date:	09/24/2003	Prep Date:	09/26/2003
Sample Time:	1515	Analysis Date:	09/27/2003
Matrix:	Water	QC Batch:	09263MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		1.	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	105%	1
Toluene-d8	72-119	SLSA	101%	1
Dibromofluoromethane	67-129	SLSA	103%	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-1370	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-3	Lab Samp ID:	03-1370-03
Descr/Location:	MW-3	Rec'd Date:	09/24/2003
Sample Date:	09/24/2003	Prep Date:	09/26/2003
Sample Time:	1450	Analysis Date:	09/27/2003
Matrix:	Water	QC Batch:	09263MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	106%	1
Toluene-d8	72-119	SLSA	104%	1
Dibromofluoromethane	67-129	SLSA	104%	1

Approved by: _____ Date: _____

Lab Report No.: 03-1370 Date: 09/29/2003

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-1370	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-4	Lab Samp ID:	03-1370-04
Descr/Location:	MW-4	Rec'd Date:	09/24/2003
Sample Date:	09/24/2003	Prep Date:	09/26/2003
Sample Time:	1420	Analysis Date:	09/27/2003
Matrix:	Water	QC Batch:	09263MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	105%	1
Toluene-d8	72-119	SLSA	103%	1
Dibromofluoromethane	67-129	SLSA	107%	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Project No:	03-1370	Method:	8260FA
		Prep Meth:	SW5030B

Field ID:	MW-5	Lab Samp ID:	03-1370-05
Descr/Location:	MW-5	Rec'd Date:	09/24/2003
Sample Date:	09/24/2003	Prep Date:	09/26/2003
Sample Time:	1615	Analysis Date:	09/27/2003
Matrix:	Water	QC Batch:	09263MLIST
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		90.	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		119.	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	106%	1
Toluene-d8	72-119	SLSA	105%	1
Dibromofluoromethane	67-129	SLSA	110%	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1370	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	MW-1	Lab Samp ID:	03-1370-01
Descr/Location:	MW-1	Rec'd Date:	09/24/2003
Sample Date:	09/24/2003	Prep Date:	09/25/2003
Sample Time:	1545	Analysis Date:	09/25/2003
Matrix:	Water	QC Batch:	09243MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		61.	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		0.5	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		1.2	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL	GI	158.	UG/L	1

GI: Analyte confirmed by GC/MS

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1370	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	MW-2	Lab Samp ID:	03-1370-02
Descr/Location:	MW-2	Rec'd Date:	09/24/2003
Sample Date:	09/24/2003	Prep Date:	09/25/2003
Sample Time:	1515	Analysis Date:	09/25/2003
Matrix:	Water	QC Batch:	09243MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		ND	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL	GI	0.6	UG/L	1

GI: Analyte confirmed by GC/MS

Approved by: _____ Date: _____

Project Name: 230 ADRIAN RD.
Project No: 03-1370

Analysis: BTEX/Gasoline Range Organics (SW8020/8015)
Method: SW8020F
Prep Meth: SW5030B

Field ID: MW-3
Descr/Location: MW-3
Sample Date: 09/24/2003
Sample Time: 1450
Matrix: Water
Basis: Wet

Lab Samp ID: 03-1370-03
Rec'd Date: 09/24/2003
Prep Date: 09/25/2003
Analysis Date: 09/25/2003
QC Batch: 09243MGBXW
Notes:

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		50.	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL		ND	UG/L	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1370	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	MW-4	Lab Samp ID:	03-1370-04
Descr/Location:	MW-4	Rec'd Date:	09/24/2003
Sample Date:	09/24/2003	Prep Date:	09/25/2003
Sample Time:	1420	Analysis Date:	09/25/2003
Matrix:	Water	QC Batch:	09243MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		ND	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL		ND	UG/L	1

Approved by: _____ Date: _____

Project Name:	230 ADRIAN RD.	Analysis:	BTEX/Gasoline Range Organics (SW8020/8015)
Project No:	03-1370	Method:	SW8020F
		Prep Meth:	SW5030B

Field ID:	MW-5	Lab Samp ID:	03-1370-05
Descr/Location:	MW-5	Rec'd Date:	09/24/2003
Sample Date:	09/24/2003	Prep Date:	09/25/2003
Sample Time:	1615	Analysis Date:	09/25/2003
Matrix:	Water	QC Batch:	09243MGBXW
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		52.	UG/L	1
Benzene	0.26	0.5	PQL		0.8	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL	GI	75.4	UG/L	1

GI: Analyte confirmed by GC/MS

Approved by: _____ Date: _____

QA/QC Report
Method Blank Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1370 Date: 09/29/2003

QC Batch:	09243MGBXW	Analysis:	BTEX/Gasoline Range Organics
Matrix:	Water	Method:	SW8020F
Lab Samp ID:	BLK	Prep Meth:	SW5030B
Analysis Date:	09/24/2003	Prep Date:	09/24/2003
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Gasoline Range Organics	27.	50.	PQL		ND	UG/L	1
Benzene	0.26	0.5	PQL		ND	UG/L	1
Toluene	0.48	0.5	PQL		ND	UG/L	1
Ethylbenzene	0.44	0.5	PQL		ND	UG/L	1
Xylenes	0.51	1.0	PQL		ND	UG/L	1
Methyl-tert-butyl ether (MTBE)	0.16	0.5	PQL		ND	UG/L	1

QA/QC Report
Blank Spike/Duplicate Blank Spike Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1370 Date: 09/29/2003

QC Batch: 09243MGBXW
Matrix: Water
Lab Samp ID: LCS

Analyte	Analysis Method	Spike Level LCS	Spike Level LCD	Spike Result LCS	Spike Result LCD	Units		% Recoveries LCS	% Recoveries LCD	% Recoveries RPD	Acceptance Criteria %Rec		Acceptance Criteria RPD	
Benzene	SW8020F	100.	100.	86.6	93.2	UG/L	ww	86.6	93.2	7.3	123-59	MSA	21	MSP
Ethylbenzene	SW8020F	100.	100.	112.	108.	UG/L	ww	112	108	3.6	130-76	MSA	15	MSP
Gasoline Range Organics	SW8020F	1000.	1000.	1240.	1220.	UG/L	ww	124	122	1.6	133-64	MSA	25	MSP
Methyl-tert-butyl ether (MTBE)	SW8020F	100.	100.	70.	88.8	UG/L	ww	70.0	88.8	24	121-59	MSA	28	MSP
Toluene	SW8020F	100.	100.	92.7	97.5	UG/L	ww	92.7	97.5	5.0	119-75	MSA	11	MSP
Xylenes	SW8020F	300.	300.	364.	334.	UG/L	ww	121	111	8.6	129-78	MSA	11	MSP

QA/QC Report
Method Blank Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1370 Date: 09/29/2003

QC Batch:	09263MLIST	Analysis:	Volatile Organic Compounds by GC/MS Fuel
Matrix:	Water	Method:	8260FA
Lab Samp ID:	BLK	Prep Meth:	SW5030B
Analysis Date:	09/26/2003	Prep Date:	09/26/2003
Basis:	Wet	Notes:	

Analyte	Det Limit	Rep Limit		Note	Result	Units	Pvc Dil
Methyl-tert-butyl ether (MTBE)	0.31	1.	PQL		ND	UG/L	1
Ethyl tert-butyl ether (ETBE)	0.47	1.	PQL		ND	UG/L	1
tert-Amyl methyl ether (TAME)	0.24	1.	PQL		ND	UG/L	1
Di-isopropyl ether (DIPE)	0.32	1.	PQL		ND	UG/L	1
tert-Butyl alcohol (TBA)	15.99	50.	PQL		ND	UG/L	1
1,2-Dichloroethane	0.22	1.	PQL		ND	UG/L	1
1,2-Dibromoethane	0.40	1.	PQL		ND	UG/L	1
Ethanol (EtOH)	9.10	100.	PQL		ND	UG/L	1
Benzene	0.31	1.	PQL		ND	UG/L	1
Toluene	0.52	1.	PQL		ND	UG/L	1
Chlorobenzene	1.16	2.	PQL		ND	UG/L	1
1,1-Dichloroethene	0.99	1.	PQL		ND	UG/L	1
Trichloroethene (TCE)	0.43	2.	PQL		ND	UG/L	1

SURROGATE AND INTERNAL STANDARD RECOVERIES:

4-Bromofluorobenzene	78-121	SLSA	103%	1
Toluene-d8	72-119	SLSA	100%	1
Dibromofluoromethane	67-129	SLSA	98%	1

QA/QC Report
Matrix Spike/Duplicate Matrix Spike Summary

North State Environmental, South San Francisco, CA

Lab Report No.: 03-1370 Date: 09/29/2003

QC Batch: 09263MLIST
Matrix: Water
Lab Samp ID: 1376-05MS
Basis: Wet

Project Name: Lab Generated or Non COE Sample
Project No.: Lab Generated or Non COE Sample
Field ID: Lab Generated or Non COE Sample
Lab Ref ID: 03-1376-05

Analyte	Analysis Method	Spike Level MS	Spike Level DMS	Sample Result	Spike Result MS	Spike Result DMS	Units		% Recoveries MS	% Recoveries DMS	% Recoveries RPD	Acceptance Criteria % Rec		Acceptance Criteria RPD
1,1-Dichloroethene	8260FA	20.	20.	ND	24.	23.	UG/L	ww	120	115	4.3	121-61	MSA	25MSP
Benzene	8260FA	20.	20.	18.	43.	40.	UG/L	ww	125	110	13	135-74	MSA	21MSP
Chlorobenzene	8260FA	20.	20.	ND	25.	24.	UG/L	ww	125	120	4.1	139-70	MSA	19MSP
Toluene	8260FA	20.	20.	3.	28.	27.	UG/L	ww	125	120	4.1	141-61	MSA	19MSP
Trichloroethene (TCE)	8260FA	20.	20.	ND	23.	21.	UG/L	ww	115	105	9.1	129-69	MSA	20MSP
4-Bromofluorobenzene	8260FA	100.	100.	112.	109.	107.	PERCENT	ww	109	107	1.9	121-78	SLSA	19SLSP
Dibromofluoromethane	8260FA	100.	100.	110.	108.	106.	PERCENT	ww	108	106	1.9	129-67	SLSA	21SLSP
Toluene-d8	8260FA	100.	100.	105.	104.	101.	PERCENT	ww	104	101	2.9	119-72	SLSA	16SLSP

TEC ACCUTITE
35 South Linden Avenue
South San Francisco, CA 94080
Ph No.: (650)952 5551, Fax No.: (650)952 7631

Chain of Custody

03-1370

Client : DeVincenzi Metal Produc
Project Name :
Project Address : 230 Adrian Rd. Millbrae, CA
Global ID : T0603100904
Sampler : Kurt A Date : 9-24-03

Report to : KA
Bill to : TEC Acutite
P.O. No. : 8115

Analysis Required: TPHg, BTEX, MTBE* by 8015/8020; Fuel Oxygenates by 8260

Turn-around Time: ASAP | 1 Day | 2 Days | 3 Days | 1 Week | 2 Weeks | Others :

	Field Point ID	Sample ID	Sample Matrix	No. of Containers	Container Type	Sample Date & Time	TPHg, BTEX, MTBE* by 8015/8020	Fuel Oxygenates by 8260	Remarks
1	MW-1	MW-1	Water	3	HCL VOA	9-24-03 1545	X	X	*Please Confirm Positive
2	MW-2	MW-2	Water	3	HCL VOA	1535	X	X	Detection of MTBE by 8260.
3	MW-3	MW-3	Water	3	HCL VOA	1450	X	X	
4	MW-4	MW-4	Water	3	HCL VOA	1420	X	X	
5	MW-5	MW-5	Water	3	HCL VOA	1015	X	X	
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Relinquished by :	Kurt Anderson	Date: 9-24-03	Time: 1700	Received by:	[illegible]	Date: 9/24/00	Time: 1700
Relinquished by :		Date:	Time:	Received by:		Date:	Time:

Screening For Environmental Concerns At Sites With Contaminated Soil and Groundwater

Volume 1: Summary Tier 1 Lookup Tables

Prepared by:
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

INTERIM FINAL - February 2005

TABLE F-1a. GROUNDWATER SCREENING LEVELS
(groundwater IS a current or potential drinking water resource)
(ug/l)

CHEMICAL PARAMETER	Final Groundwater Screening Level	Basis	Ceiling Value (Taste & Odors, etc.) Table I-1	Drinking Water (Toxicity) Table F-3	Vapor Intrusion Into Buildings Table E-1a	Aquatic Habitat Goal (Chronic) Table F-4a
ACENAPHTHENE	2.0E+01	Ceiling Value	2.0E+01	4.2E+02	4.2E+03	2.3E+01
ACENAPHTHYLENE	3.0E+01	Aquatic Habitat Goal	2.0E+03	2.8E+02	(Use soil gas)	3.0E+01
ACETONE	1.5E+03	Aquatic Habitat Goal	2.0E+04	6.3E+03	5.3E+07	1.5E+03
ALDRIN	2.0E-03	Drinking Water Toxicity	8.5E+00	2.0E-03		1.3E-01
ANTHRACENE	7.3E-01	Aquatic Habitat Goal	2.2E+01	2.1E+03	4.3E+01	7.3E-01
ANTIMONY	6.0E+00	Drinking Water Toxicity	5.0E+04	6.0E+00		3.0E+01
ARSENIC	3.6E+01	Aquatic Habitat Goal	5.0E+04	5.0E+01		3.6E+01
BARIUM	1.0E+03	Drinking Water Toxicity	5.0E+04	1.0E+03		1.0E+03
BENZENE	1.0E+00	Drinking Water Toxicity	1.7E+02	1.0E+00	5.4E+02	4.6E+01
BENZO(a)ANTHRACENE	2.7E-02	Aquatic Habitat Goal	5.0E+00	2.9E-02		2.7E-02
BENZO(b)FLUORANTHENE	2.9E-02	Aquatic Habitat Goal	7.0E+00	2.9E-02		2.9E-02
BENZO(k)FLUORANTHENE	2.9E-02	Drinking Water Toxicity	4.0E-01	2.9E-02		3.7E+00
BENZO(g,h,i)PERYLENE	1.0E-01	Aquatic Habitat Goal	1.3E-01	2.8E+02		1.0E-01
BENZO(a)PYRENE	1.4E-02	Aquatic Habitat Goal	1.9E+00	2.0E-01		1.4E-02
BERYLLIUM	2.7E+00	Aquatic Habitat Goal	5.0E+04	4.0E+00		2.7E+00
BIPHENYL, 1,1-	5.0E-01	Ceiling Value	5.0E-01	3.5E+02	(Use soil gas)	1.4E+01
BIS(2-CHLOROETHYL)ETHER	1.4E-02	Drinking Water Toxicity	3.6E+02	1.4E-02	6.5E+01	6.1E+01
BIS(2-CHLOROISOPROPYL)ETHER	5.0E-01	Drinking Water Toxicity	3.2E+02	5.0E-01	(Use soil gas)	6.1E+01
BIS(2-ETHYLHEXYL)PHTHALATE	4.0E+00	Drinking Water Toxicity	6.5E+02	4.0E+00		3.2E+01
BORON	1.6E+00	Aquatic Habitat Goal	5.0E+04	1.0E+03		1.6E+00
BROMODICHLOROMETHANE	1.0E+02	Drinking Water Toxicity	5.0E+04	1.0E+02	1.7E+02	3.2E+03
BROMOFORM	1.0E+02	Drinking Water Toxicity	5.1E+02	1.0E+02		3.2E+03
BROMOMETHANE	9.8E+00	Drinking Water Toxicity	5.0E+04	9.8E+00	5.8E+02	1.6E+02
CADMIUM	1.1E+00	Aquatic Habitat Goal	5.0E+04	5.0E+00		1.1E+00
CARBON TETRACHLORIDE	5.0E-01	Drinking Water Toxicity	5.2E+02	5.0E-01	9.3E+00	9.8E+00
CHLORDANE	4.0E-03	Aquatic Habitat Goal	2.5E+00	1.0E-01		4.0E-03
CHLOROANILINE, p-	5.0E+00	Aquatic Habitat Goal	5.0E+04	2.8E+01		5.0E+00
CHLOROBENZENE	2.5E+01	Aquatic Habitat Goal	5.0E+01	7.0E+01	1.3E+04	2.5E+01
CHLOROETHANE	1.2E+01	Aquatic Habitat Goal	1.6E+01	1.2E+01	8.2E+02	1.2E+01
CHLOROFORM	7.0E+01	Drinking Water Toxicity	2.4E+03	7.0E+01	3.3E+02	6.2E+02
CHLOROMETHANE	1.3E+00	Drinking Water Toxicity	5.0E+04	1.3E+00	4.1E+01	3.2E+03
CHLOROPHENOL, 2-	1.8E-01	Ceiling Value	1.8E-01	3.5E+01	5.3E+03	4.4E+02
CHROMIUM (Total)	5.0E+01	Drinking Water Toxicity	5.0E+04	5.0E+01		1.8E+02
CHROMIUM III	1.8E+02	Aquatic Habitat Goal	5.0E+04	2.0E+05		1.8E+02
CHROMIUM VI	1.1E+01	Aquatic Habitat Goal	5.0E+04	2.1E+01		1.1E+01
CHRYSENE	2.9E-01	Drinking Water Toxicity	8.0E-01	2.9E-01	(Use soil gas)	3.5E-01
COBALT	3.0E+00	Aquatic Habitat Goal	5.0E+04	1.4E+02		3.0E+00
COPPER	3.1E+00	Aquatic Habitat Goal	1.0E+03	1.3E+03		3.1E+00

TABLE F-1a. GROUNDWATER SCREENING LEVELS
(groundwater IS a current or potential drinking water resource)
(ug/l)

CHEMICAL PARAMETER	[1]Final Groundwater Screening Level	Basis	Ceiling Value (Taste & Odors, etc.) Table I-1	Drinking Water (Toxicity) Table F-3	Vapor Intrusion Into Buildings Table E-1a	Aquatic Habitat Goal (Chronic) Table F-4a
CYANIDE (Free)	1.0E+00	Aquatic Habitat Goal	1.7E+02	2.0E+02	(Use soil gas)	1.0E+00
DIBENZO(a,h)ANTHTRACENE	8.5E-03	Drinking Water Toxicity	2.5E-01	8.5E-03		7.5E+00
DIBROMOCHLOROMETHANE	1.0E+02	Drinking Water Toxicity	5.0E+04	1.0E+02	1.7E+02	3.2E+03
1,2-DIBROMO-3-CHLOROPROPANE	2.0E-01	Aquatic Habitat Goal	1.0E+01	2.0E-01	(Use soil gas)	2.0E-01
DIBROMOETHANE, 1,2-	5.0E-02	Drinking Water Toxicity	5.0E+04	5.0E-02	1.5E+02	1.4E+03
DICHLOROBENZENE, 1,2-	1.0E+01	Ceiling Value	1.0E+01	6.0E+02	7.7E+04	1.4E+01
DICHLOROBENZENE, 1,3-	6.5E+01	Aquatic Habitat Goal	5.0E+04	2.1E+02	(Use soil gas)	6.5E+01
DICHLOROBENZENE, 1,4-	5.0E+00	Ceiling Value	5.0E+00	5.0E+00	3.4E+02	1.5E+01
DICHLOROBENZIDINE, 3,3-	2.9E-02	Drinking Water Toxicity	1.6E+03	2.9E-02		2.5E+02
DICHLORODIPHENYLDICHLOROETHANE (DDD)	1.0E-03	Aquatic Habitat Goal	8.0E+01	1.5E-01		1.0E-03
DICHLORODIPHENYLDICHLOROETHYLENE (DDE)	1.0E-03	Aquatic Habitat Goal	2.0E+01	1.0E-01		1.0E-03
DICHLORODIPHENYLTRICHLOROETHANE (DDT)	1.0E-03	Aquatic Habitat Goal	1.5E+00	1.0E-01		1.0E-03
DICHLOROETHANE, 1,1-	5.0E+00	Drinking Water Toxicity	5.0E+04	5.0E+00	1.0E+03	4.7E+01
DICHLOROETHANE, 1,2-	5.0E-01	Drinking Water Toxicity	7.0E+03	5.0E-01	2.0E+02	1.0E+04
DICHLOROETHYLENE, 1,1-	6.0E+00	Drinking Water Toxicity	1.5E+03	6.0E+00	6.3E+03	2.5E+01
DICHLOROETHYLENE, Cis 1,2-	6.0E+00	Drinking Water Toxicity	5.0E+04	6.0E+00	6.2E+03	5.9E+02
DICHLOROETHYLENE, Trans 1,2-	1.0E+01	Drinking Water Toxicity	2.6E+02	1.0E+01	6.7E+03	5.9E+02
DICHLOROPHENOL, 2,4-	3.0E-01	Ceiling Value	3.0E-01	2.1E+01		1.8E+02
DICHLOROPROPANE, 1,2-	5.0E+00	Drinking Water Toxicity	1.0E+01	5.0E+00	2.8E+02	1.5E+03
DICHLOROPROPENE, 1,3-	5.0E-01	Drinking Water Toxicity	5.0E+04	5.0E-01	5.3E+01	1.2E+02
DIELDRIN	1.9E-03	Aquatic Habitat Goal	4.1E+01	2.2E-03		1.9E-03
DIETHYLPHTHALATE	1.5E+00	Aquatic Habitat Goal	5.0E+04	5.6E+03		1.5E+00
DIMETHYLPHTHALATE	1.5E+00	Aquatic Habitat Goal	5.0E+04	7.0E+04		1.5E+00
DIMETHYLPHENOL, 2,4-	1.0E+02	Drinking Water Toxicity	4.0E+02	1.0E+02	2.5E+06	1.1E+02
DINITROPHENOL, 2,4-	1.4E+01	Drinking Water Toxicity	5.0E+04	1.4E+01		7.5E+01
DINITROTOLUENE, 2,4-	1.1E-01	Drinking Water Toxicity	5.0E+04	1.1E-01		1.2E+02
1,4 DIOXANE	3.0E+00	Drinking Water Toxicity	5.0E+04	3.0E+00		3.4E+05
DIOXIN (2,3,7,8-TCDD)	5.0E-06	Aquatic Habitat Goal	7.0E+03	3.0E-05		5.0E-06
ENDOSULFAN	8.7E-03	Aquatic Habitat Goal	7.5E+01	4.2E+01		8.7E-03
ENDRIN	2.3E-03	Aquatic Habitat Goal	4.1E+01	2.0E+00		2.3E-03
ETHANOL	5.0E+04	Ceiling Value	5.0E+04			
ETHYLBENZENE	3.0E+01	Ceiling Value	3.0E+01	7.0E+02	1.7E+05	2.9E+02
FLUORANTHENE	8.0E+00	Aquatic Habitat Goal	1.3E+02	2.8E+02		8.0E+00
FLUORENE	3.9E+00	Aquatic Habitat Goal	9.5E+02	2.8E+02	1.9E+03	3.9E+00
HEPTACHLOR	3.8E-03	Aquatic Habitat Goal	2.0E+01	1.0E-02		3.8E-03
HEPTACHLOR EPOXIDE	3.8E-03	Aquatic Habitat Goal	1.8E+02	1.0E-02		3.8E-03
HEXACHLOROBENZENE	1.0E+00	Drinking Water Toxicity	5.5E+01	1.0E+00		3.7E+00
HEXACHLOROBUTADIENE	2.1E-01	Drinking Water Toxicity	6.0E+00	2.1E-01		4.7E+00

TABLE F-1a. GROUNDWATER SCREENING LEVELS
(groundwater IS a current or potential drinking water resource)
(ug/l)

CHEMICAL PARAMETER	[1]Final Groundwater Screening Level	Basis	Ceiling Value (Taste & Odors, etc.) Table I-1	Drinking Water (Toxicity) Table F-3	Vapor Intrusion Into Buildings Table E-1a	Aquatic Habitat Goal (Chronic) Table F-4a
HEXACHLOROCYCLOHEXANE (gamma) LINDANE	8.0E-02	Aquatic Habitat Goal	3.5E+03	2.0E-01		8.0E-02
HEXACHLOROETHANE	7.0E-01	Drinking Water Toxicity	1.0E+01	7.0E-01		1.2E+01
INDENO(1,2,3-cd)PYRENE	2.9E-02	Aquatic Habitat Goal	2.7E-01	2.9E-02		2.9E-02
LEAD	2.5E+00	Aquatic Habitat Goal	5.0E+04	1.5E+01		2.5E+00
MERCURY	1.2E-02	Aquatic Habitat Goal	5.0E+04	2.0E+00	(Use soil gas)	1.2E-02
METHOXYCHLOR	1.9E-02	Aquatic Habitat Goal	2.0E+01	4.0E+01		1.9E-02
METHYLENE CHLORIDE	5.0E+00	Drinking Water Toxicity	9.1E+03	5.0E+00	2.4E+03	2.2E+03
METHYL ETHYL KETONE	4.2E+03	Drinking Water Toxicity	8.4E+03	4.2E+03	2.4E+07	1.4E+04
METHYL ISOBUTYL KETONE	1.2E+02	Drinking Water Toxicity	1.3E+03	1.2E+02	3.0E+06	1.7E+02
METHYL MERCURY	3.0E-03	Aquatic Habitat Goal	5.0E+04	7.0E-02		3.0E-03
METHYLNAPHTHALENE (total 1- & 2-)	2.1E+00	Aquatic Habitat Goal	1.0E+01	2.8E+02	2.6E+04	2.1E+00
METHYL TERT BUTYL ETHER	5.0E+00	Ceiling Value	5.0E+00	1.3E+01	2.4E+04	8.0E+03
MOLYBDENUM	3.5E+01	Drinking Water Toxicity	5.0E+04	3.5E+01		2.4E+02
NAPHTHALENE	1.7E+01	Drinking Water Toxicity	2.1E+01	1.7E+01	3.2E+03	2.4E+01
NICKEL	8.2E+00	Aquatic Habitat Goal	5.0E+04	1.0E+02		8.2E+00
PENTACHLOROPHENOL	1.0E+00	Drinking Water Toxicity	3.0E+01	1.0E+00		7.9E+00
PERCHLORATE	6.0E+00	Drinking Water Toxicity	5.0E+04	6.0E+00		6.0E+02
PHENANTHRENE	4.6E+00	Aquatic Habitat Goal	4.1E+02	2.8E+02	(Use soil gas)	4.6E+00
PHENOL	5.0E+00	Ceiling Value	5.0E+00	4.2E+03		1.3E+03
POLYCHLORINATED BIPHENYLS (PCBs)	1.4E-02	Aquatic Habitat Goal	1.6E+01	5.0E-01		1.4E-02
PYRENE	2.0E+00	Aquatic Habitat Goal	6.8E+01	2.1E+02	1.4E+02	2.0E+00
SELENIUM	5.0E+00	Aquatic Habitat Goal	5.0E+04	5.0E+01		5.0E+00
SILVER	1.9E-01	Aquatic Habitat Goal	1.0E+02	1.0E+02		1.9E-01
STYRENE	1.0E+01	Ceiling Value	1.0E+01	1.0E+02	3.1E+05	1.0E+02
tert-BUTYL ALCOHOL	1.2E+01	Drinking Water Toxicity	5.0E+04	1.2E+01	(Use soil gas)	1.8E+04
TETRACHLOROETHANE, 1,1,1,2-	1.3E+00	Drinking Water Toxicity	5.0E+04	1.3E+00	(Use soil gas)	9.3E+02
TETRACHLOROETHANE, 1,1,2,2-	1.0E+00	Drinking Water Toxicity	5.0E+02	1.0E+00	1.9E+02	4.2E+02
TETRACHLOROETHYLENE	5.0E+00	Drinking Water Toxicity	1.7E+02	5.0E+00	1.2E+02	1.2E+02
THALLIUM	2.0E+00	Drinking Water Toxicity	5.0E+04	2.0E+00		2.0E+01
TOLUENE	4.0E+01	Ceiling Value	4.0E+01	1.5E+02	3.8E+05	1.3E+02
TOXAPHENE	2.0E-04	Aquatic Habitat Goal	1.4E+02	3.0E+00		2.0E-04
TPH (gasolines)	1.0E+02	Ceiling Value	1.0E+02	2.1E+02	(Use soil gas)	5.0E+02
TPH (middle distillates)	1.0E+02	Ceiling Value	1.0E+02	2.1E+02	(Use soil gas)	6.4E+02
TPH (residual fuels)	1.0E+02	Ceiling Value	1.0E+02	2.1E+02		6.4E+02
TRICHLOROBENZENE, 1,2,4-	2.5E+01	Aquatic Habitat Goal	3.0E+03	7.0E+01	2.5E+03	2.5E+01
TRICHLOROETHANE, 1,1,1-	6.2E+01	Aquatic Habitat Goal	9.7E+02	2.0E+02	1.3E+05	6.2E+01
TRICHLOROETHANE, 1,1,2-	5.0E+00	Drinking Water Toxicity	5.0E+04	5.0E+00	3.5E+02	4.7E+03
TRICHLOROETHYLENE	5.0E+00	Drinking Water Toxicity	3.1E+02	5.0E+00	5.3E+02	3.6E+02

TABLE F-1a. GROUNDWATER SCREENING LEVELS
(groundwater IS a current or potential drinking water resource)
(ug/l)

CHEMICAL PARAMETER	[1]Final Groundwater Screening Level	Basis	Ceiling Value (Taste & Odors, etc.) Table I-1	Drinking Water (Toxicity) Table F-3	Vapor Intrusion Into Buildings Table E-1a	Aquatic Habitat Goal (Chronic) Table F-4a
TRICHLOROPHENOL, 2,4,5-	1.1E+01	Aquatic Habitat Goal	2.0E+02	7.0E+02	8.3E+05	1.1E+01
TRICHLOROPHENOL, 2,4,6-	5.0E-01	Drinking Water Toxicity	1.0E+02	5.0E-01		4.9E+02
VANADIUM	1.5E+01	Drinking Water Toxicity	5.0E+04	1.5E+01		1.9E+01
VINYL CHLORIDE	5.0E-01	Drinking Water Toxicity	3.4E+03	5.0E-01	3.8E+00	7.8E+02
XYLENES	2.0E+01	Ceiling Value	2.0E+01	1.8E+03	1.6E+05	1.0E+02
ZINC	8.1E+01	Aquatic Habitat Goal	5.0E+03	5.0E+03		8.1E+01

Red: >25% change in comparison to July 2003 ESL. Ethanol added to February 2005 ESLs

Notes:

1. Lowest of Ceiling Value, Drinking Water (toxicity) goal, Indoor-Air Impact goal and Aquatic Habitat Goal>Used to develop soil leaching levels for protection of groundwater quality.

TPH -Total Petroleum Hydrocarbons. See text for discussion of different TPH categories.

sol - solubility threshold

Ceiling Level: Odor threshold, 1/2 solubility or 50000 ug/L maximum, whichever is lower. Intended to limit general groundwater resource degradation.

Odor-thresholds assume no dilution.

Human Toxicity: Based on primary maximum concentration levels (MCLs), or equivalent. Considered protective of human health.

Indoor Air Impact: Addresses potential emission of volatile chemicals from groundwater and subsequent impact on indoor air. Value for very permeable (e.g., sandy vadose-zone soils).

Aquatic Habitat Goal: Addresses potential discharge of groundwater to surface waterbody and subsequent impact on aquatic life; Potential dilution upon discharge to surface water not considered.

Review of aquatic ecotoxicty data for ethanol underway. Based on preliminary review of available data, chronic toxicity screening levels likely to be significantly greater than ceiling level of 50,000 ug/L (refer to USEPA 2003b, ECOTOX database).

Method detection limits and background concentrations replace final screening level as appropriate.