



# JONAS & ASSOCIATES INC.

## Environmental Consultants

2815 Mitchell Drive, Suite 209 • Walnut Creek, CA 94598 • Tel: (510) 933-5360 • Fax: (510) 933-5362

**DRAFT - SUBJECT TO REVISION**

November 14, 1995

Mr. Mark Warner  
Performance Excavators  
3060 Kerner Blvd., Suite A  
San Rafael, California 94901

Subject: Preliminary Status Report  
Project: Caltrans Cypress A Project - 5th and Adeline Underground Storage Tank Removal  
Performed October 31, 1995.

NOV 15 1995  
11:07 AM  
JONAS & ASSOCIATES INC.

Dear Mark:

We have received the laboratory analytical reports for the subject project. Presented below is a summary of activities performed and laboratory analytical results.

1. On October 30, 1995, two underground storage tanks were discovered at Caltrans, Cypress A Project, 5th and Adeline, Oakland, California.
2. The tanks owner is Caltrans, 1121 7th Street, Oakland, California 94607. Caltrans' project manager is Mr. Frank Cannizzoro, P.E..
3. The tanks were uncovered on October 30, 1995. One of the steel tanks (approximate 157 gallons) was sitting vertically in the ground with an appearance of a 55-gallon drum. The second steel tank (approximately 117 gallons) was lying horizontally, approximately ten feet northwest of the vertical tank.
4. Both tanks contained petroleum hydrocarbons. After exposure of the 157-gallon (vertical) tank, for safety purpose (since top of the tank was open), Caltrans covered the tank with soil. The liquid was absorbed by the backfilled soil and remained inside the tank.
5. To identify the content of the tanks, on October 31, 1995, one liquid sample (Adeline-Tank) was collected from the 117-gallon tank, and one soil sample (Adeline-Drum) was collected from the 157-gallon tank.
6. The samples were analyzed for the following parameters:
  - Total Extractable Petroleum Hydrocarbons as Kerosene, Diesel, and Motor Oil (TEPH-k,d,mo) (EPA Method 3550/8015M).
  - Total Petroleum Hydrocarbons ad Gasoline (TPH-g) and Benzene, Toluene, Ethyl Benzene, and Total Xylenes (BTEX) (EPA Method 5030/8015M/602/8020).
  - Flashpoint (EPA Method SW846-1010)

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Detected concentrations are presented in Table 1, Appendix I.

7. As indicated in Table 1, TEPH-d and -mo were detected in both samples. TPH-g and BTEX were not detected above the reported detection limits.
8. An Underground Tank Closure Plan/Permit was approved by Alameda County Health Care Services on October 31, 1995. The County's project manager is Ms. Susan L. Hugo, Senior Hazardous Materials Specialist. The County's address is: Division of Environmental Protection, Department of Environmental Health, 1131 Harbor Bay Parkway, 2nd Floor, Alameda, California 94502.
9. On October 31, 1995, a tank removal permit (No. 9967) was also obtained from City of Oakland Fire Department.
10. A Regulation 8, Rule 40 Notification Form was completed and sent to the Bay Area Air Quality Management District on November 1, 1995.
11. During the excavation activities, Ms. Hugo was present at the site. However, City of Oakland Fire Department's representative could not attend.
12. The content of the 117-gallon tank was pumped and removed by H&H Ship Services Company located at 220 Terry Francois/China Basin, San Francisco, California 94107 as "*Oil and Water Non-RCRA Hazardous Waste Liquid.*" The liquid waste was to be transported to PRC Patterson, Inc., 13331 N. Highway 33, Patterson, California 95363.  
  
The tank was inerted by PERFEX, and was transported by H&H as "*Residue Petroleum Storage Tank Non-RCRA Hazardous Waste Solid*" to H&H's facility located in San Francisco.
13. The content of the 157-gallon tank was placed into a truck with the excavation soil stockpile and transported to a staging area at J&A Truck Repair site, for temporary storage.  
  
The tank was transported by H&H to their facility in San Francisco as "*Residue Petroleum Storage Tank Non-RCRA Hazardous Waste Solid.*"
14. Soil discoloration was observed in both tanks' excavation pits. One sample from the bottom of each of the excavation pits was collected and analyzed for the following parameters:

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- LUFT 5 Metals (EPA Method 3050A M/6010)
- Total Extractable Petroleum Hydrocarbons as kerosene, diesel, and motor oil (TEPH-k,d,mo) (EPA Method 3550/8015M)
- Total Petroleum Hydrocarbons as gasoline (TPH-g) with Benzene, Toluene, Ethyl Benzene, and Total Xylene (BTEX) (EPA Method 5030/8015/8020)
- Volatile Organic Compounds (VOCs) (EPA Method 8010/8260)

Detected Analytical Results are presented in Table 2, Appendix I.

15. As directed by Ms. Hugo, over-excavation around the former tank area was performed. Due to the proximity of the tanks to each other, the over-excavation pit included former location of both tanks. Two confirmatory soil samples were collected from the bottom of the excavation pit. One soil sample was collected from each wall of the excavation pit. One composite soil sample was collected from the excavated soil stockpile (sample No.: Stockpile-ES).

In order for the construction work to continue, the excavation pit was backfilled with soil brought in from an area approximately 80 feet west of the excavation pit. As requested by Ms. Hugo, one composite soil sample (Stockpile-BS) was also collected from the backfill material prior to its placement into the pit.

All the soil samples were analyzed for the aforementioned parameters. Additionally, the stockpile samples were analyzed for LUFT metals using the Waste Extraction Method (W.E.T. EPA 3005A M/6010).

Analytical results and available regulatory limits are presented in Table 3, Appendix I.

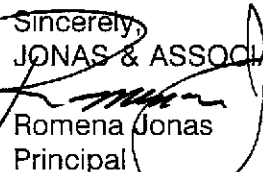
16. No water was encountered in the excavation pit.
17. None of the detected metals exceeded TTLC and/or STLC levels for confirmatory soil samples collected from the excavation pit. TEPH-d greater than 100 mg/kg was detected in the south and west walls of the excavation pit. TEPH-mo greater than 1,000 mg/kg was detected in the west wall of the excavation pit.
18. Lead exceeded STLC levels in both, the excavation and backfill soil stockpile samples.
19. VOCs, TPH-g, TEPH-k, and Cadmium were not detected in any of the confirmatory and stockpile soil samples.
20. As stated previously, the excavation pit was backfilled with surplus soil brought in from an area approximately 80 feet west of the excavation.

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21. Appendix I contains report tables. Appendix II includes laboratory analytical reports for the tank content samples collected on October 31, 1995. Appendix III presents laboratory analytical reports for the confirmatory and stockpile soil samples.
22. Two Underground Storage Tank Unauthorized Release (LEAK)/Contamination Site Reports have been completed and will be submitted to Ms. Susan Hugo.

The analytical reports should be submitted to Alameda County Health Care Services for their review and comments, prior to preparation of a tank closure report.

Should you have any questions, or comments, please contact us at your convenience.

Sincerely,  
JONAS & ASSOCIATES INC.  
  
Romena Jonas  
Principal

cc: Ms. Susan Hugo, Alameda County Health Care Services  
Mr. Frank Cannizzoro, P.E., Caltrans

Jonas & Associates Inc.

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**APPENDIX I  
REPORT TABLES**

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TABLE 1  
DETECTED PARAMETERS  
SAMPLES FROM TANKS' CONTENT  
COLLECTED ON OCTOBER 27, 1995

PARAMETER	117-GALLON TANK (Sample Number: Adeline-Tank) CONCENTRATION (mg/l)	157-GALLON TANK (Sample Number: Adeline-Drum) CONCENTRATION (mg/kg)
TEPH-d	2,670	37
TEPH-mo	4,560	80
Flashpoint	>160 (F deg)	CA
pH	7.4	CA
NOTE: CA = Currently Unavailable		

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TABLE 2  
 DETECTED PARAMETERS  
 SOIL SAMPLES FROM TANKS EXCAVATION PITS  
 COLLECTED ON NOVEMBER 1, 1995

PARAMETER	117-GALLON TANK (Sample Number: Tank-B1) CONCENTRATION (mg/kg)	157-GALLON TANK (Sample Number: Vertical-TankB1) CONCENTRATION (mg/kg)
TEPH-d	6,200	ND
TEPH-mo	ND	1,200
TPH-g	190	ND
Total Xylenes	1.8	ND
Ethyl Benzene	0.83	ND
Cadmium	ND	0.5
Chromium	8.1	12
Lead	31	140
Nickel	6.0	9.1
Zinc	38	190
NOTE: ND = Not Detected Above the Laboratory Detection Limit.		

benzene

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TABLE 3  
DETECTED PARAMETERS  
CONFIRMATORY AND STOCKPILE SOIL SAMPLES  
COLLECTED ON NOVEMBER 1, 1995

PARAMETER	SAMPLE NUMBER AND DETECTED CONCENTRATIONS										AVAILABLE REGULATORY LIMITS	
	PIT-SW (mg/kg)	PIT-NW (mg/kg)	PIT-WW (mg/kg)	PIT-EW (mg/kg)	PIT-BE (mg/kg)	PIT-BW (mg/kg)	STOCKPILE-BS (mg/kg)	STOCKPILE-ES (mg/kg)	STOCKPILE-BS (mg/l) METAL/WET	STOCKPILE-ES (mg/l) METAL/WET	STLC	TTLIC
TEPH-d	270	ND	120	36	96	ND	ND	47	ND	47	NA	100 (assumed)
TEPH-mo	99	ND	3,600	ND	76	ND	ND	51	ND	51	NA	500 - 1,000 (assumed)
Chromium	12	14	10	12	12	14	16	11	ND	ND	5	500
Lead	6.3	18	23	18	19	1.3	120	53	12	5.1	5.0	1,000
Nickel	9.1	7.9	7.3	11	7.3	10	7.1	7.5	ND	ND	20	1,000
Zinc	20	40	31	46	36	13	76	84	6.3	6.8	250	1,000
<b>Note:</b> ND = Not detected above the laboratory reported detection limit. NA = Not Available NT = Not Tested												

J. G. & Associates Inc.



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**APPENDIX II  
LABORATORY ANALYTICAL REPORTS  
SAMPLES FROM TANKS' CONTENT  
COLLECTED ON OCTOBER 27, 1995**

# CHROMALAB, INC.

Environmental Services (SDB)

October 31, 1995

Submission #: 9510464

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS-A. ADELINE

Project#: CLT-212

Received: October 31, 1995

re: 1 sample for Total Extractable Petroleum Hydrocarbons (TEPH) analysis.

Method: EPA 3550/8015M

Sampled: October 31, 1995

Matrix: SOIL

Extracted: October 31, 1995

Run: 9157-K

Analyzed: October 31, 1995

<u>Spl #</u>	<u>Sample ID</u>	<u>Kerosene (mg/Kg)</u>	<u>Diesel (mg/Kg)</u>	<u>Motor Oil (mg/Kg)</u>
108599	ADELINE-DRUM	N.D.	37	80

Reporting Limits

1.0

1.0

50

Blank Result

N.D.

N.D.

N.D.

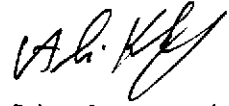
Blank Spike Result (%)

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81

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Kayvan Kimyai  
Chemist

  
Ali Kharrazi  
Organic Manager

1220 Quarry Lane • Pleasanton, California 94566-4756

FAX TO: FORWARD INVOICE TO PERFORMANCE EXCAVATOR (510) 484-1919 • Facsimile (510) 484-1096

Federal ID #68-0140157

N:QC1002 KAYVAN 18:08:06

# CHROMALAB, INC.

Environmental Services (SDB)

October 31, 1995

Submission #: 9510464

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS-A. ADELINE

Project#: CLT-212

Received: October 31, 1995

re: 1 sample for Total Extractable Petroleum Hydrocarbons (TEPH) analysis.

Method: EPA 3510/8015M

Sampled: October 31, 1995

Matrix: LIQUID

Extracted: October 31, 1995

Run: 9159-K

Analyzed: October 31, 1995

<u>Spl #</u>	<u>Sample ID</u>	<u>Kerosene (ug/L)</u>	<u>Diesel (ug/L)</u>	<u>Motor Oil (ug/L)</u>
108595	ADELINE-TANK	N.D.	2670000	4560000

Reporting Limits

5000

5000

50000

Blank Result

N.D.

N.D.

N.D.


Blank Spike Result (%)

--

85

--

  
Kayvan Kimyai  
Chemist

  
Ali Kharrazi  
Organic Manager

1220 Quarry Lane • Pleasanton, California 94566-4756

FAX TO: FORWARD INVOICE TO PERFORMANCE EXCAVATOR (510) 484-1919 • Facsimile (510) 484-1096

510-933-5362 10/31

Federal ID #68-0140157

N:QC1002 KAYVAN 16:34:06

# CHROMALAB, INC.

Environmental Services (SDB)

October 31, 1995

Submission #: 9510464

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

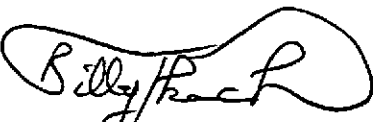
Project: CYPRESS-A. ADELINE  
Received: October 31, 1995


Project#: CLT-212

re: 1 sample for Gasoline and BTEX analysis.  
Method: EPA 5030/8015M/602/8020

Sampled: October 31, 1995 Matrix: LIQUID Run: 9160-1 Analyzed: October 31, 1995

Spl #	Sample ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
108595	ADELINE-TANK	N.D.	N.D.	N.D.	N.D.	N.D.
Reporting Limits		0.1	1.0	1.0	1.0	5.0
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		95	108	104	103	103

  
Billy Thach  
Chemist

  
Ali Kharrazi  
Organic Manager

1220 Quarry Lane • Pleasanton, California 94566-4756

FAX TO: FORWARD INVOICE TO PERFORMANCE EXCAVATOR (510) 484-1919 • Facsimile (510) 484-1096  
510-933-5362 10/31

Federal ID #68-0140157

N:QC1002 BILLY 13:23:10

# CHROMALAB, INC.

Environmental Services (SDB)

October 31, 1995

Submission #: 9510464

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS-A. ADELINE  
Received: October 31, 1995

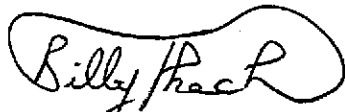
Project#: CLT-212

re: 1 sample for Gasoline and BTEX analysis.  
Method: EPA 5030/8015M/8020

Sampled: October 31, 1995      Matrix: SOIL  
Run: 9160-1      Analyzed: October 31, 1995

<u>SpI #</u>	<u>Sample ID</u>	<u>Gasoline (mg/Kg)</u>	<u>Benzene (ug/Kg)</u>	<u>Toluene (ug/Kg)</u>	<u>Ethyl Benzene (ug/Kg)</u>	<u>Total Xylenes (ug/Kg)</u>
108599	ADELINE-DRUM	N.D.	N.D.	N.D.	N.D.	N.D.

Reporting Limits	1.0	5.0	5.0	5.0	5.0
Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)	95	108	104	103	103



Billy Thach  
Chemist



Ali Kharrazi  
Organic Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 31, 1995

Submission #: 9510464

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS-A. ADELINE  
Received: October 31, 1995

Project#: CLT-212

re: One sample for Flashpoint analysis.  
Method: EPA SW846-1010

SampleID: ADELINE-TANK

Sample #: 108595

Matrix: LIQUID

Extracted: October 31, 1995

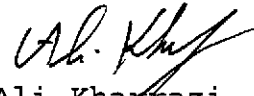
Sampled: October 31, 1995

Run: 9163-C

Analyzed: October 31, 1995

<u>Analyte</u>	<u>RESULT</u> (F deg)	<u>REPORTING</u> <u>LIMIT</u> (F deg)	<u>BLANK</u> <u>RESULT</u> (F deg)	<u>BLANK SPIKE</u> <u>RESULT</u> (%)
Flashpoint	>160	+/-2F deg	N.D.	--

  
Carolyn House  
Extractions Supervisor

  
Ali Khazrazi  
Organic Manager

# CHROMALAB, INC.

Environmental Services (SDB)

October 31, 1995

Submission #: 9510464

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas


Project: CYPRESS-A. ADELINE  
Received: October 31, 1995


Project#: CLT-212

re: 1 sample for pH analysis.  
Method: EPA 9040/9045

Sampled: October 31, 1995    Matrix: LIQUID    Extracted: October 31, 1995  
Run: 9161-C    Analyzed: October 31, 1995

<u>Spl #</u>	<u>Sample ID</u>	<u>PH</u> <u>(UNITS)</u>	<u>REPORTING</u> <u>LIMIT</u> <u>(UNITS)</u>	<u>BLANK</u> <u>RESULT</u> <u>(UNITS)</u>	<u>BLANK SPIKE</u> <u>RESULT</u> <u>(%)</u>
108595	ADELINE-TANK	7.4	0.10	N.D.	--

  
Carolyn House  
Extractions Supervisor

  
Ali Kharrazi  
Organic Manager

464/108595-100577

# CHROMALAB, INC.

SUBM #: 9510464 REP: GC  
 CLIENT: JONAS  
 DUE: 10/31/95  
 REF #: 24698

24698

## Chain of Custody

Environmental Services (SDB) (DOHS 1094)

DATE 10/31/95 PAGE 1 OF 1

PROJ. MGR					ANALYSIS REPORT																	NUMBER OF CONTAINERS	
COMPANY					TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)			
ADDRESS					SAMPLERS (SIGNATURE)					(PHONE NO.)					(FAX NO.)								
SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.																			
Adeline-Tank	10/31/95	7:00	liquid water	Hcl	X	X															X		4
Adelin-Drum	10/31/95	7:05	Soil	None	X	X															X		1
<b>RUSH</b>																							
PROJECT INFORMATION					SAMPLE RECEIPT					RELINQUISHED BY			RELINQUISHED BY			RELINQUISHED BY							
PROJECT NAME: Cypress-A-Adeline					TOTAL NO. OF CONTAINERS: 5					1. RELINQUISHED BY: [Signature] 9:09			2. RELINQUISHED BY:			3. RELINQUISHED BY:							
PROJECT NUMBER: CLT-212					HEAD SPACE:					[Signature] 10/31/95			[Signature] (TIME)			[Signature] (TIME)							
P.O. #:					REC'D GOOD CONDITION/COLD:					[Printed Name] (DATE)			[Printed Name] (DATE)			[Printed Name] (DATE)							
CONFORMS TO RECORD:					TAT					Jonas & Associates Inc. (COMPANY)			[Signature] (TIME)			[Signature] (TIME)							
STANDARD 5-DAY					24 48 72 OTHER					RECEIVED BY			RECEIVED BY			RECEIVED BY (LABORATORY)							
SPECIAL INSTRUCTIONS/COMMENTS: Please forward invoice TO Performance evaluators										[Signature] (TIME)			[Signature] (TIME)			Chris Rowley 9:09 (TIME)							
										[Printed Name] (DATE)			[Printed Name] (DATE)			Chris Rowley 10/31/95 (DATE)							
										[Signature] (TIME)			[Signature] (TIME)			Chris Rowley 10/31/95 (TIME)							
										[Printed Name] (DATE)			[Printed Name] (DATE)			Chromalab (LAB)							



Jonas & Associates Inc.

**DRAFT SUBJECT TO REVISION**

**APPENDIX III  
LABORATORY ANALYTICAL REPORTS  
EXCAVATION AND STOCKPILE SOIL SAMPLES  
COLLECTED ON NOVEMBER 1, 1995**

# CHROMALAB, INC.

Environmental Services (SDB)

November 13, 1995

Submission #: 9511046


JONAS & ASSOCIATES, INC.


Atten: Romena Jonas  
 Project: CYPRESS A-ADELIN/5TH ST. Project#: CLT-212  
 Received: November 2, 1995  
 re: 10 samples for Total Extractable Petroleum Hydrocarbons (TEPH)  
 analysis.

Method: EPA 3550/8015M  
 Sampled: November 1, 1995 Matrix: SOIL Extracted: November 8, 1995  
 Run: 9291-K Analyzed: November 9, 1995

Spl #	Sample ID	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
109120	PIT-SW	N.D.	270	99
109121	PIT-WW	N.D.	120	3600
109122	PIT-NW	N.D.	N.D.	N.D.
109123	PIT-BE	N.D.	96	76
109124	PIT-BW	N.D.	N.D.	N.D.
109125	PIT-EW	N.D.	36	N.D.
109126	VERTICAL-TANKB1	N.D.	N.D.	1200
For above sample: Unknown hydrocarbons in the Diesel range, conc. = 1400 mg/Kg.				
109127	STOCKPILE-BS	N.D.	N.D.	N.D.
109128	STOCKPILE-ES	N.D.	47	51
109129	TANK-B1	N.D.	6200	N.D.
For above sample: Reporting limits raised 100X due to sample interference.				

Reporting Limits	100	100	5000
Blank Result	N.D.	N.D.	N.D.
Blank Spike Result (%)	--	91	--

  
 Kayvan Kimyai  
 Chemist

  
 Eric Tam  
 Laboratory Director

**CHROMALAB, INC.**

Environmental Services (SDB)

November 10, 1995

Submission #: 9511046

JONAS &amp; ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELIN/5TH ST.  
Received: November 2, 1995

Project#: CLT-212

re: 10 samples for Gasoline and BTEX analysis.  
Method: EPA 5030/8015M/8020

Sampled: November 1, 1995

Matrix: SOIL  
Run: 9278-3

Analyzed: November 7, 1995

Spl #	Sample ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
109120	PIT-SW	N.D.	N.D.	N.D.	N.D.	N.D.
109121	PIT-WW	N.D.	N.D.	N.D.	N.D.	N.D.
	For above sample:	BTEX detection limit=242ug/Kg and Gasoline detection limit=48mg/Kg.				
109122	PIT-NW	N.D.	N.D.	N.D.	N.D.	N.D.
109123	PIT-BE	N.D.	N.D.	N.D.	N.D.	N.D.
109124	PIT-BW	N.D.	N.D.	N.D.	N.D.	N.D.
109125	PIT-EW	N.D.	N.D.	N.D.	N.D.	N.D.

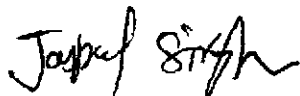
Sampled: November 1, 1995

Matrix: SOIL  
Run: 9310-1

Analyzed: November 9, 1995

Spl #	Sample ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
109126	VERTICAL-TANKB1	N.D.	N.D.	N.D.	N.D.	N.D.
109127	STOCKPILE-BS	N.D.	N.D.	N.D.	N.D.	N.D.
109128	STOCKPILE-ES	N.D.	N.D.	N.D.	N.D.	N.D.
109129	TANK-B1	190	N.D.	N.D.	830	1800
	For above sample:	BTEX detection limit=240ug/Kg and Gasoline detection limit=48mg/Kg.				

Reporting Limits	1.0	5.0	5.0	5.0	5.0
Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)	89	106	104	105	103


Jaspal Singh  
Chemist

Eric Tam  
Laboratory Director

1220 Quarry Lane • Pleasanton, California 94566-4756  
(510) 484-1919 • Facsimile (510) 484-1096  
Federal ID #68-0140157

# CHROMALAB, INC.

Environmental Services (SOB)  
November 7, 1995

Submission #: 9511046

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.  
Received: November 2, 1995

Project#: CLT-212

re: 10 samples for Cadmium, Chromium, Lead, Nickel, and Zinc analysis.  
Method: EPA 3050A M/6010

Sampled: November 1, 1995 Matrix: SOIL Run: 9267-C  
Extracted: November 7, 1995  
Analyzed: November 7, 1995

Spl #	Sample ID	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
109120	PIT-SW	N.D.	12	6.3	9.1	20
109121	PIT-WW	N.D.	10	23	7.3	31
109122	PIT-NW	N.D.	14	18	7.9	40
109123	PIT-BE	N.D.	12	19	7.3	36
109124	PIT-BW	N.D.	14	1.3	10	13
109125	PIT-EW	N.D.	12	18	11	46
109126	VERTICAL-TANKB1	0.5	12	140	9.1	190
109127	STOCKPILE-BS	N.D.	16	120	7.1	76
109128	STOCKPILE-ES	N.D.	11	53	7.5	84
109129	TANK-B1	N.D.	8.1	31	6.0	88

Reporting Limits	0.5	1.0	1.0	1.0	1.0
Blank Result	N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)	106	107	105	104	106

*Charles Woolley*  
Charles Woolley  
Chemist

*John S. Labash*  
John S. Labash  
Inorganic Supervisor

**CHROMALAB, INC.**

Environmental Services (SDB)

November 6, 1995

Submission #: 9511046

JONAS &amp; ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELIN/5TH ST.  
Received: November 2, 1995

Project#: CLT-212

re: One sample for California W.E.T. (STLC) Metals analysis.  
Method: CA WET/EPA 3005A M/6010

SampleID: STOCKPILE-ES

Sample #: 109131

Sampled: November 1, 1995

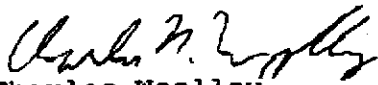
Matrix: SOIL

Run: 9248-C

Extracted: November 6, 1995

Analyzed: November 6, 1995

Analyte	RESULT	REPORTING	BLANK	BLANK SPIKE
	(mg/L)	LIMIT	RESULT	RESULT
	(mg/L)	(mg/L)	(mg/L)	(%)
CADMIUM	N.D.	0.1	N.D.	100
CHROMIUM	N.D.	0.5	N.D.	101
LEAD	5.1	0.5	N.D.	99
NICKEL	N.D.	0.5	N.D.	101
ZINC	6.8	0.5	N.D.	97



Charles Woolley  
Chemist



John S. Labash  
Inorganic Supervisor

# CHROMALAB, INC.

Environmental Services (SDB)

November 6, 1995

Submission #: 9511046

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.  
 Received: November 2, 1995

Project#: CLT-212

re: One sample for California W.E.T. (STLC) Metals analysis.  
 Method: CA WET/EPA 3005A M/6010

SampleID: STOCKPILE-88  
 Sample #: 109130  
 Sampled: November 1, 1995

Matrix: SOIL  
 Run: 9248-C

Extracted: November 6, 1995  
 Analyzed: November 6, 1995

Analyte	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE RESULT (%)
CADMIUM	N.D.	0.1	N.D.	100
CHROMIUM	N.D.	0.5	N.D.	101
LEAD	12	0.5	N.D.	99
NICKEL	N.D.	0.5	N.D.	101
ZINC	6.3	0.5	N.D.	97

*Charles M. Woolley*  
 Charles Woolley  
 Chemist

*John S. Labash*  
 John S. Labash  
 Inorganic Supervisor

# CHROMALAB, INC.

Environmental Services (SDB)

November 9, 1995

Submission #: 9511046

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELIN/5TH ST.

Project#: CLT-212

Received: November 2, 1995

re: One sample for Volatile Halogenated Organics analysis.

Method: EPA 8010/8260

SampleID: TANK-B1

Sample #: 109129

Matrix: SOIL

Sampled: November 1, 1995

Run: 9304-0

Analyzed: November 7, 1995

Analyte	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	114
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	106
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	104
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--



Oleg Nemtsov  
Chemist



Eric Tam  
Laboratory Director

# CHROMALAB, INC.

Environmental Services (SOB)

November 9, 1995

Submission #: 9511046

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.

Project#: CLT-212

Received: November 2, 1995

re: One sample for Volatile Halogenated Organics analysis.

Method: EPA 8010/8260

SampleID: STOCKPILE-B8

Sample #: 109127

Matrix: SOIL

Sampled: November 1, 1995

Run: 9304-0

Analyzed: November 7, 1995

Analyte	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	114
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	106
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	104
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--

*Oleg Nemtsov*  
 Oleg Nemtsov  
 Chemist

*Eric Tam*  
 Eric Tam  
 Laboratory Director



**CHROMALAB, INC.**

Environmental Services (SDB)

November 9, 1995

Submission #: 9511046

JONAS &amp; ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.

Project#: CLT-212

Received: November 2, 1995

re: One sample for Volatile Halogenated Organics analysis.  
 Method: EPA 8010/8260

SampleID: VERTICAL-TANKB1

Sample #: 109126

Matrix: SOIL

Sampled: November 1, 1995

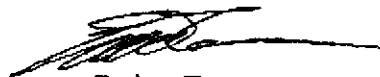
Run: 9304-O

Analyzed: November 7, 1995

Analyte	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK \$PIKE RESULT (%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	114
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	106
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	104
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--



Oleg Nemtsov  
Chemist



Eric Tam  
Laboratory Director

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Federal ID #68-0140157

# CHROMALAB, INC.

Environmental Services (SDB)

November 9, 1995

Submission #: 9511046

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.  
Received: November 2, 1995

Project#: CLT-212

re: One sample for Volatile Halogenated Organics analysis.  
Method: EPA 8010/8260

SampleID: PIT-EW

Sample #: 109125

Matrix: SOIL

Sampled: November 1, 1995

Run: 9304-0

Analyzed: November 7, 1995

Analyte	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	114
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	106
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	104
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--

*Oleg Nemtsov*

Oleg Nemtsov  
Chemist

*Eric Tam*

Eric Tam  
Laboratory Director

# CHROMALAB, INC.

Environmental Services (SDB)

November 9, 1995

Submission #: 9511046

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.  
Received: November 2, 1995

Project#: CLT-212

re: One sample for Volatile Halogenated Organics analysis.  
Method: EPA 8010/8260

SampleID: PIT-BW

Sample #: 109124

Matrix: SOIL

Sampled: November 1, 1995

Run: 9304-0

Analyzed: November 7, 1995

Analyte	RESULT	REPORTING	BLANK	BLANK SPIKE
	(ug/Kg)	LIMIT	RESULT	RESULT
		(ug/Kg)	(ug/Kg)	(%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	114
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	106
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	104
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--

*Oleg Nemtsov*  
Oleg Nemtsov  
Chemist

*Eric Tam*  
Eric Tam  
Laboratory Director

**CHROMALAB, INC.**

Environmental Services (SDB)

November 9, 1995

Submission #: 9511046

JONAS &amp; ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.

Project#: CLT-212

Received: November 2, 1995

re: One sample for Volatile Halogenated Organics analysis.

Method: EPA 8010/8260

SampleID: PIT-BE

Sample #: 109123

Matrix: SOIL

Sampled: November 1, 1995

Run: 9304-0

Analyzed: November 7, 1995

Analyte	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	114
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	106
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROENZENE	N.D.	5.0	N.D.	104
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--

*Oleg Nemtsov*Oleg Nemtsov  
ChemistEric Tam  
Laboratory Director

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Federal ID #68-0140157

**CHROMALAB, INC.**

Environmental Services (SDB)

November 9, 1995

Submission #: 9511046

JONAS &amp; ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.

Project#: CLT-212

Received: November 2, 1995

re: One sample for Volatile Halogenated Organics analysis.

Method: EPA 8010/8260

SampleID: PIT-NW

Sample #: 109122

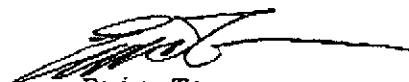
Matrix: SOIL

Sampled: November 1, 1995

Run: 9304-0

Analyzed: November 7, 1995

Analyte	RESULT	REPORTING	BLANK	BLANK SPIKE
	(ug/Kg)	LIMIT	RESULT	RESULT
		(ug/Kg)	(ug/Kg)	(%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	114
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	106
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	104
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--


Oleg Nemtsov  
Chemist

Eric Tam  
Laboratory Director

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Federal ID #68-0140157

# CHROMALAB, INC.

Environmental Services (SDB)

November 9, 1995

Submission #: 9511046

JONAS & ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.  
Received: November 2, 1995

Project#: CLT-212

re: One sample for Volatile Halogenated Organics analysis.  
Method: EPA 8010/8260

SampleID: PIT-WW

Sample #: 109121

Sampled: November 1, 1995

Matrix: SOIL

Run: 9304-0

Analyzed: November 7, 1995

Analyte	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	114
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	106
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	104
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--

*Oleg Nemtsov*

Oleg Nemtsov  
Chemist

*Eric Tam*

Eric Tam  
Laboratory Director

**CHROMALAB, INC.**

Environmental Services (SDB)

November 9, 1995

Submission #: 9511046

JONAS &amp; ASSOCIATES, INC.

Atten: Romena Jonas

Project: CYPRESS A-ADELINE/5TH ST.

Project#: CLT-212

Received: November 2, 1995

re: One sample for Volatile Halogenated Organics analysis.

Method: EPA 8010/8260

SampleID: PIT-SW

Sample #: 109120

Matrix: SOIL

Sampled: November 1, 1995

Run: 9304-0

Analyzed: November 7, 1995

Analyte	RESULT	REPORTING	BLANK	BLANK SPIKE
	(ug/Kg)	LIMIT	RESULT	RESULT
		(ug/Kg)	(ug/Kg)	(%)
CHLOROMETHANE	N.D.	5.0	N.D.	--
VINYL CHLORIDE	N.D.	5.0	N.D.	--
BROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	114
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5.0	N.D.	--
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--
CHLOROFORM	N.D.	5.0	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--
TRICHLOROETHENE	N.D.	5.0	N.D.	106
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5.0	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--
TETRACHLOROETHENE	N.D.	5.0	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--
CHLOROBENZENE	N.D.	5.0	N.D.	104
BROMOFORM	N.D.	5.0	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--

*Oleg Nemtsov*  
Oleg Nemtsov  
Chemist

*Eric Tam*  
Eric Tam  
Laboratory Director

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Federal ID #68-0140157

# CHROMALAB, INC.

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# Chain of Custody

Environmental Services (SDB) (DOHS 1094)

DATE 11-1-95

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PROJECT INFORMATION					ANALYSIS REPORT																	
PROJECT INFORMATION					ANALYSIS REPORT																	
PROJECT INFORMATION					TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)	Luft/Wet	NUMBER OF CONTAINERS
SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 8+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)	Luft/Wet	NUMBER OF CONTAINERS
Pit-SW	11/1/95	1518	Soil		X	X		X								X						1
Pit-WW	"	"	1519	Soil																		1
Pit-NW	"	"	1522	Soil																		1
Pit-BE	"	"	1525	Soil																		1
Pit-BW	"	"	1527	Soil																		1
Pit-EW	"	"	1533	Soil																		1
Vertical-TankB1	"	"	1225	Soil																		1
Stockpile-BS	"	"	1428	Soil																	X	1
Stockpile-ES	"	"	1630	Soil																	X	1

PROJECT INFORMATION				SAMPLE RECEIPT				RELINQUISHED BY 1			RELINQUISHED BY 2			RELINQUISHED BY 3		
PROJECT NAME	Cypress A-Adeline 15 <sup>th</sup> ST			TOTAL NO. OF CONTAINERS	9			(SIGNATURE)	Romana Jones 11/2/95		(SIGNATURE)			(SIGNATURE)		
PROJECT NUMBER	CLT-212			HEAD SPACE				(PRINTED NAME)	Romana Jones 11/2/95		(PRINTED NAME)			(PRINTED NAME)		
P.O. #				REC'D GOOD CONDITION/COLD				(COMPANY)	Jonas & Associates Inc.		(COMPANY)			(COMPANY)		
TAT	STANDARD 5-DAY	24	48	72	OTHER			(SIGNATURE)	Pedro Solis 11/2/95		(SIGNATURE)			(SIGNATURE)		
SPECIAL INSTRUCTIONS/COMMENTS:								(PRINTED NAME)	Pedro Solis 11/2/95		(PRINTED NAME)			(PRINTED NAME)		
								(COMPANY)	CHROMALAB INC		(COMPANY)			(LAB)	Chromalab, Inc.	



