

FACSIMILE TRANSMISSION

To: Barney Chan

Fax Number: 337-9335

From: Jim McCarty

Date: June 5, 2000

Subject: 9th and Broadway Sample Results

Project Number: 49600-5

Number of pages (including this cover sheet): 8

Remarks:

Barney

Here is a copy of the VOC results for the "hottest" soil sample from the 9th and Broadway site. I would like to call and discuss with you if you have time tomorrow.

cc: _____

Transmitted by: _____

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Harding Lawson Associates
Engineering and Environmental Services
383 Fourth Street, Third Floor
Oakland, CA 94607 — (510) 451-1001

FAX (510) 451-3165

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-05-0557

Volatile Organic Compounds

Harding Lawson Assoc -Oakland

 383 Fourth Street, Third Floor
Oakland, CA 94607

Attn: James G McCarty

Phone: (510) 628-3220 Fax: (510) 451-3165

Project #: 49600-5

Project: 9th & Broadway, Oakland

Samples Reported

Sample ID	Matrix	Date Sampled	Lab #
Sample #2	Soil	05/25/2000 09:00	2

1220 Query Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1098

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-05-0557

To: **Harding Lawson Assoc -Oakland**

Test Method: 8260A

Attn.: James G McCarty

Prep Method: 5030

Volatile Organic Compounds

Sample ID: Sample #2 (<i>Spills</i>)	Lab Sample ID: 2000-05-0557-002
Project: 49600-5 9th & Broadway, Oakland	Received: 05/25/2000 17:08
Sampled: 05/25/2000 09:00	Extracted: 06/02/2000 16:16
Matrix: Soil	QC-Batch: 2000/06/02-02.39
Sample/Analysis Flag o (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
Acetone	ND	12000	ug/Kg	238.10	06/02/2000 16:16	
Benzene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Bromodichloromethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Bromoform	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Bromomethane	ND	2400	ug/Kg	238.10	06/02/2000 16:16	
Carbon tetrachloride	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Chlorobenzene	29000	1200	ug/Kg	238.10	06/02/2000 16:16	
Chloroethane	ND	2400	ug/Kg	238.10	06/02/2000 16:16	
2-Butanone(MEK)	ND	12000	ug/Kg	238.10	06/02/2000 16:16	
2-Chloroethylvinyl ether	ND	12000	ug/Kg	238.10	06/02/2000 16:16	
Chloroform	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Chloromethane	ND	2400	ug/Kg	238.10	06/02/2000 16:16	
Dibromochloromethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,2-Dichlorobenzene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,3-Dichlorobenzene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,4-Dichlorobenzene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,2-Dibromo-3-chloropropane	ND	12000	ug/Kg	238.10	06/02/2000 16:16	
1,2-Dibromoethane	ND	2400	ug/Kg	238.10	06/02/2000 16:16	
Dibromomethane	ND	2400	ug/Kg	238.10	06/02/2000 16:16	
Dichlorodifluoromethane	ND	2400	ug/Kg	238.10	06/02/2000 16:16	
1,1-Dichloroethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,2-Dichloroethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,1-Dichloroethene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
cis-1,2-Dichloroethene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
trans-1,2-Dichloroethene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,2-Dichloropropane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
cis-1,3-Dichloropropene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
trans-1,3-Dichloropropene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Ethylbenzene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
2-Hexanone	ND	12000	ug/Kg	238.10	06/02/2000 16:16	
Methylene chloride	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
4-Methyl-2-pentanone (MIBK)	ND	12000	ug/Kg	238.10	06/02/2000 16:16	
Naphthalene	ND	2400	ug/Kg	238.10	06/02/2000 16:16	
Styrene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-05-0557

To: **Harding Lawson Assoc -Oakland**

Test Method: 8260A

Attn.: James G McCarty

Prep Method: 5030

Volatile Organic Compounds

Sample ID: Sample #2	Lab Sample ID: 2000-05-0557-002
Project: 49600-5 9th & Broadway, Oakland	Received: 05/25/2000 17:08
Sampled: 05/25/2000 09:00	Extracted: 06/02/2000 16:16
Matrix: Soil	QC-Batch: 2000/06/02-02.39
Sample/Analysis Flag o (See Legend & Note section)	

Compound	Result	Rep.Limit	Units	Dilution	Analyzed	Flag
1,1,2,2-Tetrachloroethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Tetrachloroethene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Toluene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,1,1-Trichloroethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,1,2-Trichloroethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Trichloroethene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
1,1,1,2-Tetrachloroethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Vinyl acetate	ND	12000	ug/Kg	238.10	06/02/2000 16:16	
Vinyl chloride	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Total xylenes	ND	2400	ug/Kg	238.10	06/02/2000 16:16	
Trichlorotrifluoroethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Carbon disulfide	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Isopropylbenzene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Bromobenzene	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Bromochloromethane	ND	4800	ug/Kg	238.10	06/02/2000 16:16	
Trichlorofluoromethane	ND	1200	ug/Kg	238.10	06/02/2000 16:16	
Surrogate(s)						
4-Bromofluorobenzene	103.3	74-121	%	1.00	06/02/2000 16:16	
1,2-Dichloroethane-d4	101.9	70-121	%	1.00	06/02/2000 16:16	
Toluene-d8	106.9	81-117	%	1.00	06/02/2000 16:16	

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Submission #: 2000-05-0557

To: **Harding Lawson Assoc -Oakland**
Attn.: James G McCartyTest Method: 8260A
Prep Method: 5030**Batch QC Report**
Volatile Organic Compounds

Method Blank	Soil	QC Batch # 2000/06/02-02.39
MB: 2000/06/02-02.39-001		Date Extracted: 06/02/2000 15:36

Compound	Result	Rep.Limit	Units	Analyzed	Flag
Acetone	ND	125	ug/Kg	06/02/2000 15:36	
Benzene	ND	1.25	ug/Kg	06/02/2000 15:36	
Bromodichloromethane	ND	1.25	ug/Kg	06/02/2000 15:36	
Bromoform	ND	1.25	ug/Kg	06/02/2000 15:36	
Bromomethane	ND	2.5	ug/Kg	06/02/2000 15:36	
Carbon tetrachloride	ND	1.25	ug/Kg	06/02/2000 15:36	
Chlorobenzene	ND	1.25	ug/Kg	06/02/2000 15:36	
Chloroethane	ND	2.5	ug/Kg	06/02/2000 15:36	
2-Butanone(MEK)	ND	125	ug/Kg	06/02/2000 15:36	
2-Chloroethylvinyl ether	ND	1.25	ug/Kg	06/02/2000 15:36	
Chloroform	ND	1.25	ug/Kg	06/02/2000 15:36	
Chloromethane	ND	2.5	ug/Kg	06/02/2000 15:36	
Dibromochloromethane	ND	1.25	ug/Kg	06/02/2000 15:36	
1,2-Dichlorobenzene	ND	1.25	ug/Kg	06/02/2000 15:36	
1,3-Dichlorobenzene	ND	1.25	ug/Kg	06/02/2000 15:36	
1,4-Dichlorobenzene	ND	1.25	ug/Kg	06/02/2000 15:36	
1,2-Dibromo-3-chloropropane	ND	12.5	ug/Kg	06/02/2000 15:36	
1,2-Dibromoethane	ND	1.25	ug/Kg	06/02/2000 15:36	
Dibromomethane	ND	1.25	ug/Kg	06/02/2000 15:36	
Dichlorodifluoromethane	ND	1.25	ug/Kg	06/02/2000 15:36	
1,1-Dichloroethane	ND	1.25	ug/Kg	06/02/2000 15:36	
1,2-Dichloroethane	ND	1.25	ug/Kg	06/02/2000 15:36	
1,1-Dichloroethene	ND	1.25	ug/Kg	06/02/2000 15:36	
cis-1,2-Dichloroethene	ND	1.25	ug/Kg	06/02/2000 15:36	
trans-1,2-Dichloroethene	ND	1.25	ug/Kg	06/02/2000 15:36	
1,2-Dichloropropane	ND	1.25	ug/Kg	06/02/2000 15:36	
cis-1,3-Dichloropropene	ND	1.25	ug/Kg	06/02/2000 15:36	
trans-1,3-Dichloropropene	ND	1.25	ug/Kg	06/02/2000 15:36	
Ethylbenzene	ND	1.25	ug/Kg	06/02/2000 15:36	
2-Hexanone	ND	125	ug/Kg	06/02/2000 15:36	
Methylene chloride	ND	12.5	ug/Kg	06/02/2000 15:36	
4-Methyl-2-pentanone (MIBK)	ND	125	ug/Kg	06/02/2000 15:36	
Naphthalene	ND	2.5	ug/Kg	06/02/2000 15:36	
Styrene	ND	1.25	ug/Kg	06/02/2000 15:36	
1,1,2,2-Tetrachloroethane	ND	1.25	ug/Kg	06/02/2000 15:36	
Tetrachloroethene	ND	1.25	ug/Kg	06/02/2000 15:36	
Toluene	ND	1.25	ug/Kg	06/02/2000 15:36	
1,1,1-Trichloroethane	ND	1.25	ug/Kg	06/02/2000 15:36	
1,1,2-Trichloroethane	ND	1.25	ug/Kg	06/02/2000 15:36	
Trichloroethene	ND	1.25	ug/Kg	06/02/2000 15:36	

1220 Quarry Lane * Pleasanton, CA 94586-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-05-0557

To: **Harding Lawson Assoc -Oakland**

Test Method: 8260A

Attn.: James G McCarty

Prep Method: 5030

Batch QC Report
Volatile Organic Compounds

Method Blank	Soil	QC Batch # 2000/06/02-02.39
MB: 2000/06/02-02.39-001		Date Extracted: 06/02/2000 15:36

Compound	Result	Rep.Limit	Units	Analyzed	Flag
1,1,1,2-Tetrachloroethane	ND	1.25	ug/Kg	06/02/2000 15:36	
Vinyl acetate	ND	12.5	ug/Kg	06/02/2000 15:36	
Vinyl chloride	ND	1.25	ug/Kg	06/02/2000 15:36	
Total xylenes	ND	2.5	ug/Kg	06/02/2000 15:36	
Trichlorotrifluoroethane	ND	1.25	ug/Kg	06/02/2000 15:36	
Carbon disulfide	ND	2.5	ug/Kg	06/02/2000 15:36	
Isopropylbenzene	ND	1.25	ug/Kg	06/02/2000 15:36	
Bromobenzene	ND	1.25	ug/Kg	06/02/2000 15:36	
Bromochloromethane	ND	2.5	ug/Kg	06/02/2000 15:36	
Trichlorofluoromethane	ND	5.0	ug/Kg	06/02/2000 15:36	
Surrogate(s)					
4-Bromofluorobenzene	115.2	74-121	%	06/02/2000 15:36	
1,2-Dichloroethane-d4	105.2	70-121	%	06/02/2000 15:36	
Toluene-d8	95.8	81-117	%	06/02/2000 15:36	

1220 Quarry Lane * Pleasanton, CA 94566-4756

Telephone: (925) 484-1919 * Facsimile: (925) 484-1098

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-05-0557

To: **Harding Lawson Assoc -Oakland**
 Attn: **James G McCarty**

Test Method: **8260A**
 Prep Method: **5030**

Batch QC Report

Volatile Organic Compounds

Laboratory Control Spike (LCS/LCSD)		Soil		QC Batch # 2000/06/02-02.39	
LCS:	2000/06/02-02.39-002	Extracted:	06/02/2000 14:16	Analyzed	06/02/2000 14:16
LCSD:	2000/06/02-02.39-003	Extracted:	06/02/2000 15:01	Analyzed	06/02/2000 15:01

Compound	Conc. [ug/Kg]		Exp. Conc. [ug/Kg]		Recovery [%]		RPD [%]	Ctrl. Limits [%]		Flags	
	LCS	LCSD	LCS	LCSD	LCS	LCSD		Recovery	RPD	LCS	LCSD
Benzene	126	130	125	125	100.8	104.0	3.1	69-129	20		
Chlorobenzene	140	138	125	125	112.0	110.4	1.4	61-121	20		
1,1-Dichloroethene	137	138	125	125	109.8	110.4	0.7	65-125	20		
Toluene	123	133	125	125	98.4	108.4	7.8	70-130	20		
Trichloroethene	124	126	125	125	99.2	100.8	1.8	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	544	548	500	500	108.8	109.8		74-121			
1,2-Dichloroethane-d4	475	515	500	500	95.0	103.0		70-121			
Toluene-d8	452	465	500	500	90.4	93.0		81-117			

1220 Quarry Lane * Pleasanton, CA 94586-4758
 Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

Submission #: 2000-05-0557

To: **Harding Lawson Assoc -Oakland**
Attn: James G McCarty

Test Method: 8260A
Prep Method: 5030

Legend & Notes

Volatile Organic Compounds

Analysis Flags

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Reporting limits were raised due to high level of analyte present in the sample.

1220 Quarry Lane * Pleasanton, CA 94566-4756
Telephone: (925) 484-1919 * Facsimile: (925) 484-1096

Printed on: 06/05/2000 14:33

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