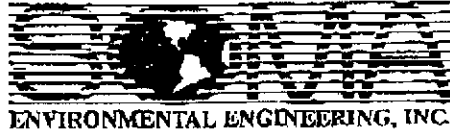


2/7/2000
Site SWA
collected



ENVIRONMENTAL ENGINEERING, INC.

2680 Bishop Drive, Suite 203
San Ramon, California 94583
TEL (925) 244-6600
FAX (925) 244-6601

FAX TRANSMITTAL

DATE: 2-1-00 FAX # 510-337-9335

TO: Susan Hugo

COMPANY: _____

FROM: Mansour

SUBJECT: _____

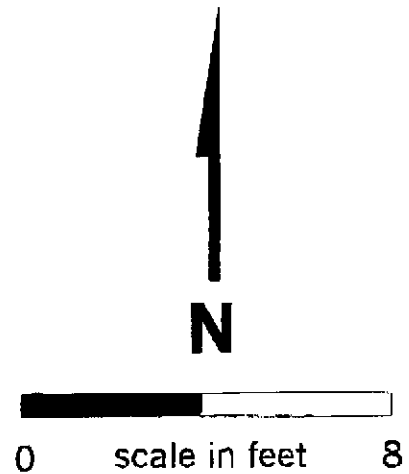
NUMBER OF PAGES INCLUDING COVER: 14

MESSAGE: Please review + give me a call.
NEW 5' NEW 7' -> collected 11/23/99 under vent the cistern
Thanks

Cistern wall / Sand / concrete -> collected 12/3/99
SB 1-9 -> reference relative to site parcel 400 Erving Station
also locate area where storm was found
↳ collected @ 2' & 4' when?
I thought deeper samples where to be collected
-> identify seasonal low/high water table?
-> analytical for SB 1-9

SB1-2' (6.0) + (Concrete at depth of 2.2')	SB2-2' (18) + SB2-4' (29)	SB3-2' (3.0) + (Concrete at depth of 2.2')
SB4-2' (60) + SB4-4' (38)	SB5-2' (24) + SB5-4' (0.60)	SB6-2' (2.7) + (Concrete at depth of 2.2')
SB7-2' (0.10) + SB7-4' (8.0)	SB8-2' (2.6) + SB8-4' (2.2)	SB9-2' (0.25) + (Concrete at depth of 2.2')

+ Sample location
(ppm of PCB as 1260)



Cistern Detail



WATER • WASTE WATER • HAZARDOUS WASTE • FUEL • AIR • SOIL

ENVIRONMENTAL LABORATORIES, Ltd

Client:
Soma
Environmental Engineering
2680 Bishop Dr. Suite # 203
San Ramon, CA 94583

Client Project ID:
2174
Emeryville
C.B.S.

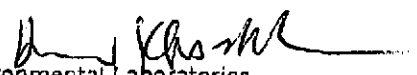
Ref.: R4603pcbs
Method: 8080
Sampled: 12/3/99
Received: 12/3/99
Matrix: Soil
Analyzed: 12/9,10/99
Reported: 12/13/99
Units: mg/kg

Attention : Naser Pakrov

Analytical Results for PCBs				
Analyte	Detection Limit mg/kg	Results		
		Sample ID		
		Cister Walls	Cister Sand	Cister Concrete
PCBs				
PCB 1016	0.02	ND	ND	ND
PCB 1221	0.08	ND	ND	ND
PCB 1232	0.02	ND	ND	ND
PCB 1242	0.02	ND	ND	ND
PCB 1248	0.02	ND	ND	ND
PCB 1254	0.02	ND	ND	ND
PCB 1260	0.02	715	1.06	0.10

ND:Not Detected(<MDL)

Note: Samples were diluted 160 times


Delta Environmental Laboratories
Hossein Khosh Khoo, Ph.D.



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ENVIRONMENTAL LABORATORIES, Ltd

Client:
 Soma
 2680 Bishop Dr., Ste 203
 San Ramon, CA 94583

Client Project ID:
 CBS 2174

Ref: R4674300s
Method: 7000/6010
Sampled: 11/23/99
Received: 11/23/99
Analyzed: 11/24, 26/99
Reported: 11/26/99
Analyst: AD
Matrix: Solid
Units: mg/kg

Attention : Dr. M. Sapehr

Analytical Results for TTLC Analysis
 Digestion :EPA 3050

Analyte	TTLC Max. Limit (mg/kg)	Detection Limit (mg/kg)	Results	
			Sample ID	
			CBS NEW 5'	CBS NEW 7'
Silver	500	1.0	ND	ND
Arsenic	500	5.0	ND	ND
Barium	10,000	1.0	120	110
Beryllium	75	1.0	ND	ND
Cadmium	100	1.0	ND	1.1
Cobalt	8,000	1.0	8.4	8.6
Chromium (III)	2,500	1.0	38	36
Copper	2,500	1.0	53	120
Mercury	20	0.06	0.09	0.08
Molybdenum	3,500	1.0	ND	ND
Nickel	2,000	2.0	26	29
Lead	1,000	5.0	62	39
Antimony	500	5.0	ND	ND
Selenium	100	5.0	ND	ND
Thallium	700	5.0	ND	ND
Vanadium	2,400	1.0	38	39
Zinc	5,000	1.0	100	120

ND: Not Detected

H.Khosh Khoo, PhD.,
 Laboratory Director/President

Delta#1/general/RTMP_17_300s



WATER • WASTE WATER • HAZARDOUS WASTE • FUEL • AIR • SOIL

ENVIRONMENTAL LABORATORIES, Ltd

Client:
 Soma
 2680 Bishop Dr., Ste 203
 San Ramon, CA 94583

Client Project ID:
 CBS 2174

Ref. R4674100
 Method: 8260/8240
 Sampled: 11/23/99
 Received: 11/23/99
 Matrix Solid
 Analyzed: 11/26,27/99
 Reported: 11/29/99
 Analyst: DS
 Unit mg/kg

Attention: Dr. M. Sepehr

48h

Purgeable Hydrocarbons

EPA 8260

VOC

Analyte	Detection Limit mg/kg	Results	
		Sample ID	
		CBS NEW 5'	CBS NEW 7'
Benzene	0.25	ND	ND
Bromobenzene	0.25	ND	ND
Bromochloromethane	0.25	ND	ND
Bromodichloromethane	0.50	ND	ND
Bromoform	0.25	ND	ND
Bromomethane	0.50	ND	ND
n-Butylbenzene	0.25	ND	ND
sec-Butylbenzene	0.25	ND	ND
tert-Butylbenzene	0.25	ND	ND
Carbon Tetrachloride	0.25	ND	ND
Chlorobenzene	0.25	2.8	3.6
Chloroethane	0.50	ND	ND
Chloroform	0.25	ND	ND
Chloromethane	0.50	ND	ND
2-Chlorotoluene	0.25	ND	ND
4-Chlorotoluene	0.25	ND	ND
Dibromochloromethane	0.25	ND	ND
1,2-Dibromo-3-chloropropane	1.0	ND	ND
1,2-Dibromoethane	0.25	ND	ND
Dibromomethane	0.25	ND	ND
1,2-Dichlorobenzene	0.25	ND	ND
1,3-Dichlorobenzene	0.25	ND	ND
1,4-Dichlorobenzene	0.25	0.33	0.89
dichlorodifluoromethane	0.50	ND	ND
1,1-Dichloroethane	0.25	ND	ND
1,2-Dichloroethane	0.25	ND	ND
1,1-Dichloroethene	0.25	ND	ND
cis-1,2-Dichloroethene	0.25	ND	ND
trans-1,2-Dichloroethene	0.25	ND	ND
1,2-Dichloropropane	0.25	ND	ND
1,3-Dichloropropane	0.25	ND	ND



WATER - WASTE WATER - HAZARDOUS WASTE - FUEL - AIR - SOIL

ENVIRONMENTAL LABORATORIES, Ltd

Client:
 Soma
 2680 Bishop Dr., Ste 203
 San Ramon, CA 94583

Client Project ID:
 CBS 2174

Ref: R4574100
Method: 8260/8240
Sampled: 11/23/99
Received: 11/23/99
Matrix: Solid
Analyzed: 11/26,27/99
Reported: 11/29/99
Analyst: DS
Unit: mg/kg

Attention: Dr. M. Sepehr

48h

Purgeable Hydrocarbons

EPA 8260

VOC

Analyte	Detection Limit mg/kg	Results	
		Sample ID	
		CBS NEW 5'	CBS NEW 7'
2,2-Dichloropropane	0.25	ND	ND
1,1-Dichloropropane	0.25	ND	ND
Ethylbenzene	0.25	ND	ND
Hexachlorobutadiene	0.25	ND	ND
Isopropylbenzene	0.25	ND	ND
p-Isopropyltoluene	0.25	ND	ND
Methylene Chloride	1.0	ND	ND
Naphthalene	0.25	ND	ND
n-Propylbenzene	0.25	ND	ND
Styrene	0.25	ND	ND
1,1,1,2-Tetrachloroethane	0.25	ND	ND
1,1,2,2-Tetrachloroethane	0.25	ND	ND
Tetrachloroethene	0.25	ND	ND
Toluene	0.25	ND	ND
1,2,3-Trichlorobenzene	0.25	ND	ND
1,2,4-Trichlorobenzene	0.25	ND	ND
1,1,1-Trichloroethane	0.25	ND	ND
1,1,2-Trichloroethane	0.25	ND	ND
Trichloroethene	0.25	ND	ND
Trichlorofluoromethane	0.25	ND	ND
1,2,3-Trichloropropane	0.25	ND	ND
1,2,4-Trimethylbenzene	0.25	ND	ND
1,3,5-Trimethylbenzene	0.25	ND	ND
Vinyl Chloride	0.50	ND	ND
Xylenes, Total	0.50	ND	ND
Acetone	5.0	ND	ND
2-Butanone	5.0	ND	ND
Carbon Disulfide	0.50	ND	ND
cis-1,3-Dichloropropene	0.25	ND	ND
trans-1,3-Dichloropropene	0.25	ND	ND

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ENVIRONMENTAL LABORATORIES, Ltd

Client:
Soma
2680 Bishop Dr., Ste 203
San Ramon, CA 94583

Client Project ID:
CBS 2174

Ref. R4574100
Method: 8260/8240
Sampled: 11/23/99
Received: 11/23/99
Matrix: Solid
Analyzed: 11/28,27/99
Reported: 11/29/99
Analyte: DS
Unit: mg/kg

Attention: Dr. M. Sepehr

48h

Purgeable Hydrocarbons

EPA 8260
VOC

Analyte	Detection Limit mg/kg	Results	
		Sample ID	
		CBS	CBS
2-Hexanone	2.5	NEW 6'	NEW 7'
4-Methyl-2-pentanone	2.5	ND	ND
Vinyl Acetate	2.5	ND	ND
2-Chloroethyl Vinyl Ether	0.5	ND	ND

ND: Not Detected

DELTA Environmental Laboratories
California Certification #1857


H. Khosh Khoo, PhD.,
Laboratory Director/President



ENVIRONMENTAL LABORATORIES, Ltd

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Client:

Soma
 2880 Bishop Dr., Ste 203
 San Ramon, CA 94583

Client Project ID:
 CBS 2174

Ref. R4574200
 CL1084

Method: 8270
Sampled 11/23/99
Receive 11/23/99
Matrix: soil
Analyze 11/24-29/99
Report 11/29/99
Units: mg/kg

Attention : Dr. M. Sapehr

Semi-volatile Organics
 EPA 8270

Analyte	Detection Limit (mg/kg)	Results	
		Sample ID	
		C-B-S/New 5'	C-B-S/New 7'
2-Chlorophenol	0.10	ND	ND
2,4-Dichlorophenol	0.50	ND	ND
2,4-Dimethylphenol	0.10	ND	ND
4,6-Dinitro-2-methylphenol	0.50	ND	ND
2,4-Dinitrophenol	0.10	ND	ND
2-Methylphenol	0.10	ND	ND
4-Methylphenol	0.20	ND	ND
2-Nitrophenol	0.10	ND	ND
4-Nitrophenol	0.50	ND	ND
Pentachlorophenol	0.50	ND	ND
Phenol	0.10	ND	ND
2,4,5-Trichlorophenol	0.10	ND	ND
2,4,6-Trichlorophenol	0.10	ND	ND

ND: Not Detected

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 California Certification #1857

H. Khosro Khoo
 H. Khosro Khoo, PhD.,
 Laboratory Director/President

Rtmp_8270c1p

WATER • WASTE WATER • HAZARDOUS WASTE • FUEL • AIR • SOIL



Client:

Soma
 2680 Bishop Dr., Ste 203
 San Ramon, CA 94583

Client Project ID:
 CBS 2174

Ref. R4574200
 CL1094

Method: 8270
Sampled 11/23/99
Receive 11/23/99
Matrix: soil
Analyze 11/24-29/99
Reporte 11/29/99
Units: mg/kg

Attention : Dr. M. Sepehr

Semi-volatile Organics
 EPA 8270

Analyte	Detection Limit (mg/kg)	Results	
		Sample ID	
		C-B-6/New 5'	C-B-8/New 7'
2,4-Dinitrotoluene	0.10	ND	ND
2,6-Dinitrotoluene	0.20	ND	ND
Di-n-octyl Phthalate	0.50	ND	ND
Fluoranthene	0.10	ND	ND
Fluorene	0.10	ND	ND
Hexachlorobenzene	0.10	ND	ND
Hexachlorobutadiene	0.10	ND	ND
Hexachlorocyclopentadiene	0.10	ND	ND
Hexachloroethene	0.10	ND	ND
Indeno (1.2.3-cd) pyrene	0.20	ND	ND
Isophorone	0.10	ND	ND
2-Methylnaphthalene	0.10	ND	ND
Naphthalene	0.10	ND	ND
2-Nitroaniline	0.50	ND	ND
3-Nitroaniline	0.10	ND	ND
4-Nitroaniline	0.50	ND	ND
Nitrobenzene	0.10	ND	ND
N-Nitrosodiphenylamine	0.10	ND	ND
N-Nitrosodi-n-propylamine	0.10	ND	ND
Phenanthrene	0.10	ND	ND
Pyrene	0.10	ND	ND
1,2,4-Trichlorobenzene	0.10	ND	ND
4-Chloro-3-methylphenol	0.20	ND	ND
Benzo(a)anthracene	0.10	ND	ND



ENVIRONMENTAL LABORATORIES, Ltd

WATER - WASTE WATER - HAZARDOUS WASTE - FUEL - AIR - SOIL

Client:
 Soma
 2680 Bishop Dr., Ste 203
 San Ramon, CA 94583

Client Project ID:
 CB8 2174

Ref. R4574200
 CL1094
Method: 8270
Sampled 11/23/98
Receive 11/23/98
Matrix: soil
Analyze 11/24-29/98
Reporte 11/29/98
Units: mg/kg

Attention : Dr. M. Sepehr

Semi-volatile Organics
 EPA 8270

Analyte	Detection Limit (mg/kg)	Results	
		Sample ID	
		C-B-S/New 5'	C-B-S/New 7'
Acenaphthene	0.10	ND	ND
Acenaphthylene	0.10	ND	ND
Anthracene	0.10	ND	ND
Benzidine	0.10	ND	ND
Benzoic Acid	0.50	ND	ND
Benzo (a) anthracene	0.10	ND	ND
Benzo (b) fluoranthene	0.10	ND	ND
Benzo (k) fluoranthene	0.20	ND	ND
Benzo (g,h,i) perylene	0.20	ND	ND
Benzo (a) pyrene	0.02	ND	ND
Benzyl Alcohol	0.20	ND	ND
Bis (2-chloroethoxy) methane	0.10	ND	ND
Bis (2-chloroethyl) Ether	0.10	ND	ND
Bis (2-Chloroisopropyl) Ether	0.10	ND	ND
Bis (2-ethylhexyl) Phthalate	0.50	ND	ND
4-Bromophenyl Phenyl Ether	0.10	ND	ND
Butylbenzyl Phthalate	0.50	ND	ND
4-Chloroaniline	0.20	ND	ND
2-Chloronaphthalene	0.10	ND	ND
4-Chlorophenyl Phenyl Ether	0.10	ND	ND
Chrysene	0.10	ND	ND
Dibenzo (a,h) anthracene	0.20	ND	ND
Dibenzofuran	0.10	ND	ND
Di-n-butyl Phthalate	2.00	ND	ND
1,2-Dichlorobenzene	0.10	ND	ND
1,3-Dichlorobenzene	0.10	ND	ND
1,4-Dichlorobenzene	0.10	ND	ND
3,3'-Dichlorobenzidine	0.20	ND	ND
Diethyl Phthalate	0.50	ND	ND
Dimethyl Phthalate	0.50	ND	ND

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ENVIRONMENTAL LABORATORIES, Ltd

Client:
Soma
2680 Bishop Dr., Ste 203
San Ramon, CA 94583

Client Project ID:
CBS 2174

Ref. R4574100
Method: 8260/8240
Sampled: 11/23/99
Received: 11/23/99
Matrix: Solid
Analyzed: 11/26, 27/99
Reported: 11/29/99
Analyst: DS
Unit: mg/kg

Attention: Dr. M. Sepehr

48h

Purgeable Hydrocarbons

EPA 8260
VOC

Analyte	Detection Limit mg/kg	Results	
		Sample ID	
		CBS	CBS
		NEW 5'	NEW 7'
2-Hexanone	2.5	ND	ND
4-Methyl-2-pentanone	2.5	ND	ND
Vinyl Acetate	2.5	ND	ND
2-Chloroethyl Vinyl Ether	0.5	ND	ND

ND: Not Detected

DELTA Environmental Laboratories
California Certification #1857


H. Khosh Khoo, PhD.,
Laboratory Director/President

DELTA

ENVIRONMENTAL LABORATORIES, Ltd

WATER • WASTE WATER • HAZARDOUS WASTE • FUEL • AIR • SOIL

Client:
 Soma
 2660 Bishop Dr., Ste 203
 San Ramon, CA 94583

Client Project ID:
 CBS 2174

Ref. R4574100
Method: 8260/8240
Sampled: 11/23/99
Received: 11/23/99
Matrix: Solid
Analyzed: 11/26,27/99
Reported: 11/29/99
Analyst: DS
Unit: mg/kg

Attention: Dr. M. Sepehr

49h

Purgeable Hydrocarbons

EPA 8260
 VOC

Analyte	Detection Limit mg/kg	Results	
		Sample ID	
		CBS NEW 5'	CBS NEW 7'
2,2-Dichloropropane	0.25	ND	ND
1,1-Dichloropropane	0.25	ND	ND
Ethylbenzene	0.25	ND	ND
Hexachlorobutadiene	0.25	ND	ND
Isopropylbenzene	0.25	ND	ND
p-Isopropyltoluene	0.25	ND	ND
Methylene Chloride	1.0	ND	ND
Naphthalene	0.25	ND	ND
n-Propylbenzene	0.25	ND	ND
Styrene	0.25	ND	ND
1,1,1,2-Tetrachloroethane	0.25	ND	ND
1,1,2,2-Tetrachloroethane	0.25	ND	ND
Tetrachloroethane	0.25	ND	ND
Toluene	0.25	ND	ND
1,2,3-Trichlorobenzene	0.25	ND	ND
1,2,4-Trichlorobenzene	0.25	ND	ND
1,1,1-Trichloroethane	0.25	ND	ND
1,1,2-Trichloroethane	0.25	ND	ND
Trichloroethene	0.25	ND	ND
Trichlorofluoromethane	0.25	ND	ND
1,2,3-Trichloropropene	0.25	ND	ND
1,2,4-Trimethylbenzene	0.25	ND	ND
1,3,5-Trimethylbenzene	0.25	ND	ND
Vinyl Chloride	0.50	ND	ND
Xylenes, Total	0.50	ND	ND
Acetone	5.0	ND	ND
2-Butenone	5.0	ND	ND
Carbon Disulfide	0.50	ND	ND
cis-1,3-Dichloropropene	0.25	ND	ND
trans-1,3-Dichloropropene	0.25	ND	ND



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ENVIRONMENTAL LABORATORIES, Ltd

Client:
Soma
2680 Bishop Dr., Ste 208
San Ramon, CA 94583

Client Project ID:
CBS 2174


Ref.: R4574pcb
Method: 8080
Sampled: 11/23/98
Received: 11/23/99
Matrix: Soil
Analyzed: 11/24-26/99
Reported: 11/29/99
Units: mg/kg

Attention : Dr. M. Sepehr

Analytical Results for PCBs			
Analyte	Detection Limit mg/kg	Results	
		Sample ID	
		CBS	CBS
		NEW 5'	NEW 7'
PCBs			
PCB 1016	0.02	ND	ND
PCB 1221	0.08	ND	ND
PCB 1232	0.02	ND	ND
PCB 1242	0.02	ND	ND
PCB 1248	0.02	ND	ND
PCB 1254	0.02	ND	ND
PCB 1260	0.02	32.8	71.5

ND: Not Detected (<MDL)

Note: Samples were diluted 180 times


Delta Environmental Laboratories
Hosein Khosh Khoo, Ph.D.