

Lowney & Associates Oakland

May 19, 2004

167 Filbert Street
Oakland, CA 94607

Attn.: Tom McCloskey

Project#: 1989-1B

Project: Fande Ranch

Attached is our report for your samples received on 05/11/2004 16:45

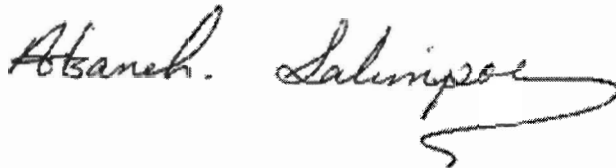
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 06/25/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Organochlorine Pesticides Analysis

Lowney & Associates Oakland

Attn.: Tom McCloskey

167 Filbert Street
Oakland, CA 94607

Phone: (510) 267-1970 Fax: (510) 267-1972

Project: 1989-1B
Fande Ranch

Received: 05/11/2004 16:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-40	05/10/2004	Soil	1
AG-41	05/10/2004	Soil	2
AG-42	05/10/2004	Soil	3
AG-43	05/10/2004	Soil	4
AG-44	05/10/2004	Soil	5
AG-45	05/10/2004	Soil	6
AG-46	05/10/2004	Soil	7
AG-47B	05/11/2004	Soil	9
AG-48	05/10/2004	Soil	10
AG-49	05/10/2004	Soil	11
AG-50	05/10/2004	Soil	12
AG-51	05/10/2004	Soil	13
AG-52	05/10/2004	Soil	14
AG-53	05/10/2004	Soil	15
AG-54	05/10/2004	Soil	16
AG-55	05/10/2004	Soil	17
AG-56	05/10/2004	Soil	18
AG-57	05/10/2004	Soil	19
AG-58	05/10/2004	Soil	20
AG-59	05/10/2004	Soil	21
AG-60	05/10/2004	Soil	22
AG-61	05/10/2004	Soil	23
AG-62	05/10/2004	Soil	24
AG-63	05/10/2004	Soil	25
AG-64	05/10/2004	Soil	26
AG-66	05/10/2004	Soil	28
AG-67	05/10/2004	Soil	29
AG-68	05/10/2004	Soil	30
AG-69	05/10/2004	Soil	31
AG-70	05/11/2004	Soil	32
AG-72	05/11/2004	Soil	33
AG-73	05/11/2004	Soil	34
AG-74	05/11/2004	Soil	35

Organochlorine Pesticides Analysis

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Fande Ranch

Received: 05/11/2004 16:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-75	05/11/2004	Soil	36
AG-76	05/11/2004	Soil	37
AG-77	05/11/2004	Soil	38
AG-78	05/11/2004	Soil	39
AG-79	05/11/2004	Soil	40
AG-82	05/11/2004	Soil	43
AG-83	05/11/2004	Soil	44
AG-84	05/11/2004	Soil	45
AG-85	05/11/2004	Soil	46
AG-86	05/11/2004	Soil	47
AG-87	05/11/2004	Soil	48
AG-89	05/11/2004	Soil	50
AG-90	05/11/2004	Soil	51
AG-91	05/11/2004	Soil	52
AG-92	05/11/2004	Soil	53
AG-93	05/11/2004	Soil	54
AG-81B	05/11/2004	Soil	55
AG-71	05/10/2004	Soil	56

Organochlorine Pesticides Analysis

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Project: 1989-1B

Fande Ranch

Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-40	Lab ID: 2004-05-0366 - 1
Sampled: 05/10/2004	Extracted: 5/14/2004 08:26
Matrix: Soil	QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Dieldrin	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Endrin	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 11:03	
4,4`-DDT	27	10	ug/Kg	5.00	05/16/2004 11:03	
4,4`-DDE	95	10	ug/Kg	5.00	05/16/2004 11:03	
4,4`-DDD	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 11:03	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 11:03	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 11:03	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 11:03	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 11:03	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Toxaphene	ND	180	ug/Kg	5.00	05/16/2004 11:03	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 11:03	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 11:03	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 11:03	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	102.0	50-125	%	5.00	05/16/2004 11:03	
Decachlorobiphenyl (Pest/8081)	111.9	46-142	%	5.00	05/16/2004 11:03	

Organochlorine Pesticides Analysis

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Fande Ranch

Received: 05/11/2004 16:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-41	Lab ID:	2004-05-0366 - 2
Sampled:	05/10/2004	Extracted:	5/14/2004 08:26
Matrix:	Soil	QC Batch#:	2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Dieldrin	2.8	2.0	ug/Kg	1.00	05/16/2004 11:34	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
4,4`-DDT	12	2.0	ug/Kg	1.00	05/16/2004 11:34	
4,4`-DDE	52	2.0	ug/Kg	1.00	05/16/2004 11:34	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Endosulfan sulfate	5.0	2.0	ug/Kg	1.00	05/16/2004 11:34	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Toxaphene	ND	35	ug/Kg	1.00	05/16/2004 11:34	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 11:34	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 11:34	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.7	50-125	%	1.00	05/16/2004 11:34	
Decachlorobiphenyl (Pest/8081)	98.4	46-142	%	1.00	05/16/2004 11:34	

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Fande Ranch

Received: 05/11/2004 16:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-42	Lab ID:	2004-05-0366 - 3
Sampled:	05/10/2004	Extracted:	5/14/2004 08:26
Matrix:	Soil	QC Batch#:	2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Dieldrin	10	10	ug/Kg	5.00	05/16/2004 12:05	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Endrin	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 12:05	
4,4'-DDT	33	10	ug/Kg	5.00	05/16/2004 12:05	
4,4'-DDE	120	10	ug/Kg	5.00	05/16/2004 12:05	
4,4'-DDD	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 12:05	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 12:05	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 12:05	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 12:05	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 12:05	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Toxaphene	ND	180	ug/Kg	5.00	05/16/2004 12:05	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 12:05	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 12:05	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 12:05	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	110.7	50-125	%	5.00	05/16/2004 12:05	
Decachlorobiphenyl (Pest/8081)	115.7	46-142	%	5.00	05/16/2004 12:05	

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Fande Ranch

Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-43	Lab ID: 2004-05-0366 - 4
Sampled: 05/10/2004	Extracted: 5/14/2004 08:26
Matrix: Soil	QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Dieldrin	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Endrin	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 18:35	
4,4`-DDT	24	10	ug/Kg	5.00	05/16/2004 18:35	
4,4`-DDE	110	10	ug/Kg	5.00	05/16/2004 18:35	
4,4`-DDD	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 18:35	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 18:35	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 18:35	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 18:35	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 18:35	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Toxaphene	350	180	ug/Kg	5.00	05/16/2004 18:35	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 18:35	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 18:35	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 18:35	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	100.2	50-125	%	5.00	05/16/2004 18:35	
Decachlorobiphenyl (Pest/8081)	107.2	46-142	%	5.00	05/16/2004 18:35	

Organochlorine Pesticides Analysis

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Fande Ranch

Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-44	Lab ID: 2004-05-0366 - 5
Sampled: 05/10/2004	Extracted: 5/14/2004 08:26
Matrix: Soil	QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Dieldrin	11	10	ug/Kg	5.00	05/16/2004 19:04	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Endrin	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 19:04	
4,4'-DDT	55	10	ug/Kg	5.00	05/16/2004 19:04	
4,4'-DDE	240	10	ug/Kg	5.00	05/16/2004 19:04	
4,4'-DDD	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 19:04	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 19:04	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 19:04	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 19:04	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 19:04	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Toxaphene	630	180	ug/Kg	5.00	05/16/2004 19:04	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 19:04	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 19:04	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 19:04	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	93.7	50-125	%	5.00	05/16/2004 19:04	
Decachlorobiphenyl (Pest/8081)	102.8	46-142	%	5.00	05/16/2004 19:04	

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Fande Ranch

Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-45	Lab ID: 2004-05-0366 - 6
Sampled: 05/10/2004	Extracted: 5/14/2004 08:26
Matrix: Soil	QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Dieldrin	3.1	2.0	ug/Kg	1.00	05/16/2004 19:33	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
4,4`-DDT	14	2.0	ug/Kg	1.00	05/16/2004 19:33	
4,4`-DDE	50	2.0	ug/Kg	1.00	05/16/2004 19:33	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Endosulfan sulfate	2.6	2.0	ug/Kg	1.00	05/16/2004 19:33	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Toxaphene	170	35	ug/Kg	1.00	05/16/2004 19:33	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 19:33	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 19:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.7	50-125	%	1.00	05/16/2004 19:33	
Decachlorobiphenyl (Pest/8081)	94.6	46-142	%	1.00	05/16/2004 19:33	

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Fande Ranch

Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-46	Lab ID: 2004-05-0366 - 7
Sampled: 05/10/2004	Extracted: 5/14/2004 08:26
Matrix: Soil	QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Dieldrin	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Endrin	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 20:02	
4,4`-DDT	21	10	ug/Kg	5.00	05/16/2004 20:02	
4,4`-DDE	100	10	ug/Kg	5.00	05/16/2004 20:02	
4,4`-DDD	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 20:02	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 20:02	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 20:02	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 20:02	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 20:02	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Toxaphene	370	180	ug/Kg	5.00	05/16/2004 20:02	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 20:02	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 20:02	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 20:02	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.5	50-125	%	5.00	05/16/2004 20:02	
Decachlorobiphenyl (Pest/8081)	109.0	46-142	%	5.00	05/16/2004 20:02	

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Fande Ranch

Received: 05/11/2004 16:45

Prep(s): 3550/8081

Test(s): 8081

 Sample ID: **AG-47B**

Lab ID: 2004-05-0366 - 9

Sampled: 05/11/2004

Extracted: 5/14/2004 08:26

Matrix: Soil

QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Dieldrin	4.6	2.0	ug/Kg	1.00	05/17/2004 11:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Endrin	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Heptachlor	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
4,4'-DDT	6.4	2.0	ug/Kg	1.00	05/17/2004 11:47	
4,4'-DDE	20	2.0	ug/Kg	1.00	05/17/2004 11:47	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
beta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
delta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Endosulfan sulfate	2.4	2.0	ug/Kg	1.00	05/17/2004 11:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Toxaphene	160	35	ug/Kg	1.00	05/17/2004 11:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/17/2004 11:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 11:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.7	50-125	%	1.00	05/17/2004 11:47	
Decachlorobiphenyl (Pest/8081)	89.3	46-142	%	1.00	05/17/2004 11:47	

Organochlorine Pesticides Analysis

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Fande Ranch

Received: 05/11/2004 16:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-48	Lab ID:	2004-05-0366 - 10
Sampled:	05/10/2004	Extracted:	5/14/2004 08:26
Matrix:	Soil	QC Batch#:	2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Dieldrin	3.6	2.0	ug/Kg	1.00	05/15/2004 22:15	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Endrin	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Heptachlor	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
4,4'-DDT	2.4	2.0	ug/Kg	1.00	05/15/2004 22:15	
4,4'-DDE	5.7	2.0	ug/Kg	1.00	05/15/2004 22:15	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
beta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
delta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Endosulfan sulfate	3.0	2.0	ug/Kg	1.00	05/15/2004 22:15	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Toxaphene	93	35	ug/Kg	1.00	05/15/2004 22:15	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/15/2004 22:15	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 22:15	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.8	50-125	%	1.00	05/15/2004 22:15	
Decachlorobiphenyl (Pest/8081)	77.5	46-142	%	1.00	05/15/2004 22:15	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-49	Lab ID: 2004-05-0366 - 11
Sampled: 05/10/2004	Extracted: 5/14/2004 08:26
Matrix: Soil	QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Dieldrin	3.3	2.0	ug/Kg	1.00	05/15/2004 22:40	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Endrin	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Heptachlor	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
4,4'-DDT	2.2	2.0	ug/Kg	1.00	05/15/2004 22:40	
4,4'-DDE	3.5	2.0	ug/Kg	1.00	05/15/2004 22:40	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
beta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
delta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Toxaphene	60	35	ug/Kg	1.00	05/15/2004 22:40	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/15/2004 22:40	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 22:40	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	94.4	50-125	%	1.00	05/15/2004 22:40	
Decachlorobiphenyl (Pest/8081)	93.4	46-142	%	1.00	05/15/2004 22:40	

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Received: 05/11/2004 16:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-50	Lab ID:	2004-05-0366 - 12
Sampled:	05/10/2004	Extracted:	5/14/2004 08:26
Matrix:	Soil	QC Batch#:	2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Dieldrin	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Endrin	2.1	2.0	ug/Kg	1.00	05/15/2004 23:04	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Heptachlor	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
4,4`-DDT	6.7	2.0	ug/Kg	1.00	05/15/2004 23:04	
4,4`-DDE	29	2.0	ug/Kg	1.00	05/15/2004 23:04	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
beta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
delta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Endosulfan sulfate	4.5	2.0	ug/Kg	1.00	05/15/2004 23:04	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Toxaphene	99	35	ug/Kg	1.00	05/15/2004 23:04	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/15/2004 23:04	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 23:04	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.5	50-125	%	1.00	05/15/2004 23:04	
Decachlorobiphenyl (Pest/8081)	91.7	46-142	%	1.00	05/15/2004 23:04	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081

Test(s): 8081

 Sample ID: **AG-51**

Lab ID: 2004-05-0366 - 13

Sampled: 05/10/2004

Extracted: 5/14/2004 08:26

Matrix: Soil

QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Dieldrin	3.9	2.0	ug/Kg	1.00	05/15/2004 23:29	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Endrin	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Heptachlor	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
4,4'-DDT	5.0	2.0	ug/Kg	1.00	05/15/2004 23:29	
4,4'-DDE	17	2.0	ug/Kg	1.00	05/15/2004 23:29	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
beta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
delta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Endosulfan sulfate	3.5	2.0	ug/Kg	1.00	05/15/2004 23:29	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Toxaphene	82	35	ug/Kg	1.00	05/15/2004 23:29	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/15/2004 23:29	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 23:29	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	94.6	50-125	%	1.00	05/15/2004 23:29	
Decachlorobiphenyl (Pest/8081)	96.0	46-142	%	1.00	05/15/2004 23:29	

Organochlorine Pesticides Analysis

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Received: 05/11/2004 16:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-52	Lab ID:	2004-05-0366 - 14
Sampled:	05/10/2004	Extracted:	5/14/2004 08:26
Matrix:	Soil	QC Batch#:	2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Dieldrin	4.7	2.0	ug/Kg	1.00	05/15/2004 23:54	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Endrin	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Heptachlor	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
4,4'-DDT	4.4	2.0	ug/Kg	1.00	05/15/2004 23:54	
4,4'-DDE	9.7	2.0	ug/Kg	1.00	05/15/2004 23:54	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
beta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
delta-BHC	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Endosulfan sulfate	4.7	2.0	ug/Kg	1.00	05/15/2004 23:54	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Toxaphene	67	35	ug/Kg	1.00	05/15/2004 23:54	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/15/2004 23:54	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/15/2004 23:54	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	94.3	50-125	%	1.00	05/15/2004 23:54	
Decachlorobiphenyl (Pest/8081)	96.4	46-142	%	1.00	05/15/2004 23:54	

Organochlorine Pesticides Analysis

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-53	Lab ID:	2004-05-0366 - 15
Sampled:	05/10/2004	Extracted:	5/14/2004 08:26
Matrix:	Soil	QC Batch#:	2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Dieldrin	2.6	2.0	ug/Kg	1.00	05/16/2004 00:18	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
4,4'-DDT	13	2.0	ug/Kg	1.00	05/16/2004 00:18	
4,4'-DDE	12	2.0	ug/Kg	1.00	05/16/2004 00:18	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Endosulfan sulfate	4.8	2.0	ug/Kg	1.00	05/16/2004 00:18	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Toxaphene	100	35	ug/Kg	1.00	05/16/2004 00:18	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 00:18	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 00:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.6	50-125	%	1.00	05/16/2004 00:18	
Decachlorobiphenyl (Pest/8081)	92.1	46-142	%	1.00	05/16/2004 00:18	

Organochlorine Pesticides Analysis

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Received: 05/11/2004 16:45

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-54	Lab ID:	2004-05-0366 - 16
Sampled:	05/10/2004	Extracted:	5/14/2004 08:26
Matrix:	Soil	QC Batch#:	2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Dieldrin	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Endrin	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 21:00	
4,4'-DDT	61	10	ug/Kg	5.00	05/16/2004 21:00	
4,4'-DDE	160	10	ug/Kg	5.00	05/16/2004 21:00	
4,4'-DDD	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 21:00	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 21:00	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 21:00	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 21:00	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 21:00	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Toxaphene	590	180	ug/Kg	5.00	05/16/2004 21:00	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 21:00	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 21:00	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 21:00	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	98.3	50-125	%	5.00	05/16/2004 21:00	
Decachlorobiphenyl (Pest/8081)	101.9	46-142	%	5.00	05/16/2004 21:00	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-55	Lab ID: 2004-05-0366 - 17
Sampled: 05/10/2004	Extracted: 5/14/2004 08:26
Matrix: Soil	QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Dieldrin	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Endrin	2.9	2.0	ug/Kg	1.00	05/16/2004 04:24	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
4,4`-DDT	8.1	2.0	ug/Kg	1.00	05/16/2004 04:24	
4,4`-DDE	20	2.0	ug/Kg	1.00	05/16/2004 04:24	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Endosulfan sulfate	3.4	2.0	ug/Kg	1.00	05/16/2004 04:24	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Toxaphene	110	35	ug/Kg	1.00	05/16/2004 04:24	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 04:24	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 04:24	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	92.3	50-125	%	1.00	05/16/2004 04:24	
Decachlorobiphenyl (Pest/8081)	90.4	46-142	%	1.00	05/16/2004 04:24	

Organochlorine Pesticides Analysis

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-56	Lab ID: 2004-05-0366 - 18
Sampled: 05/10/2004	Extracted: 5/14/2004 08:26
Matrix: Soil	QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Dieldrin	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Endrin	3.6	2.0	ug/Kg	1.00	05/16/2004 03:35	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
4,4`-DDT	7.9	2.0	ug/Kg	1.00	05/16/2004 03:35	
4,4`-DDE	20	2.0	ug/Kg	1.00	05/16/2004 03:35	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Toxaphene	120	35	ug/Kg	1.00	05/16/2004 03:35	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 03:35	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 03:35	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.8	50-125	%	1.00	05/16/2004 03:35	
Decachlorobiphenyl (Pest/8081)	94.8	46-142	%	1.00	05/16/2004 03:35	

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Prep(s): 3550/8081

Test(s): 8081

 Sample ID: **AG-57**

Lab ID: 2004-05-0366 - 19

Sampled: 05/10/2004

Extracted: 5/14/2004 08:26

Matrix: Soil

QC Batch#: 2004/05/14-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Dieldrin	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
4,4`-DDT	2.2	2.0	ug/Kg	1.00	05/16/2004 03:59	
4,4`-DDE	2.2	2.0	ug/Kg	1.00	05/16/2004 03:59	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Toxaphene	ND	35	ug/Kg	1.00	05/16/2004 03:59	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 03:59	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 03:59	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	99.4	50-125	%	1.00	05/16/2004 03:59	
Decachlorobiphenyl (Pest/8081)	101.2	46-142	%	1.00	05/16/2004 03:59	

Organochlorine Pesticides Analysis

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-58	Lab ID:	2004-05-0366 - 20
Sampled:	05/10/2004	Extracted:	5/14/2004 16:33
Matrix:	Soil	QC Batch#:	2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 11:23	
Dieldrin	12	10	ug/Kg	5.00	05/17/2004 11:23	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 11:23	
Endrin	15	10	ug/Kg	5.00	05/17/2004 11:23	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 11:23	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 11:23	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 11:23	
4,4'-DDT	67	10	ug/Kg	5.00	05/17/2004 11:23	
4,4'-DDE	190	10	ug/Kg	5.00	05/17/2004 11:23	
4,4'-DDD	33	10	ug/Kg	5.00	05/17/2004 11:23	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 11:23	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 11:23	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 11:23	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 11:23	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 11:23	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 11:23	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 11:23	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 11:23	
Toxaphene	660	180	ug/Kg	5.00	05/17/2004 11:23	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 11:23	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 11:23	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 11:23	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.8	50-125	%	5.00	05/17/2004 11:23	
Decachlorobiphenyl (Pest/8081)	108.5	46-142	%	5.00	05/17/2004 11:23	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-59	Lab ID: 2004-05-0366 - 21
Sampled: 05/10/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Dieldrin	11	10	ug/Kg	5.00	05/16/2004 21:29	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Endrin	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 21:29	
4,4`-DDT	110	10	ug/Kg	5.00	05/16/2004 21:29	
4,4`-DDE	240	10	ug/Kg	5.00	05/16/2004 21:29	
4,4`-DDD	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 21:29	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 21:29	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 21:29	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 21:29	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 21:29	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Toxaphene	820	180	ug/Kg	5.00	05/16/2004 21:29	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 21:29	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 21:29	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 21:29	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	102.6	50-125	%	5.00	05/16/2004 21:29	
Decachlorobiphenyl (Pest/8081)	103.8	46-142	%	5.00	05/16/2004 21:29	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-60	Lab ID: 2004-05-0366 - 22
Sampled: 05/10/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Dieldrin	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
4,4`-DDT	5.3	2.0	ug/Kg	1.00	05/16/2004 21:58	
4,4`-DDE	12	2.0	ug/Kg	1.00	05/16/2004 21:58	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Endosulfan sulfate	4.6	2.0	ug/Kg	1.00	05/16/2004 21:58	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Toxaphene	120	35	ug/Kg	1.00	05/16/2004 21:58	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 21:58	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 21:58	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	92.3	50-125	%	1.00	05/16/2004 21:58	
Decachlorobiphenyl (Pest/8081)	91.4	46-142	%	1.00	05/16/2004 21:58	

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-61	Lab ID:	2004-05-0366 - 23
Sampled:	05/10/2004	Extracted:	5/14/2004 10:23
Matrix:	Soil	QC Batch#:	2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Dieldrin	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
4,4'-DDT	5.4	2.0	ug/Kg	1.00	05/16/2004 22:27	
4,4'-DDE	15	2.0	ug/Kg	1.00	05/16/2004 22:27	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Endosulfan sulfate	9.2	2.0	ug/Kg	1.00	05/16/2004 22:27	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Toxaphene	140	35	ug/Kg	1.00	05/16/2004 22:27	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 22:27	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 22:27	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.6	50-125	%	1.00	05/16/2004 22:27	
Decachlorobiphenyl (Pest/8081)	89.3	46-142	%	1.00	05/16/2004 22:27	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-62	Lab ID: 2004-05-0366 - 24
Sampled: 05/10/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Dieldrin	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
4,4'-DDT	3.3	2.0	ug/Kg	1.00	05/16/2004 06:02	
4,4'-DDE	4.5	2.0	ug/Kg	1.00	05/16/2004 06:02	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Endosulfan sulfate	2.9	2.0	ug/Kg	1.00	05/16/2004 06:02	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Toxaphene	52	35	ug/Kg	1.00	05/16/2004 06:02	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 06:02	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 06:02	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	96.0	50-125	%	1.00	05/16/2004 06:02	
Decachlorobiphenyl (Pest/8081)	90.6	46-142	%	1.00	05/16/2004 06:02	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-63	Lab ID: 2004-05-0366 - 25
Sampled: 05/10/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/14/2004 22:56	
Dieldrin	12	10	ug/Kg	5.00	05/14/2004 22:56	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/14/2004 22:56	
Endrin	ND	10	ug/Kg	5.00	05/14/2004 22:56	
Endrin ketone	ND	10	ug/Kg	5.00	05/14/2004 22:56	
Heptachlor	ND	10	ug/Kg	5.00	05/14/2004 22:56	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/14/2004 22:56	
4,4`-DDT	120	10	ug/Kg	5.00	05/14/2004 22:56	
4,4`-DDE	190	10	ug/Kg	5.00	05/14/2004 22:56	
4,4`-DDD	13	10	ug/Kg	5.00	05/14/2004 22:56	
Endosulfan I	ND	10	ug/Kg	5.00	05/14/2004 22:56	
Endosulfan II	ND	10	ug/Kg	5.00	05/14/2004 22:56	
alpha-BHC	ND	10	ug/Kg	5.00	05/14/2004 22:56	
beta-BHC	ND	10	ug/Kg	5.00	05/14/2004 22:56	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/14/2004 22:56	
delta-BHC	ND	10	ug/Kg	5.00	05/14/2004 22:56	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/14/2004 22:56	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/14/2004 22:56	
Toxaphene	870	180	ug/Kg	5.00	05/14/2004 22:56	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/14/2004 22:56	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/14/2004 22:56	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/14/2004 22:56	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	100.5	50-125	%	5.00	05/14/2004 22:56	
Decachlorobiphenyl (Pest/8081)	101.5	46-142	%	5.00	05/14/2004 22:56	

Organochlorine Pesticides Analysis

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-64	Lab ID: 2004-05-0366 - 26
Sampled: 05/10/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 23:25	
Dieldrin	11	10	ug/Kg	5.00	05/16/2004 23:25	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 23:25	
Endrin	ND	10	ug/Kg	5.00	05/16/2004 23:25	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 23:25	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 23:25	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 23:25	
4,4`-DDT	110	10	ug/Kg	5.00	05/16/2004 23:25	
4,4`-DDE	160	10	ug/Kg	5.00	05/16/2004 23:25	
4,4`-DDD	12	10	ug/Kg	5.00	05/16/2004 23:25	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 23:25	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 23:25	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 23:25	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 23:25	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 23:25	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 23:25	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 23:25	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 23:25	
Toxaphene	870	180	ug/Kg	5.00	05/16/2004 23:25	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 23:25	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 23:25	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 23:25	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	94.9	50-125	%	5.00	05/16/2004 23:25	
Decachlorobiphenyl (Pest/8081)	102.5	46-142	%	5.00	05/16/2004 23:25	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-66	Lab ID: 2004-05-0366 - 28
Sampled: 05/10/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Dieldrin	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Endrin	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 00:23	
4,4`-DDT	34	10	ug/Kg	5.00	05/17/2004 00:23	
4,4`-DDE	98	10	ug/Kg	5.00	05/17/2004 00:23	
4,4`-DDD	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 00:23	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 00:23	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 00:23	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 00:23	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 00:23	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Toxaphene	430	180	ug/Kg	5.00	05/17/2004 00:23	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 00:23	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 00:23	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 00:23	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	99.1	50-125	%	5.00	05/17/2004 00:23	
Decachlorobiphenyl (Pest/8081)	102.2	46-142	%	5.00	05/17/2004 00:23	

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-67	Lab ID:	2004-05-0366 - 29
Sampled:	05/10/2004	Extracted:	5/14/2004 10:23
Matrix:	Soil	QC Batch#:	2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Dieldrin	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Endrin	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 08:49	
4,4`-DDT	36	10	ug/Kg	5.00	05/17/2004 08:49	
4,4`-DDE	67	10	ug/Kg	5.00	05/17/2004 08:49	
4,4`-DDD	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 08:49	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 08:49	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 08:49	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 08:49	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 08:49	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Toxaphene	440	180	ug/Kg	5.00	05/17/2004 08:49	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 08:49	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 08:49	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 08:49	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	80.2	50-125	%	5.00	05/17/2004 08:49	
Decachlorobiphenyl (Pest/8081)	93.5	46-142	%	5.00	05/17/2004 08:49	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-68	Lab ID: 2004-05-0366 - 30
Sampled: 05/10/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
Dieldrin	7.7	2.0	ug/Kg	1.00	05/16/2004 08:30	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
4,4'-DDT	28	2.0	ug/Kg	1.00	05/16/2004 08:30	
4,4'-DDE	57	2.0	ug/Kg	1.00	05/16/2004 08:30	
4,4'-DDD	2.7	2.0	ug/Kg	1.00	05/16/2004 08:30	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
Toxaphene	350	35	ug/Kg	1.00	05/16/2004 08:30	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 08:30	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 08:30	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.9	50-125	%	1.00	05/16/2004 08:30	
Decachlorobiphenyl (Pest/8081)	86.8	46-142	%	1.00	05/16/2004 08:30	

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-69	Lab ID:	2004-05-0366 - 31
Sampled:	05/10/2004	Extracted:	5/14/2004 10:23
Matrix:	Soil	QC Batch#:	2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Dieldrin	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
4,4`-DDT	4.7	2.0	ug/Kg	1.00	05/16/2004 14:32	
4,4`-DDE	7.7	2.0	ug/Kg	1.00	05/16/2004 14:32	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Endosulfan sulfate	7.0	2.0	ug/Kg	1.00	05/16/2004 14:32	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Toxaphene	77	35	ug/Kg	1.00	05/16/2004 14:32	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 14:32	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 14:32	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.8	50-125	%	1.00	05/16/2004 14:32	
Decachlorobiphenyl (Pest/8081)	93.9	46-142	%	1.00	05/16/2004 14:32	

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-70	Lab ID:	2004-05-0366 - 32
Sampled:	05/11/2004	Extracted:	5/14/2004 10:23
Matrix:	Soil	QC Batch#:	2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Dieldrin	15	10	ug/Kg	5.00	05/17/2004 09:18	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Endrin	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 09:18	
4,4`-DDT	40	10	ug/Kg	5.00	05/17/2004 09:18	
4,4`-DDE	89	10	ug/Kg	5.00	05/17/2004 09:18	
4,4`-DDD	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 09:18	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 09:18	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 09:18	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 09:18	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 09:18	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Toxaphene	450	180	ug/Kg	5.00	05/17/2004 09:18	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 09:18	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 09:18	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 09:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	81.8	50-125	%	5.00	05/17/2004 09:18	
Decachlorobiphenyl (Pest/8081)	77.7	46-142	%	5.00	05/17/2004 09:18	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-72	Lab ID: 2004-05-0366 - 33
Sampled: 05/11/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Dieldrin	25	10	ug/Kg	5.00	05/17/2004 01:50	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Endrin	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 01:50	
4,4'-DDT	46	10	ug/Kg	5.00	05/17/2004 01:50	
4,4'-DDE	120	10	ug/Kg	5.00	05/17/2004 01:50	
4,4'-DDD	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 01:50	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 01:50	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 01:50	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 01:50	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 01:50	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Toxaphene	590	180	ug/Kg	5.00	05/17/2004 01:50	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 01:50	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 01:50	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 01:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	99.0	50-125	%	5.00	05/17/2004 01:50	
Decachlorobiphenyl (Pest/8081)	102.9	46-142	%	5.00	05/17/2004 01:50	

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-73	Lab ID:	2004-05-0366 - 34
Sampled:	05/11/2004	Extracted:	5/14/2004 10:23
Matrix:	Soil	QC Batch#:	2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
Dieldrin	3.4	2.0	ug/Kg	1.00	05/16/2004 14:56	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
Endrin	3.9	2.0	ug/Kg	1.00	05/16/2004 14:56	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
4,4'-DDT	7.9	2.0	ug/Kg	1.00	05/16/2004 14:56	
4,4'-DDE	20	2.0	ug/Kg	1.00	05/16/2004 14:56	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
Endosulfan sulfate	10	2.0	ug/Kg	1.00	05/16/2004 14:56	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
Toxaphene	160	35	ug/Kg	1.00	05/16/2004 14:56	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 14:56	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 14:56	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.8	50-125	%	1.00	05/16/2004 14:56	
Decachlorobiphenyl (Pest/8081)	99.7	46-142	%	1.00	05/16/2004 14:56	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-74	Lab ID: 2004-05-0366 - 35
Sampled: 05/11/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
Dieldrin	2.5	2.0	ug/Kg	1.00	05/16/2004 15:21	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
Endrin	2.5	2.0	ug/Kg	1.00	05/16/2004 15:21	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
4,4`-DDT	5.3	2.0	ug/Kg	1.00	05/16/2004 15:21	
4,4`-DDE	7.7	2.0	ug/Kg	1.00	05/16/2004 15:21	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
Endosulfan II	2.1	2.0	ug/Kg	1.00	05/16/2004 15:21	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
Endosulfan sulfate	8.2	2.0	ug/Kg	1.00	05/16/2004 15:21	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
Toxaphene	98	35	ug/Kg	1.00	05/16/2004 15:21	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 15:21	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 15:21	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	96.2	50-125	%	1.00	05/16/2004 15:21	
Decachlorobiphenyl (Pest/8081)	91.1	46-142	%	1.00	05/16/2004 15:21	

Organochlorine Pesticides Analysis

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-75	Lab ID: 2004-05-0366 - 36
Sampled: 05/11/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 15:45	
Dieldrin	15	10	ug/Kg	5.00	05/16/2004 15:45	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 15:45	
Endrin	26	10	ug/Kg	5.00	05/16/2004 15:45	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 15:45	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 15:45	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 15:45	
4,4`-DDT	52	10	ug/Kg	5.00	05/16/2004 15:45	
4,4`-DDE	160	10	ug/Kg	5.00	05/16/2004 15:45	
4,4`-DDD	ND	10	ug/Kg	5.00	05/16/2004 15:45	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 15:45	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 15:45	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 15:45	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 15:45	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 15:45	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 15:45	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 15:45	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 15:45	
Toxaphene	ND	180	ug/Kg	5.00	05/16/2004 15:45	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 15:45	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 15:45	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 15:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	103.1	50-125	%	5.00	05/16/2004 15:45	
Decachlorobiphenyl (Pest/8081)	116.4	46-142	%	5.00	05/16/2004 15:45	

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-76	Lab ID:	2004-05-0366 - 37
Sampled:	05/11/2004	Extracted:	5/14/2004 10:23
Matrix:	Soil	QC Batch#:	2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Dieldrin	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Endrin	12	10	ug/Kg	5.00	05/16/2004 16:10	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 16:10	
4,4`-DDT	31	10	ug/Kg	5.00	05/16/2004 16:10	
4,4`-DDE	120	10	ug/Kg	5.00	05/16/2004 16:10	
4,4`-DDD	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 16:10	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 16:10	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 16:10	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 16:10	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 16:10	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Toxaphene	340	180	ug/Kg	5.00	05/16/2004 16:10	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 16:10	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 16:10	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 16:10	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.0	50-125	%	5.00	05/16/2004 16:10	
Decachlorobiphenyl (Pest/8081)	118.3	46-142	%	5.00	05/16/2004 16:10	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-77	Lab ID: 2004-05-0366 - 38
Sampled: 05/11/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 16:34	
Dieldrin	26	10	ug/Kg	5.00	05/16/2004 16:34	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 16:34	
Endrin	18	10	ug/Kg	5.00	05/16/2004 16:34	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 16:34	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 16:34	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 16:34	
4,4'-DDT	47	10	ug/Kg	5.00	05/16/2004 16:34	
4,4'-DDE	150	10	ug/Kg	5.00	05/16/2004 16:34	
4,4'-DDD	ND	10	ug/Kg	5.00	05/16/2004 16:34	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 16:34	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 16:34	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 16:34	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 16:34	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 16:34	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 16:34	
Endosulfan sulfate	15	10	ug/Kg	5.00	05/16/2004 16:34	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 16:34	
Toxaphene	600	180	ug/Kg	5.00	05/16/2004 16:34	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 16:34	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 16:34	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 16:34	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	93.8	50-125	%	5.00	05/16/2004 16:34	
Decachlorobiphenyl (Pest/8081)	106.1	46-142	%	5.00	05/16/2004 16:34	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-78	Lab ID: 2004-05-0366 - 39
Sampled: 05/11/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 16:59	
Dieldrin	18	10	ug/Kg	5.00	05/16/2004 16:59	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 16:59	
Endrin	17	10	ug/Kg	5.00	05/16/2004 16:59	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 16:59	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 16:59	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 16:59	
4,4'-DDT	39	10	ug/Kg	5.00	05/16/2004 16:59	
4,4'-DDE	99	10	ug/Kg	5.00	05/16/2004 16:59	
4,4'-DDD	ND	10	ug/Kg	5.00	05/16/2004 16:59	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 16:59	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 16:59	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 16:59	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 16:59	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 16:59	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 16:59	
Endosulfan sulfate	16	10	ug/Kg	5.00	05/16/2004 16:59	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 16:59	
Toxaphene	460	180	ug/Kg	5.00	05/16/2004 16:59	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 16:59	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 16:59	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 16:59	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	105.6	50-125	%	5.00	05/16/2004 16:59	
Decachlorobiphenyl (Pest/8081)	122.0	46-142	%	5.00	05/16/2004 16:59	

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Prep(s): 3550/8081 Test(s): 8081
 Sample ID: **AG-79** Lab ID: 2004-05-0366 - 40
 Sampled: 05/11/2004 Extracted: 5/14/2004 10:23
 Matrix: Soil QC Batch#: 2004/05/14-04.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
Dieldrin	13	2.0	ug/Kg	1.00	05/16/2004 17:23	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
Endrin	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
4,4'-DDT	21	2.0	ug/Kg	1.00	05/16/2004 17:23	
4,4'-DDE	50	2.0	ug/Kg	1.00	05/16/2004 17:23	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
4,4'-Methoxychlor	4.3	2.0	ug/Kg	1.00	05/16/2004 17:23	
Toxaphene	320	35	ug/Kg	1.00	05/16/2004 17:23	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 17:23	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 17:23	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.6	50-125	%	1.00	05/16/2004 17:23	
Decachlorobiphenyl (Pest/8081)	96.4	46-142	%	1.00	05/16/2004 17:23	

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-82	Lab ID:	2004-05-0366 - 43
Sampled:	05/11/2004	Extracted:	5/14/2004 16:33
Matrix:	Soil	QC Batch#:	2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 13:42	
Dieldrin	37	10	ug/Kg	5.00	05/16/2004 13:42	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 13:42	
Endrin	20	10	ug/Kg	5.00	05/16/2004 13:42	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 13:42	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 13:42	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 13:42	
4,4'-DDT	59	10	ug/Kg	5.00	05/16/2004 13:42	
4,4'-DDE	180	10	ug/Kg	5.00	05/16/2004 13:42	
4,4'-DDD	ND	10	ug/Kg	5.00	05/16/2004 13:42	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 13:42	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 13:42	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 13:42	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 13:42	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 13:42	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 13:42	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 13:42	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 13:42	
Toxaphene	740	180	ug/Kg	5.00	05/16/2004 13:42	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 13:42	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 13:42	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 13:42	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	105.1	50-125	%	5.00	05/16/2004 13:42	
Decachlorobiphenyl (Pest/8081)	116.6	46-142	%	5.00	05/16/2004 13:42	

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Received: 05/11/2004 16:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-83	Lab ID:	2004-05-0366 - 44
Sampled:	05/11/2004	Extracted:	5/14/2004 16:33
Matrix:	Soil	QC Batch#:	2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 14:07	
Dieldrin	18	10	ug/Kg	5.00	05/16/2004 14:07	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 14:07	
Endrin	11	10	ug/Kg	5.00	05/16/2004 14:07	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 14:07	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 14:07	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 14:07	
4,4`-DDT	30	10	ug/Kg	5.00	05/16/2004 14:07	
4,4`-DDE	88	10	ug/Kg	5.00	05/16/2004 14:07	
4,4`-DDD	ND	10	ug/Kg	5.00	05/16/2004 14:07	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 14:07	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 14:07	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 14:07	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 14:07	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 14:07	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 14:07	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 14:07	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 14:07	
Toxaphene	430	180	ug/Kg	5.00	05/16/2004 14:07	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 14:07	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 14:07	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 14:07	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.3	50-125	%	5.00	05/16/2004 14:07	
Decachlorobiphenyl (Pest/8081)	109.2	46-142	%	5.00	05/16/2004 14:07	

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Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-84	Lab ID:	2004-05-0366 - 45
Sampled:	05/11/2004	Extracted:	5/14/2004 16:33
Matrix:	Soil	QC Batch#:	2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 07:41	
Dieldrin	11	10	ug/Kg	5.00	05/17/2004 07:41	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 07:41	
Endrin	13	10	ug/Kg	5.00	05/17/2004 07:41	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 07:41	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 07:41	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 07:41	
4,4`-DDT	44	10	ug/Kg	5.00	05/17/2004 07:41	
4,4`-DDE	98	10	ug/Kg	5.00	05/17/2004 07:41	
4,4`-DDD	ND	10	ug/Kg	5.00	05/17/2004 07:41	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 07:41	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 07:41	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 07:41	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 07:41	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 07:41	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 07:41	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 07:41	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 07:41	
Toxaphene	560	180	ug/Kg	5.00	05/17/2004 07:41	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 07:41	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 07:41	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 07:41	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	86.9	50-125	%	5.00	05/17/2004 07:41	
Decachlorobiphenyl (Pest/8081)	118.0	46-142	%	5.00	05/17/2004 07:41	

Organochlorine Pesticides Analysis

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Fande Ranch

Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-85	Lab ID: 2004-05-0366 - 46
Sampled: 05/11/2004	Extracted: 5/14/2004 16:33
Matrix: Soil	QC Batch#: 2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
Dieldrin	2.9	2.0	ug/Kg	1.00	05/17/2004 08:06	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
Endrin	3.7	2.0	ug/Kg	1.00	05/17/2004 08:06	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
Heptachlor	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
4,4`-DDT	11	2.0	ug/Kg	1.00	05/17/2004 08:06	
4,4`-DDE	31	2.0	ug/Kg	1.00	05/17/2004 08:06	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
beta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
delta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
Toxaphene	130	35	ug/Kg	1.00	05/17/2004 08:06	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/17/2004 08:06	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 08:06	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.8	50-125	%	1.00	05/17/2004 08:06	
Decachlorobiphenyl (Pest/8081)	93.7	46-142	%	1.00	05/17/2004 08:06	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-86	Lab ID: 2004-05-0366 - 47
Sampled: 05/11/2004	Extracted: 5/14/2004 16:33
Matrix: Soil	QC Batch#: 2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 08:30	
Dieldrin	14	10	ug/Kg	5.00	05/17/2004 08:30	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 08:30	
Endrin	21	10	ug/Kg	5.00	05/17/2004 08:30	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 08:30	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 08:30	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 08:30	
4,4`-DDT	47	10	ug/Kg	5.00	05/17/2004 08:30	
4,4`-DDE	120	10	ug/Kg	5.00	05/17/2004 08:30	
4,4`-DDD	ND	10	ug/Kg	5.00	05/17/2004 08:30	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 08:30	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 08:30	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 08:30	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 08:30	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 08:30	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 08:30	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 08:30	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 08:30	
Toxaphene	570	180	ug/Kg	5.00	05/17/2004 08:30	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 08:30	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 08:30	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 08:30	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.9	50-125	%	5.00	05/17/2004 08:30	
Decachlorobiphenyl (Pest/8081)	112.0	46-142	%	5.00	05/17/2004 08:30	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-87	Lab ID: 2004-05-0366 - 48
Sampled: 05/11/2004	Extracted: 5/14/2004 16:33
Matrix: Soil	QC Batch#: 2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
Dieldrin	4.2	2.0	ug/Kg	1.00	05/17/2004 08:55	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
Endrin	9.9	2.0	ug/Kg	1.00	05/17/2004 08:55	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
Heptachlor	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
4,4`-DDT	17	2.0	ug/Kg	1.00	05/17/2004 08:55	
4,4`-DDE	51	2.0	ug/Kg	1.00	05/17/2004 08:55	
4,4`-DDD	2.7	2.0	ug/Kg	1.00	05/17/2004 08:55	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
Endosulfan II	3.0	2.0	ug/Kg	1.00	05/17/2004 08:55	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
beta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
delta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
4,4`-Methoxychlor	2.0	2.0	ug/Kg	1.00	05/17/2004 08:55	
Toxaphene	210	35	ug/Kg	1.00	05/17/2004 08:55	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/17/2004 08:55	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 08:55	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.3	50-125	%	1.00	05/17/2004 08:55	
Decachlorobiphenyl (Pest/8081)	92.4	46-142	%	1.00	05/17/2004 08:55	

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Received: 05/11/2004 16:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-89	Lab ID:	2004-05-0366 - 50
Sampled:	05/11/2004	Extracted:	5/14/2004 16:33
Matrix:	Soil	QC Batch#:	2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
Dieldrin	5.2	2.0	ug/Kg	1.00	05/16/2004 19:27	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
Endrin	13	2.0	ug/Kg	1.00	05/16/2004 19:27	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
4,4'-DDT	18	2.0	ug/Kg	1.00	05/16/2004 19:27	
4,4'-DDE	49	2.0	ug/Kg	1.00	05/16/2004 19:27	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
Toxaphene	290	35	ug/Kg	1.00	05/16/2004 19:27	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 19:27	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 19:27	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.9	50-125	%	1.00	05/16/2004 19:27	
Decachlorobiphenyl (Pest/8081)	91.6	46-142	%	1.00	05/16/2004 19:27	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-90	Lab ID: 2004-05-0366 - 51
Sampled: 05/11/2004	Extracted: 5/14/2004 16:33
Matrix: Soil	QC Batch#: 2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
Dieldrin	4.6	2.0	ug/Kg	1.00	05/16/2004 19:52	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
Endrin	10	2.0	ug/Kg	1.00	05/16/2004 19:52	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
Heptachlor	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
4,4'-DDT	25	2.0	ug/Kg	1.00	05/16/2004 19:52	
4,4'-DDE	48	2.0	ug/Kg	1.00	05/16/2004 19:52	
4,4'-DDD	2.5	2.0	ug/Kg	1.00	05/16/2004 19:52	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
beta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
delta-BHC	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
Toxaphene	240	35	ug/Kg	1.00	05/16/2004 19:52	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/16/2004 19:52	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/16/2004 19:52	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	93.6	50-125	%	1.00	05/16/2004 19:52	
Decachlorobiphenyl (Pest/8081)	95.4	46-142	%	1.00	05/16/2004 19:52	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: **AG-91** Lab ID: 2004-05-0366 - 52
 Sampled: 05/11/2004 Extracted: 5/14/2004 16:33
 Matrix: Soil QC Batch#: 2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Dieldrin	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Endrin	14	10	ug/Kg	5.00	05/17/2004 09:19	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 09:19	
4,4`-DDT	39	10	ug/Kg	5.00	05/17/2004 09:19	
4,4`-DDE	91	10	ug/Kg	5.00	05/17/2004 09:19	
4,4`-DDD	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 09:19	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 09:19	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 09:19	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 09:19	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 09:19	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Toxaphene	390	180	ug/Kg	5.00	05/17/2004 09:19	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 09:19	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 09:19	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 09:19	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	99.6	50-125	%	5.00	05/17/2004 09:19	
Decachlorobiphenyl (Pest/8081)	114.2	46-142	%	5.00	05/17/2004 09:19	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-92	Lab ID: 2004-05-0366 - 53
Sampled: 05/11/2004	Extracted: 5/14/2004 16:33
Matrix: Soil	QC Batch#: 2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
Dieldrin	5.1	2.0	ug/Kg	1.00	05/17/2004 09:44	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
Endrin	10	2.0	ug/Kg	1.00	05/17/2004 09:44	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
Heptachlor	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
4,4`-DDT	28	2.0	ug/Kg	1.00	05/17/2004 09:44	
4,4`-DDE	51	2.0	ug/Kg	1.00	05/17/2004 09:44	
4,4`-DDD	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
beta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
delta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
Toxaphene	290	35	ug/Kg	1.00	05/17/2004 09:44	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/17/2004 09:44	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 09:44	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.7	50-125	%	1.00	05/17/2004 09:44	
Decachlorobiphenyl (Pest/8081)	89.7	46-142	%	1.00	05/17/2004 09:44	

Organochlorine Pesticides Analysis

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-93	Lab ID: 2004-05-0366 - 54
Sampled: 05/11/2004	Extracted: 5/14/2004 16:33
Matrix: Soil	QC Batch#: 2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	19	10	ug/Kg	5.00	05/17/2004 10:08	
Dieldrin	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Endrin	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 10:08	
4,4`-DDT	52	10	ug/Kg	5.00	05/17/2004 10:08	
4,4`-DDE	98	10	ug/Kg	5.00	05/17/2004 10:08	
4,4`-DDD	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 10:08	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 10:08	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 10:08	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 10:08	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 10:08	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Toxaphene	530	180	ug/Kg	5.00	05/17/2004 10:08	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 10:08	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 10:08	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 10:08	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	96.1	50-125	%	5.00	05/17/2004 10:08	
Decachlorobiphenyl (Pest/8081)	108.8	46-142	%	5.00	05/17/2004 10:08	

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Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-81B	Lab ID: 2004-05-0366-55
Sampled: 05/11/2004	Extracted: 5/14/2004 16:33
Matrix: Soil	QC Batch#: 2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
Dieldrin	3.3	2.0	ug/Kg	1.00	05/17/2004 10:33	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
Endrin	3.7	2.0	ug/Kg	1.00	05/17/2004 10:33	
Endrin ketone	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
Heptachlor	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
4,4'-DDT	13	2.0	ug/Kg	1.00	05/17/2004 10:33	
4,4'-DDE	43	2.0	ug/Kg	1.00	05/17/2004 10:33	
4,4'-DDD	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
Endosulfan I	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
Endosulfan II	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
alpha-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
beta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
delta-BHC	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
Toxaphene	150	35	ug/Kg	1.00	05/17/2004 10:33	
Chlordane (Technical)	ND	50	ug/Kg	1.00	05/17/2004 10:33	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	05/17/2004 10:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	86.3	50-125	%	1.00	05/17/2004 10:33	
Decachlorobiphenyl (Pest/8081)	87.1	46-142	%	1.00	05/17/2004 10:33	

Organochlorine Pesticides Analysis

Lowney & Associates Oakland

Attn.: Tom McCloskey

167 Filbert Street

Oakland, CA 94607

Phone: (510) 267-1970 Fax: (510) 267-1972

Project: 1989-1B

Fande Ranch

Received: 05/11/2004 16:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-71	Lab ID:	2004-05-0366 - 56
Sampled:	05/10/2004	Extracted:	5/14/2004 16:33
Matrix:	Soil	QC Batch#:	2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 10:58	
Dieldrin	31	10	ug/Kg	5.00	05/17/2004 10:58	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 10:58	
Endrin	ND	10	ug/Kg	5.00	05/17/2004 10:58	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 10:58	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 10:58	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 10:58	
4,4`-DDT	77	10	ug/Kg	5.00	05/17/2004 10:58	
4,4`-DDE	180	10	ug/Kg	5.00	05/17/2004 10:58	
4,4`-DDD	ND	10	ug/Kg	5.00	05/17/2004 10:58	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 10:58	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 10:58	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 10:58	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 10:58	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 10:58	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 10:58	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 10:58	
4,4`-Methoxychlor	10	10	ug/Kg	5.00	05/17/2004 10:58	
Toxaphene	840	180	ug/Kg	5.00	05/17/2004 10:58	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 10:58	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 10:58	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 10:58	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.2	50-125	%	5.00	05/17/2004 10:58	
Decachlorobiphenyl (Pest/8081)	108.1	46-142	%	5.00	05/17/2004 10:58	

Organochlorine Pesticides Analysis

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Project: 1989-1B
Fande Ranch

Received: 05/11/2004 16:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Method Blank

Soil

QC Batch # 2004/05/14-02.13

MB: 2004/05/14-02.13-001

Date Extracted: 05/14/2004 08:26

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	05/16/2004 07:26	
Dieldrin	ND	2.0	ug/Kg	05/16/2004 07:26	
Endrin aldehyde	ND	2.0	ug/Kg	05/16/2004 07:26	
Endrin	ND	2.0	ug/Kg	05/16/2004 07:26	
Endrin ketone	ND	2.0	ug/Kg	05/16/2004 07:26	
Heptachlor	ND	2.0	ug/Kg	05/16/2004 07:26	
Heptachlor epoxide	ND	2.0	ug/Kg	05/16/2004 07:26	
4,4`-DDT	ND	2.0	ug/Kg	05/16/2004 07:26	
4,4`-DDE	ND	2.0	ug/Kg	05/16/2004 07:26	
4,4`-DDD	ND	2.0	ug/Kg	05/16/2004 07:26	
Endosulfan I	ND	2.0	ug/Kg	05/16/2004 07:26	
Endosulfan II	ND	2.0	ug/Kg	05/16/2004 07:26	
alpha-BHC	ND	2.0	ug/Kg	05/16/2004 07:26	
beta-BHC	ND	2.0	ug/Kg	05/16/2004 07:26	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	05/16/2004 07:26	
delta-BHC	ND	2.0	ug/Kg	05/16/2004 07:26	
Endosulfan sulfate	ND	2.0	ug/Kg	05/16/2004 07:26	
4,4`-Methoxychlor	ND	2.0	ug/Kg	05/16/2004 07:26	
Toxaphene	ND	100	ug/Kg	05/16/2004 07:26	
Chlordane (Technical)	ND	50	ug/Kg	05/16/2004 07:26	
alpha-Chlordane	ND	2.0	ug/Kg	05/16/2004 07:26	
gamma-Chlordane	ND	2.0	ug/Kg	05/16/2004 07:26	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	99.9	50-125	%	05/16/2004 07:26	
Decachlorobiphenyl (Pest/8081)	112.7	46-142	%	05/16/2004 07:26	

Organochlorine Pesticides Analysis

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Project: 1989-1B

Fande Ranch

Received: 05/11/2004 16:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Method Blank
Soil
QC Batch # 2004/05/14-04.13

MB: 2004/05/14-04.13-001

Date Extracted: 05/14/2004 10:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	05/15/2004 17:45	
Dieldrin	ND	2.0	ug/Kg	05/15/2004 17:45	
Endrin aldehyde	ND	2.0	ug/Kg	05/15/2004 17:45	
Endrin	ND	2.0	ug/Kg	05/15/2004 17:45	
Endrin ketone	ND	2.0	ug/Kg	05/15/2004 17:45	
Heptachlor	ND	2.0	ug/Kg	05/15/2004 17:45	
Heptachlor epoxide	ND	2.0	ug/Kg	05/15/2004 17:45	
4,4'-DDT	ND	2.0	ug/Kg	05/15/2004 17:45	
4,4'-DDE	ND	2.0	ug/Kg	05/15/2004 17:45	
4,4'-DDD	ND	2.0	ug/Kg	05/15/2004 17:45	
Endosulfan I	ND	2.0	ug/Kg	05/15/2004 17:45	
Endosulfan II	ND	2.0	ug/Kg	05/15/2004 17:45	
alpha-BHC	ND	2.0	ug/Kg	05/15/2004 17:45	
beta-BHC	ND	2.0	ug/Kg	05/15/2004 17:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	05/15/2004 17:45	
delta-BHC	ND	2.0	ug/Kg	05/15/2004 17:45	
Endosulfan sulfate	ND	2.0	ug/Kg	05/15/2004 17:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	05/15/2004 17:45	
Toxaphene	ND	100	ug/Kg	05/15/2004 17:45	
Chlordane (Technical)	ND	50	ug/Kg	05/15/2004 17:45	
alpha-Chlordane	ND	2.0	ug/Kg	05/15/2004 17:45	
gamma-Chlordane	ND	2.0	ug/Kg	05/15/2004 17:45	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	98.6	50-125	%	05/15/2004 17:45	
Decachlorobiphenyl (Pest/8081)	104.5	46-142	%	05/15/2004 17:45	

Organochlorine Pesticides Analysis

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Batch QC Report

Prep(s): 3550/8081

Method Blank

MB: 2004/05/14-05.13-001

Soil

Test(s): 8081

QC Batch # 2004/05/14-05.13

Date Extracted: 05/14/2004 16:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	05/16/2004 08:21	
Dieldrin	ND	2.0	ug/Kg	05/16/2004 08:21	
Endrin aldehyde	ND	2.0	ug/Kg	05/16/2004 08:21	
Endrin	ND	2.0	ug/Kg	05/16/2004 08:21	
Endrin ketone	ND	2.0	ug/Kg	05/16/2004 08:21	
Heptachlor	ND	2.0	ug/Kg	05/16/2004 08:21	
Heptachlor epoxide	ND	2.0	ug/Kg	05/16/2004 08:21	
4,4' -DDT	ND	2.0	ug/Kg	05/16/2004 08:21	
4,4' -DDE	ND	2.0	ug/Kg	05/16/2004 08:21	
4,4' -DDD	ND	2.0	ug/Kg	05/16/2004 08:21	
Endosulfan I	ND	2.0	ug/Kg	05/16/2004 08:21	
Endosulfan II	ND	2.0	ug/Kg	05/16/2004 08:21	
alpha-BHC	ND	2.0	ug/Kg	05/16/2004 08:21	
beta-BHC	ND	2.0	ug/Kg	05/16/2004 08:21	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	05/16/2004 08:21	
delta-BHC	ND	2.0	ug/Kg	05/16/2004 08:21	
Endosulfan sulfate	ND	2.0	ug/Kg	05/16/2004 08:21	
4,4' -Methoxychlor	ND	2.0	ug/Kg	05/16/2004 08:21	
Toxaphene	ND	100	ug/Kg	05/16/2004 08:21	
Chlordane (Technical)	ND	50	ug/Kg	05/16/2004 08:21	
alpha-Chlordane	ND	2.0	ug/Kg	05/16/2004 08:21	
gamma-Chlordane	ND	2.0	ug/Kg	05/16/2004 08:21	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	103.3	50-125	%	05/16/2004 08:21	
Decachlorobiphenyl (Pest/8081)	110.9	46-142	%	05/16/2004 08:21	

Organochlorine Pesticides Analysis

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Fande Ranch

Received: 05/11/2004 16:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike

Soil

QC Batch # 2004/05/14-02.13

LCS 2004/05/14-02.13-002

Extracted: 05/14/2004

Analyzed: 05/16/2004 07:57

LCSD 2004/05/14-02.13-003

Extracted: 05/14/2004

Analyzed: 05/16/2004 08:28

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Aldrin	15.7	16.2	16.6	94.6	97.6	3.1	37-136	35		
Dieldrin	15.9	16.7	16.6	95.8	100.6	4.9	58-135	35		
Endrin	16.0	16.5	16.6	96.4	99.4	3.1	58-134	35		
Heptachlor	15.6	16.3	16.6	94.0	98.2	4.4	40-136	35		
4,4'-DDT	16.6	17.6	16.6	100.0	106.0	5.8	55-132	35		
gamma-BHC (Lindane)	15.5	16.5	16.6	93.4	99.4	6.2	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	48.6	51.3	50	97.3	102.6		50-125	0		
Decachlorobiphenyl	54.4	56.9	50	108.8	113.9		46-142	0		

Organochlorine Pesticides Analysis

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Fande Ranch

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Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike

Soil

QC Batch # 2004/05/14-04.13

LCS 2004/05/14-04.13-002

Extracted: 05/14/2004

Analyzed: 05/15/2004 18:10

LCSD 2004/05/14-04.13-003

Extracted: 05/14/2004

Analyzed: 05/15/2004 18:34

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Aldrin	17.6	16.7	16.6	106.0	100.6	5.2	37-136	35		
Dieldrin	18.2	17.2	16.6	109.6	103.6	5.6	58-135	35		
Endrin	17.3	15.4	16.6	104.2	92.8	11.6	58-134	35		
Heptachlor	16.8	16.3	16.6	101.2	98.2	3.0	40-136	35		
4,4'-DDT	18.0	17.6	16.6	108.4	106.0	2.2	55-132	35		
gamma-BHC (Lindane)	17.2	16.5	16.6	103.6	99.4	4.1	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	51.0	50.1	50	102.0	100.1		50-125	0		
Decachlorobiphenyl	54.0	53.1	50	107.9	106.2		46-142	0		

Organochlorine Pesticides Analysis

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Project: 1989-1B
Fande Ranch

Received: 05/11/2004 16:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike

Soil

QC Batch # 2004/05/14-05.13

LCS 2004/05/14-05.13-002

Extracted: 05/14/2004

Analyzed: 05/16/2004 08:50

LCSD 2004/05/14-05.13-003

Extracted: 05/14/2004

Analyzed: 05/16/2004 09:19

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Aldrin	18.2	15.7	16.7	109.0	94.6	14.1	37-136	35		
Dieldrin	19.2	16.5	16.7	115.0	99.4	14.6	58-135	35		
Endrin	20.7	17.6	16.7	124.0	106.0	15.7	58-134	35		
Heptachlor	18.3	15.9	16.7	109.6	95.8	13.4	40-136	35		
4,4'-DDT	19.4	16.7	16.7	116.2	100.6	14.4	55-132	35		
gamma-BHC (Lindane)	18.0	15.9	16.7	107.8	95.8	11.8	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	54.9	47.6	50	109.8	95.2		50-125	0		
Decachlorobiphenyl	60.5	53.3	50	120.9	106.6		46-142	0		

Organochlorine Pesticides Analysis

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Project: 1989-1B

Fande Ranch

Received: 05/11/2004 16:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-65	05/10/2004	Soil	27

Organochlorine Pesticides Analysis

Lowney & Associates Oakland

Attn.: Tom McCloskey

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Phone: (510) 267-1970 Fax: (510) 267-1972

Project: 1989-1B

Fande Ranch

Received: 05/11/2004 16:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-65	Lab ID:	2004-05-0366 - 27
Sampled:	05/10/2004	Extracted:	5/16/2004 08:17
Matrix:	Soil	QC Batch#:	2004/05/16-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Dieldrin	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Endrin	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Endrin ketone	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Heptachlor	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/17/2004 09:47	
4,4'-DDT	66	10	ug/Kg	5.00	05/17/2004 09:47	
4,4'-DDE	180	10	ug/Kg	5.00	05/17/2004 09:47	
4,4'-DDD	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Endosulfan I	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Endosulfan II	ND	10	ug/Kg	5.00	05/17/2004 09:47	
alpha-BHC	ND	10	ug/Kg	5.00	05/17/2004 09:47	
beta-BHC	ND	10	ug/Kg	5.00	05/17/2004 09:47	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/17/2004 09:47	
delta-BHC	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/17/2004 09:47	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Toxaphene	690	180	ug/Kg	5.00	05/17/2004 09:47	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/17/2004 09:47	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 09:47	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/17/2004 09:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	92.6	50-125	%	5.00	05/17/2004 09:47	
Decachlorobiphenyl (Pest/8081)	102.1	46-142	%	5.00	05/17/2004 09:47	

Organochlorine Pesticides Analysis

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Project: 1989-1B

Fande Ranch

Received: 05/11/2004 16:45

Batch QC Report

Prep(s): 3550/8081

Method Blank

MB: 2004/05/16-01.13-001

Soil

Test(s): 8081

QC Batch # 2004/05/16-01.13

Date Extracted: 05/16/2004 08:17

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	05/18/2004 13:58	
Dieldrin	ND	2.0	ug/Kg	05/18/2004 13:58	
Endrin aldehyde	ND	2.0	ug/Kg	05/18/2004 13:58	
Endrin	ND	2.0	ug/Kg	05/18/2004 13:58	
Endrin ketone	ND	2.0	ug/Kg	05/18/2004 13:58	
Heptachlor	ND	2.0	ug/Kg	05/18/2004 13:58	
Heptachlor epoxide	ND	2.0	ug/Kg	05/18/2004 13:58	
4,4`-DDT	ND	2.0	ug/Kg	05/18/2004 13:58	
4,4`-DDE	ND	2.0	ug/Kg	05/18/2004 13:58	
4,4`-DDD	ND	2.0	ug/Kg	05/18/2004 13:58	
Endosulfan I	ND	2.0	ug/Kg	05/18/2004 13:58	
Endosulfan II	ND	2.0	ug/Kg	05/18/2004 13:58	
alpha-BHC	ND	2.0	ug/Kg	05/18/2004 13:58	
beta-BHC	ND	2.0	ug/Kg	05/18/2004 13:58	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	05/18/2004 13:58	
delta-BHC	ND	2.0	ug/Kg	05/18/2004 13:58	
Endosulfan sulfate	ND	2.0	ug/Kg	05/18/2004 13:58	
4,4`-Methoxychlor	ND	2.0	ug/Kg	05/18/2004 13:58	
Toxaphene	ND	100	ug/Kg	05/18/2004 13:58	
Chlordane (Technical)	ND	50	ug/Kg	05/18/2004 13:58	
alpha-Chlordane	ND	2.0	ug/Kg	05/18/2004 13:58	
gamma-Chlordane	ND	2.0	ug/Kg	05/18/2004 13:58	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	86.6	50-125	%	05/18/2004 13:58	
Decachlorobiphenyl (Pest/8081)	91.4	46-142	%	05/18/2004 13:58	

Organochlorine Pesticides Analysis

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Phone: (510) 267-1970 Fax: (510) 267-1972

Project: 1989-1B
Fande Ranch

Received: 05/11/2004 16:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike

Soil

QC Batch # 2004/05/16-01.13

LCS 2004/05/16-01.13-002

Extracted: 05/16/2004

Analyzed: 05/18/2004 14:23

LCSD 2004/05/16-01.13-003

Extracted: 05/16/2004

Analyzed: 05/18/2004 14:48

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Aldrin	15.4	15.7	16.7	92.2	94.0	1.9	37-136	35		
Dieldrin	16.5	16.8	16.7	98.8	100.6	1.8	58-135	35		
Endrin	18.5	18.5	16.7	110.8	110.8	0.0	58-134	35		
Heptachlor	16.8	17.2	16.7	100.6	103.0	2.4	40-136	35		
4,4'-DDT	18.4	17.9	16.7	110.2	107.2	2.8	55-132	35		
gamma-BHC (Lindane)	15.2	15.5	16.7	91.0	92.8	2.0	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	44.0	47.0	50	88.0	94.0		50-125	0		
Decachlorobiphenyl	47.7	48.5	50	95.4	97.1		46-142	0		

Organochlorine Pesticides Analysis

Lowney & Associates Oakland

Attn.: Tom McCloskey

167 Filbert Street

Oakland, CA 94607

Phone: (510) 267-1970 Fax: (510) 267-1972

Project: 1989-1B

Fande Ranch

Received: 05/11/2004 16:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-80	05/11/2004	Soil	41

Organochlorine Pesticides Analysis

Lowney & Associates Oakland

Attn.: Tom McCloskey

167 Filbert Street

Oakland, CA 94607

Phone: (510) 267-1970 Fax: (510) 267-1972

Project: 1989-1B

Fande Ranch

Received: 05/11/2004 16:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-80	Lab ID: 2004-05-0366 - 41
Sampled: 05/11/2004	Extracted: 5/14/2004 10:23
Matrix: Soil	QC Batch#: 2004/05/14-05.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	05/16/2004 12:53	
Dieldrin	24	10	ug/Kg	5.00	05/16/2004 12:53	
Endrin aldehyde	ND	10	ug/Kg	5.00	05/16/2004 12:53	
Endrin	26	10	ug/Kg	5.00	05/16/2004 12:53	
Endrin ketone	ND	10	ug/Kg	5.00	05/16/2004 12:53	
Heptachlor	ND	10	ug/Kg	5.00	05/16/2004 12:53	
Heptachlor epoxide	ND	10	ug/Kg	5.00	05/16/2004 12:53	
4,4'-DDT	64	10	ug/Kg	5.00	05/16/2004 12:53	
4,4'-DDE	210	10	ug/Kg	5.00	05/16/2004 12:53	
4,4'-DDD	ND	10	ug/Kg	5.00	05/16/2004 12:53	
Endosulfan I	ND	10	ug/Kg	5.00	05/16/2004 12:53	
Endosulfan II	ND	10	ug/Kg	5.00	05/16/2004 12:53	
alpha-BHC	ND	10	ug/Kg	5.00	05/16/2004 12:53	
beta-BHC	ND	10	ug/Kg	5.00	05/16/2004 12:53	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	05/16/2004 12:53	
delta-BHC	ND	10	ug/Kg	5.00	05/16/2004 12:53	
Endosulfan sulfate	ND	10	ug/Kg	5.00	05/16/2004 12:53	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	05/16/2004 12:53	
Toxaphene	710	180	ug/Kg	5.00	05/16/2004 12:53	
Chlordane (Technical)	ND	250	ug/Kg	5.00	05/16/2004 12:53	
alpha-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 12:53	
gamma-Chlordane	ND	10	ug/Kg	5.00	05/16/2004 12:53	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	106.4	50-125	%	5.00	05/16/2004 12:53	
Decachlorobiphenyl (Pest/8081)	119.0	46-142	%	5.00	05/16/2004 12:53	

Organochlorine Pesticides Analysis

Lowney & Associates Oakland

Attn.: Tom McCloskey

167 Filbert Street
Oakland, CA 94607

Phone: (510) 267-1970 Fax: (510) 267-1972

Project: 1989-1B
Fande Ranch

Received: 05/11/2004 16:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Method Blank

Soil

QC Batch # 2004/05/14-05.13

MB: 2004/05/14-05.13-001

Date Extracted: 05/14/2004 16:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	05/16/2004 08:21	
Dieldrin	ND	2.0	ug/Kg	05/16/2004 08:21	
Endrin aldehyde	ND	2.0	ug/Kg	05/16/2004 08:21	
Endrin	ND	2.0	ug/Kg	05/16/2004 08:21	
Endrin ketone	ND	2.0	ug/Kg	05/16/2004 08:21	
Heptachlor	ND	2.0	ug/Kg	05/16/2004 08:21	
Heptachlor epoxide	ND	2.0	ug/Kg	05/16/2004 08:21	
4,4`-DDT	ND	2.0	ug/Kg	05/16/2004 08:21	
4,4`-DDE	ND	2.0	ug/Kg	05/16/2004 08:21	
4,4`-DDD	ND	2.0	ug/Kg	05/16/2004 08:21	
Endosulfan I	ND	2.0	ug/Kg	05/16/2004 08:21	
Endosulfan II	ND	2.0	ug/Kg	05/16/2004 08:21	
alpha-BHC	ND	2.0	ug/Kg	05/16/2004 08:21	
beta-BHC	ND	2.0	ug/Kg	05/16/2004 08:21	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	05/16/2004 08:21	
delta-BHC	ND	2.0	ug/Kg	05/16/2004 08:21	
Endosulfan sulfate	ND	2.0	ug/Kg	05/16/2004 08:21	
4,4`-Methoxychlor	ND	2.0	ug/Kg	05/16/2004 08:21	
Toxaphene	ND	100	ug/Kg	05/16/2004 08:21	
Chlordane (Technical)	ND	50	ug/Kg	05/16/2004 08:21	
alpha-Chlordane	ND	2.0	ug/Kg	05/16/2004 08:21	
gamma-Chlordane	ND	2.0	ug/Kg	05/16/2004 08:21	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	103.3	50-125	%	05/16/2004 08:21	
Decachlorobiphenyl (Pest/8081)	110.9	46-142	%	05/16/2004 08:21	

Organochlorine Pesticides Analysis

Lowney & Associates Oakland

Attn.: Tom McCloskey

167 Filbert Street

Oakland, CA 94607

Phone: (510) 267-1970 Fax: (510) 267-1972

Project: 1989-1B

Fande Ranch

Received: 05/11/2004 16:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike

Soil

QC Batch # 2004/05/14-05.13

LCS 2004/05/14-05.13-002

Extracted: 05/14/2004

Analyzed: 05/16/2004 08:50

LCSD 2004/05/14-05.13-003

Extracted: 05/14/2004

Analyzed: 05/16/2004 09:19

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Aldrin	18.2	15.7	16.7	109.0	94.6	14.1	37-136	35		
Dieldrin	19.2	16.5	16.7	115.0	99.4	14.6	58-135	35		
Endrin	20.7	17.6	16.7	124.0	106.0	15.7	58-134	35		
Heptachlor	18.3	15.9	16.7	109.6	95.8	13.4	40-136	35		
4,4'-DDT	19.4	16.7	16.7	116.2	100.6	14.4	55-132	35		
gamma-BHC (Lindane)	18.0	15.9	16.7	107.8	95.8	11.8	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	54.9	47.6	50	109.8	95.2		50-125	0		
Decachlorobiphenyl	60.5	53.3	50	120.9	106.6		46-142	0		

Organochlorine Pesticides Analysis

Lowney & Associates Oakland
Attn.: Tom McCloskey

167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972

Project: 1989-1B
Fande Ranch

Received: 05/11/2004 16:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/05/14-05.13

AG-89 >> MS

Lab ID: 2004-05-0366 - 050

MS: 2004/05/14-05.13-004

Extracted: 05/14/2004

Analyzed: 05/16/2004 22:19

Dilution: 1.00

MSD: 2004/05/14-05.13-005

Extracted: 05/14/2004

Analyzed: 05/16/2004 22:44

Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Aldrin	14.8	15.8	ND	16.7	88.6	94.6	6.6	37-136	35		
Dieldrin	19.0	19.4	5.20	16.7	82.6	85.0	2.9	58-135	35		
Endrin	26.8	25.4	13.0	16.7	82.6	74.3	10.6	58-134	35		
Heptachlor	16.1	17.4	ND	16.7	96.4	104.2	7.8	40-136	35		
4,4'-DDT	30.0	26.7	18.0	16.7	71.9	52.1	31.9	55-132	35		mso
gamma-BHC (Lindane)	16.5	17.6	ND	16.7	98.8	105.4	6.5	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	42.9	46.5		50	85.7	93.0		50-125	0		
Decachlorobiphenyl	42.1	46.7		50	84.2	93.3		46-142	0		

CHAIN OF CUSTODY RECORD

2004-05-0366

Project Name: Tanoe

Job No.: 1999-13

Report To: Tom McCloskey

Sampler (print): Charles Mattia

Sampler (signature): CDL Mattia

Electronic Deliverable Format Required: YES NO

EDF LOGCODE: LAMV LAO LAF

Global ID #: _____

Turnaround Requirements:

5 Working Days

48 Hours

24 Hours

2-3 Hours RUSH

QC Requirement: Level A (standard)

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: <input type="checkbox"/> 8015/8021 <input type="checkbox"/> 8260	TPH as diesel (8015M) <input type="checkbox"/> add silica gel column <input type="checkbox"/> add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: <input type="checkbox"/> 8021 <input type="checkbox"/> 8260 <input type="checkbox"/> add BTEX	Organochlorine Pesticides (8081)	Metals: <input type="checkbox"/> As, Pb, Hg <input type="checkbox"/> 17 CAM <i>Please filter water samples before preserve</i>	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	Remarks
AG-40	5-10-04			Soil	1										
AG-41															
AG-42															
AG-43															
AG-44															
AG-45															
AG-46															
AG-47															
AG-47B	5-11-04														
AG-48	5-10-04														
AG-49															
AG-50															

Relinquished By: CDL Mattia Date: 5-11-04 Time: 16:45

Relinquished By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____

ANALYSES REQUESTED

please report R.L. for Toxaphene as low as possible !!

hold

PM Initial: _____

Temp: _____

Received By: _____ Date: 5/11/04 Time: 16:45

2004-05-0366

Mountain View Office
 405 Clyde Ave.
 Mountain View 94043
 Tel: 650.967.2365

Ukiah Office
 167 Filbert St.
 Ukiah 94607
 Tel: 510.267.1970
 Fax: 510.267.1972

Fullerton Office
 251 E. Imperial Hwy. #470
 Fullerton 92835
 Tel: 714.441.3090
 Fax: 714.441.3091

San Ramon Office
 2258 Camino Ramon
 San Ramon 94583
 Tel: 925.275.2555
 Fax: 925.275.2555

CHAIN OF CUSTODY RECORD

2004-05-0366

ANALYSES REQUESTED

Project Name: **Tenoe Ranch**

Job No.: **1989-13**

Report To: **Tom McCloskey**

Sampler (print): **Charles Mettler**

Sampler (signature): *Charles Mettler*

Electronic Deliverable Format Required: YES NO

EDF LOGCODE: LAMV LAO LAF

Global ID # :

Turnaround Requirements
 5 Working Days
 48 Hours
 24 Hours
 2-3 Hours RUSH

QC Requirement:
 Level A (standard)

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.
AG-51	8-10-04			SOIL	1
AG-52					
AG-53					
AG-54					
AG-55					
AG-56					
AG-57					
AG-58					
AG-59					
AG-60					
AG-61					
AG-62					

Relinquished By: **CEL HALL** Date: **5-11-04** Time: **16:45**

Relinquished By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____

Received By:	Date:	Time:	Temp:
Received By:	Date:	Time:	PM Initial:
Lab of Record:	Date:	Time:	Temp:
Received by Lab:	Date: 5/11/04	Time: 16:45	2

Remarks: **please report R.L. for Toxaphene as low as possible !!**

LOWNEY ASSOCIATES

Environmental / Geotechnical / Engineering Services

Mountain View Office
405 Clyde Ave.
Mountain View 94043
Tel: 650.967.2365

Oakland Office
167 Filbert St.
Oakland 94607
Tel: 510.267.1970

Fullerton Office
251 E. Imperial Hwy. #470
Fullerton 92835
Tel: 714.441.3090

San Ramon Office
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555

CHAIN OF CUSTODY RECORD

2004-05-036

85736

Project Name: Trance Turnaround Requirements: 5 Working Days

Job No.: 1989-13 48 Hours

Report To: Tom McCloskey 24 Hours

Sampler (print): Charles Mettler 2-3 Hours RUSH

Sampler (signature): CDL Mettler

Electronic Deliverable Format Required: YES NO

EDF LOGCODE: LAMV LAO LAF

Global ID #: _____ QC Requirement: Level A (standard)

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: <input type="checkbox"/> 8015/8021 <input type="checkbox"/> 8260	TPH as diesel (8015M) <input type="checkbox"/> add silica gel column <input type="checkbox"/> add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: <input type="checkbox"/> 8021 <input type="checkbox"/> 8260 <input type="checkbox"/> add BTEX	Organochlorine Pesticides (8081)	Metals: <input type="checkbox"/> As, Pb, Hg <input type="checkbox"/> 17 CAM <i>Please filter water samples before preserve</i>	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	Remarks
AG-63	5-10-04			soil	1										
AG-64															
AG-65															
AG-66															
AG-67															
AG-68															
AG-69															
AG-70	5-11-04														
AG-72															
AG-73															
AG-74															
AG-75															

Relinquished By: CDL Mettler Date: 5-11-04 Time: 16:45 Received By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____

Temp: _____ PM Initial: _____

please report lowest RL for Toxaphene possible !!

CHAIN OF CUSTODY RECORD

2004-05-03-66

Project Name: Faroe Ranch

Job No.: 1999-13

Report To: Tom McElsker

Sampler (print): Charles Motta

Sampler (signature): CE MALL

Electronic Deliverable Format Required: YES NO

EDF LOGCODE: LAMV LAO LAF

Global ID #: _____

Turnaround Requirements
 5 Working Days
 48 Hours
 24 Hours
 2-3 Hours RUSH

QC Requirement:
 Level A (standard)

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: <input type="checkbox"/> 8015/8021 <input type="checkbox"/> 8260	TPH as diesel (8015M) <input type="checkbox"/> add silica gel column <input type="checkbox"/> add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: <input type="checkbox"/> 8021 <input type="checkbox"/> 8260 <input type="checkbox"/> add BTEX	Organochlorine Pesticides (8081)	Metals: <input type="checkbox"/> As, Pb, Hg <input type="checkbox"/> 17 CAM <i>Please filter water samples before preserve</i>	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	Remarks
AG-76	5-11-04			SOIL	1					✓					
AG-77										✓					
AG-78										✓					
AG-79										✓					
AG-80										✓					
AG-81										✓					
AG-81B										✓					
AG-82										✓					
AG-83										✓					
AG-84										✓					
AG-85										✓					
AG-87										✓					

Relinquished By: CE MALL Date: 5-11-04 Time: 16:45

Relinquished By: _____ Date: _____ Time: _____

Relinquished By: _____ Date: _____ Time: _____

ANALYSES REQUESTED

please report RL for
 Toxaphene as low as
 possible!!

PM Initial:

Temp: 20°C

Received By: [Signature] Date: 5/11/04 Time: 1645

Received by Lab: [Signature] Date: 5/11/04 Time: 1645

Received by Lab: [Signature] Date: 5/11/04 Time: 1645

CHAIN OF CUSTODY RECORD

2004-05-0360

Project Name: Tamoe Ranch

Job No.: 1999-13

Report To: Tom McCloskey

Sampler (print): Charles Mether

Sampler (signature): CLM Mether

Electronic Deliverable Format Required: YES NO

EDF LOGCODE: LAMV LAO LAF

Global ID #: _____

Turnaround Requirements

5 Working Days

48 Hours

24 Hours

2-3 Hours RUSH

QC Requirement: Level A (standard)

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	TPH as gas/BTEX/MTBE Method: <input type="checkbox"/> 8015/8021 <input type="checkbox"/> 8260	TPH as diesel (8015M) <input type="checkbox"/> add silica gel column <input type="checkbox"/> add Oil Range	TRPH (418.1) with silica gel column	Halogenated VOCs (former 8010 list) Method: <input type="checkbox"/> 8021 <input type="checkbox"/> 8260 <input type="checkbox"/> add BTEX	Organochlorine Pesticides (8081)	Metals: <input type="checkbox"/> As, Pb, Hg <input type="checkbox"/> 17 CAM <i>Please filter water samples before preserve</i>	Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260	PAHs (8310)	PCBs (8082)	Remarks
AG-88	5-11-04			Soil	1					✓					
AG-90										✓					
AG-91										✓					
AG-92										✓					
AG-93										✓					
Relinquished By: <u>CLM Mether</u>	Date: <u>5-11-04</u>	Time: <u>16:45</u>	Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:	Temp: <u>0 C</u>
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:	Received By:	Date:	Time:	Temp: <u>0 C</u>

please report lowest RL for Toxaphene possible.

CLM Mether Date: 5/11/04 Time: 1645

page 15

Lowney Associates San Ramon

March 16, 2004

2258 Camino Ramon
San Ramon, CA 94583
Attn.: Tom McCloskey
Project#: 1989-1B
Project: Fanoë Ranch

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoë Ranch

Received: 02/13/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AS-1A,B,C,D	02/12/2004	Soil	1

Attached is our report for your samples received on 02/13/2004 00:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/29/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Severn Trent Laboratories, Inc.
STL San Francisco • 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 • www.stl-inc.com • CA DHS ELAP# 2496

Page 1 of 1

Severn Trent Laboratories, Inc.
STL San Francisco • 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 • www.stl-inc.com • CA DHS ELAP# 2496

03/15/2004 18:08

Page 1 of 5

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoë Ranch

Received 02/13/2004

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AS-1A,B,C,D Lab ID: 2004-03-0244 - 1
Sampled: 02/12/2004 Extracted: 3/8/2004 18:31
Matrix: Soil QC Batch#: 2004/03/08-01.13
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Dieldrin	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Endrin aldehyde	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Endrin	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Endrin ketone	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Heptachlor	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Heptachlor epoxide	ND	10	ug/Kg	5.00	03/11/2004 05:28	
4,4'-DDT	26	10	ug/Kg	5.00	03/11/2004 05:28	
4,4'-DDE	31	10	ug/Kg	5.00	03/11/2004 05:28	
4,4'-DDD	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Endosulfan I	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Endosulfan II	12	10	ug/Kg	5.00	03/11/2004 05:28	
alpha-BHC	ND	10	ug/Kg	5.00	03/11/2004 05:28	
beta-BHC	ND	10	ug/Kg	5.00	03/11/2004 05:28	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	03/11/2004 05:28	
delta-BHC	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Endosulfan sulfate	14	10	ug/Kg	5.00	03/11/2004 05:28	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Toxaphene	ND	250	ug/Kg	5.00	03/11/2004 05:28	
Chlordane (Technical)	ND	250	ug/Kg	5.00	03/11/2004 05:28	
alpha-Chlordane	ND	10	ug/Kg	5.00	03/11/2004 05:28	
gamma-Chlordane	ND	10	ug/Kg	5.00	03/11/2004 05:28	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.9	50-125	%	5.00	03/11/2004 05:28	
Decachlorobiphenyl (Pest/8081)	137.9	46-142	%	5.00	03/11/2004 05:28	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoë Ranch

Received: 02/13/2004

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/03/08-01.13
MB: 2004/03/08-01.13-001 Date Extracted: 03/08/2004 18:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	03/11/2004 22:38	
Dieldrin	ND	2.0	ug/Kg	03/11/2004 22:38	
Endrin aldehyde	ND	2.0	ug/Kg	03/11/2004 22:38	
Endrin	ND	2.0	ug/Kg	03/11/2004 22:38	
Endrin ketone	ND	2.0	ug/Kg	03/11/2004 22:38	
Heptachlor	ND	2.0	ug/Kg	03/11/2004 22:38	
Heptachlor epoxide	ND	2.0	ug/Kg	03/11/2004 22:38	
4,4'-DDT	ND	2.0	ug/Kg	03/11/2004 22:38	
4,4'-DDE	ND	2.0	ug/Kg	03/11/2004 22:38	
4,4'-DDD	ND	2.0	ug/Kg	03/11/2004 22:38	
Endosulfan I	ND	2.0	ug/Kg	03/11/2004 22:38	
Endosulfan II	ND	2.0	ug/Kg	03/11/2004 22:38	
alpha-BHC	ND	2.0	ug/Kg	03/11/2004 22:38	
beta-BHC	ND	2.0	ug/Kg	03/11/2004 22:38	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	03/11/2004 22:38	
delta-BHC	ND	2.0	ug/Kg	03/11/2004 22:38	
Endosulfan sulfate	ND	2.0	ug/Kg	03/11/2004 22:38	
4,4'-Methoxychlor	ND	2.0	ug/Kg	03/11/2004 22:38	
Toxaphene	ND	100	ug/Kg	03/11/2004 22:38	
Chlordane (Technical)	ND	50	ug/Kg	03/11/2004 22:38	
alpha-Chlordane	ND	2.0	ug/Kg	03/11/2004 22:38	
gamma-Chlordane	ND	2.0	ug/Kg	03/11/2004 22:38	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	98.5	50-125	%	03/11/2004 22:38	
Decachlorobiphenyl (Pest/8081)	90.5	46-142	%	03/11/2004 22:38	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil **QC Batch # 2004/03/08-01.13**
LCS 2004/03/08-01.13-002 Extracted: 03/08/2004 Analyzed: 03/11/2004 23:09
LCSD 2004/03/08-01.13-003 Extracted: 03/08/2004 Analyzed: 03/11/2004 23:41

Compound	Conc. ug/Kg		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Aldrin	15.0	13.3	16.5	90.9	80.1	12.6	37-136	35	
Dieldrin	15.0	16.4	16.5	90.9	98.8	8.3	58-135	35	
Endrin	14.7	13.9	16.5	89.1	83.7	6.3	58-134	35	
Heptachlor	15.1	16.3	16.5	91.5	98.2	7.1	40-136	35	
4,4'-DDT	13.7	15.8	16.5	83.0	95.2	13.7	55-132	35	
gamma-BHC (Lindane)	15.3	16.3	16.5	92.7	98.2	5.8	37-137	35	
Surrogates(s)									
2,4,5,6-Tetrachloro-m-xylene	46.8	49.5	50	93.7	98.9		50-125	0	
Decachlorobiphenyl	46.1	49.4	50	92.2	98.9		46-142	0	

Legend and Notes

Analysis Flag

HT
Extracted out of holding time

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/15/2004 18:08

Page 4 of 5

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/15/2004 18:08

Page 5 of 5

Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AS-1A,B,C,D	02/12/2004	Soil	1

Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004

Prep(s): 3050B Test(s): 6010B
7471A 7471A
Sample ID: AS-1A,B,C,D Lab ID: 2004-03-0244 - 1
Sampled: 02/12/2004 Extracted: 3/8/2004 14:01
3/9/2004 17:09
Matrix: Soil QC Batch#: 2004/03/08-08.15
2004/03/09-01.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	03/09/2004 23:02	
Lead	4.4	1.0	mg/Kg	1.00	03/09/2004 23:02	
Mercury	ND	0.050	mg/Kg	1.00	03/10/2004 08:26	

Metals

Lowrey Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004

Batch QC Report

Prep(s): 3050B Test(s): 6010B
Method Blank Soil QC Batch # 2004/03/08-08.15
MB: 2004/03/08-08.15-025 Date Extracted: 03/09/2004 14:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	03/09/2004 20:53	
Lead	ND	1.0	mg/Kg	03/09/2004 20:53	

Metals

Lowrey Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004

Batch QC Report

Prep(s): 7471A Test(s): 7471A
Method Blank Soil QC Batch # 2004/03/09-01.16
MB: 2004/03/09-01.16-011 Date Extracted: 03/09/2004 17:09

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	03/10/2004 08:23	

Metals

Lowrey Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004

Batch QC Report

Prep(s): 3050B Test(s): 6010B

Laboratory Control Spike Soil QC Batch # 2004/03/08-08.15
LCS 2004/03/08-08.15-025 Extracted: 03/09/2004 Analyzed: 03/09/2004 20:58
LCSD 2004/03/08-08.15-029 Extracted: 03/09/2004 Analyzed: 03/09/2004 21:12

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Crtl. Limits %		Flags
	LCS	LCSD		LCS	LCSD		%	Rec.	
Arsenic	97.2	95.0	100.0	97.2	95.0	2.3	80-120	20	
Lead	93.5	92.0	100.0	93.5	92.0	1.6	80-120	20	

Metals

Lowrey Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004

Batch QC Report

Prep(s): 7471A Test(s): 7471A

Laboratory Control Spike Soil QC Batch # 2004/03/09-01.16
LCS 2004/03/09-01.16-012 Extracted: 03/09/2004 Analyzed: 03/10/2004 08:24
LCSD 2004/03/09-01.16-013 Extracted: 03/09/2004 Analyzed: 03/10/2004 08:25

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Crtl. Limits %		Flags
	LCS	LCSD		LCS	LCSD		%	Rec.	
Mercury	0.510	0.522	0.500	102.0	104.4	2.3	85-115	20	

Salimpour, Afsaneh

From: Vincent
Sent: Monday, March 08 2004 9:51 AM
To: Salimpour, Afsaneh
Subject: FW: Fanoie Ranch, additional analysis

SEVERN
TRENT

STL

2004-03-0244

STL San Francisco
ADD ON/CHANGE
ORDER

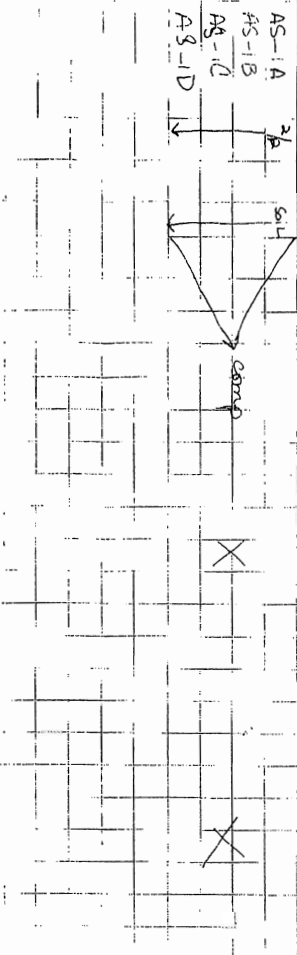
New Submission No
Reference No. 2044

ORIGINAL SUBMISSION INFORMATION

Client Name: 2004-03-0244
Project Name: Fanoie Ranch
Project Manager: Tom McCloskey

Project No.: 1989-1B
Date Received: 2/13/04
Submission No: 2004-02-0187

Sample ID
AS-1A
AS-1B
AS-1C
AS-1D



ANALYSIS REQUEST

Name of Caller: 3/8/04 Charles
Call Date: 3/8/04
Add on Due Date: 5 days

SHL TO:
Attn: _____
Comments: _____

SEVERN
TRENT STL

Submission #: 2004-03-0336

SEVERN
TRENT STL

Submission #: 2004-03-0336

Organochlorine Pesticides Analysis

Lowney & Associates Oakland
167 Filbert Street
Oakland, CA 94607
Attn: Tom McCloskey
Project#: 1989-1B
Project: Fanoie Ranch

March 15, 2004

Lowney & Associates Oakland
Attn: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoie Ranch

Received: 03/10/2004 17:20

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AS-2(A-D) COMPOSITE	03/10/2004	Soil	1

Attached is our report for your samples received on 03/10/2004 17:20
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 04/24/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour

Afsaneh Salimpour
Project Manager

Organochlorine Pesticides Analysis

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AS-2(A-D) COMPOSITE Lab ID: 2004-03-0336 - 1
Sampled: 03/10/2004 Extracted: 3/11/2004 10:18
Matrix: Soil QC Batch#: 2004/03/11-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
Dieldrin	2.8	2.0	ug/Kg	1.00	03/12/2004 01:45	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
Endrin	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
Endrin ketone	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
Heptachlor	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
4,4'-DDT	8.2	2.0	ug/Kg	1.00	03/12/2004 01:45	
4,4'-DDE	44	2.0	ug/Kg	1.00	03/12/2004 01:45	
4,4'-DDD	4.3	2.0	ug/Kg	1.00	03/12/2004 01:45	
Endosulfan I	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
Endosulfan II	2.3	2.0	ug/Kg	1.00	03/12/2004 01:45	
alpha-BHC	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
beta-BHC	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
delta-BHC	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
Endosulfan sulfate	2.3	2.0	ug/Kg	1.00	03/12/2004 01:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
Toxaphene	ND	100	ug/Kg	1.00	03/12/2004 01:45	
Chlordane (Technical)	ND	50	ug/Kg	1.00	03/12/2004 01:45	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	03/12/2004 01:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	88.3	50-125	%	1.00	03/12/2004 01:45	
Decachlorobiphenyl (Pest/8081)	66.0	46-142	%	1.00	03/12/2004 01:45	

Organochlorine Pesticides Analysis

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Batch QC Report
Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/03/11-01.13
MB: 2004/03/11-01.13-001 Date Extracted: 03/11/2004 10:18

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	03/12/2004 00:12	
Dieldrin	ND	2.0	ug/Kg	03/12/2004 00:12	
Endrin aldehyde	ND	2.0	ug/Kg	03/12/2004 00:12	
Endrin	ND	2.0	ug/Kg	03/12/2004 00:12	
Endrin ketone	ND	2.0	ug/Kg	03/12/2004 00:12	
Heptachlor	ND	2.0	ug/Kg	03/12/2004 00:12	
Heptachlor epoxide	ND	2.0	ug/Kg	03/12/2004 00:12	
4,4'-DDT	ND	2.0	ug/Kg	03/12/2004 00:12	
4,4'-DDE	ND	2.0	ug/Kg	03/12/2004 00:12	
4,4'-DDD	ND	2.0	ug/Kg	03/12/2004 00:12	
Endosulfan I	ND	2.0	ug/Kg	03/12/2004 00:12	
Endosulfan II	ND	2.0	ug/Kg	03/12/2004 00:12	
alpha-BHC	ND	2.0	ug/Kg	03/12/2004 00:12	
beta-BHC	ND	2.0	ug/Kg	03/12/2004 00:12	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	03/12/2004 00:12	
delta-BHC	ND	2.0	ug/Kg	03/12/2004 00:12	
Endosulfan sulfate	ND	2.0	ug/Kg	03/12/2004 00:12	
4,4'-Methoxychlor	ND	2.0	ug/Kg	03/12/2004 00:12	
Toxaphene	ND	100	ug/Kg	03/12/2004 00:12	
Chlordane (Technical)	ND	50	ug/Kg	03/12/2004 00:12	
alpha-Chlordane	ND	2.0	ug/Kg	03/12/2004 00:12	
gamma-Chlordane	ND	2.0	ug/Kg	03/12/2004 00:12	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	87.1	50-125	%	03/12/2004 00:12	
Decachlorobiphenyl (Pest/8081)	83.9	46-142	%	03/12/2004 00:12	

Organochlorine Pesticides Analysis

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2004/03/11-01.13

LCS 2004/03/11-01.13-002 Extracted: 03/11/2004 Analyzed: 03/12/2004 00:43
LCSD 2004/03/11-01.13-003 Extracted: 03/11/2004 Analyzed: 03/12/2004 01:14

Compound	Conc.		Exp.Conc.	Recovery %			RPD		Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD	
Aldrin	16.8	15.0	16.6	101.2	90.4	11.3	37-136	35			
Dieldrin	16.6	14.8	16.6	100.0	89.2	11.4	58-135	35			
Endrin	16.7	14.6	16.6	100.6	88.0	13.4	58-134	35			
Heptachlor	16.6	14.9	16.6	100.0	89.8	10.7	40-136	35			
4,4'-DDT	15.4	13.8	16.6	92.8	83.1	11.0	55-132	35			
gamma-BHC (Lindane)	16.7	14.9	16.6	100.6	99.6	11.3	37-137	35			
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	48.2	42.7	50	91.3	85.5		50-125	0			
Decachlorobiphenyl	49.0	45.0	50	91.0	90.0		46-142	0			

Total Lead

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
DD-16	03/10/2003	Soil	2
DD-17	03/10/2003	Soil	3
DD-18	03/10/2003	Soil	4
DD-19	03/10/2003	Soil	5
DD-20	03/10/2003	Soil	6

Total Lead

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Prep(s): 3050B Test(s): 6010B
Sample ID: DD-16 Lab ID: 2004-03-0336 - 2
Sampled: 03/10/2003 Extracted: 3/11/2004 12:52
Matrix: Soil QC Batch#: 2004/03/11-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	6.1	1.0	mg/Kg	1.00	03/12/2004 07:09	

Total Lead

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Prep(s): 3050B Test(s): 6010B
Sample ID: DD-17 Lab ID: 2004-03-0336 - 3
Sampled: 03/10/2003 Extracted: 3/11/2004 12:52
Matrix: Soil QC Batch#: 2004/03/11-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	3.1	1.0	mg/Kg	1.00	03/12/2004 07:21	

Total Lead

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Prep(s): 3050B Test(s): 6010B
Sample ID: DD-18 Lab ID: 2004-03-0336 - 4
Sampled: 03/10/2003 Extracted: 3/11/2004 12:52
Matrix: Soil QC Batch#: 2004/03/11-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	2.3	1.0	mg/Kg	1.00	03/12/2004 07:24	

Total Lead

Lowney & Associates Oakland
Attn. Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Prep(s): 3050B Test(s): 6010B
Sample ID: DD-19 Lab ID: 2004-03-0336 - 5
Sampled: 03/10/2003 Extracted: 3/11/2004 12:52
Matrix: Soil QC Batch#: 2004/03/11-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	3.5	1.0	mg/Kg	1.00	03/12/2004 07:28	

Total Lead

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Prep(s): 3050B Test(s): 6010B
Sample ID: DD-20 Lab ID: 2004-03-0336 - 6
Sampled: 03/10/2003 Extracted: 3/11/2004 12:52
Matrix: Soil QC Batch#: 2004/03/11-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	140	1.0	mg/Kg	1.00	03/12/2004 07:44	

Total Lead

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Batch QC Report

Prep(s): 3050B Test(s): 6010B
Method Blank Soil QC Batch # 2004/03/11-03.15
MB: 2004/03/11-03.15-012 Date Extracted: 03/11/2004 12:52

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	03/12/2004 06:50	

Total Lead

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Batch QC Report

Prep(s): 3050B Test(s): 6010B
Laboratory Control Spike Soil QC Batch # 2004/03/11-03.15

LCS 2004/03/11-03.15-013 Extracted: 03/11/2004 Analyzed: 03/12/2004 06:58
LCSD 2004/03/11-03.15-014 Extracted: 03/11/2004 Analyzed: 03/12/2004 07:02

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags
	LCS	LCSD		LCS	LCSD		% Rec	RPD	
Lead	99.6	96.8	100.0	99.6	96.8	2.9	80-120	20	

Total Lead

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Batch QC Report

Prep(s): 3050B Test(s): 6010B
Matrix Spike (MS / MSD) Soil QC Batch # 2004/03/11-03.15

DD-16 >> MS Lab ID: 2004-03-0336 - 002
MS: 2004/03/11-03.15-017 Extracted: 03/11/2004 Analyzed: 03/12/2004 07:14
MSD: 2004/03/11-03.15-018 Extracted: 03/11/2004 Analyzed: 03/12/2004 07:18
Dilution 1.00
Dilution 1.00

Compound	Conc. mg/Kg		Spk. Level	Recovery %		Limits %		Flags		
	MS	MSD		MS	MSD	RPD	Rec.		RPD	MS
Lead	87.8	87.1	6.12	99.0	82.5	82.6	0.1	75-125	20	

Metals

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AS-2(A-D) COMPOSITE	03/10/2004	Soil	1

Metals

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Prep(s): 3050B 7471A	Test(s): 6010B 7471A
Sample ID: AS-2(A-D) COMPOSITE	Lab ID: 2004-03-0336 - 1
Sampled: 03/10/2004	Extracted: 3/11/2004 12:52 3/11/2004 12:55
Matrix: Soil	QC Batch#: 2004/03/11-03.15 2004/03/11-04.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.9	1.0	mg/Kg	1.00	03/12/2004 07:06	
Lead	5.0	1.0	mg/Kg	1.00	03/12/2004 07:06	
Mercury	ND	0.050	mg/Kg	1.00	03/15/2004 14:24	

Metals

Lowney & Associates Oakland
Attn. Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Batch QC Report

Prep(s): 3050B
Method Blank
MB: 2004/03/11-03 15-012

Soil

Test(s): 6010B
QC Batch # 2004/03/11-03.15
Date Extracted: 03/11/2004 12:52

Compound	Conc.	RL	Unit	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	03/12/2004 06:50	
Lead	ND	1.0	mg/Kg	03/12/2004 06:50	

Metals

Lowney & Associates Oakland
Attn: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2004/03/11-04.16-069

Soil

Test(s): 7471A
QC Batch # 2004/03/11-04.16
Date Extracted: 03/11/2004 12:55

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	03/15/2004 14:21	

Metals

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Batch QC Report

Prep(s): 3050B Test(s): 6010B

Laboratory Control Spike Soil QC Batch # 2004/03/11-03-15

LCS 2004/03/11-03-15-013 Extracted: 03/11/2004 Analyzed: 03/12/2004 06:50

LCSD 2004/03/11-03-15-014 Extracted: 03/11/2004 Analyzed: 03/12/2004 07:02

Compound	Conc.		mg/Kg	Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD			LCS	LCSD		% Rec.	RPD	
Arsenic	112	108	100.0	112.0	108.0	3.6	80-120	20		
Lead	99.6	96.8	100.0	99.6	96.8	2.9	80-120	20		

Metals

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoe Ranch

Received: 03/10/2004 17:20

Batch QC Report

Prep(s): 7471A Test(s): 7471A

Laboratory Control Spike Soil QC Batch # 2004/03/11-04-16

LCS 2004/03/11-04-16-070 Extracted: 03/11/2004 Analyzed: 03/15/2004 14:22

LCSD 2004/03/11-04-16-071 Extracted: 03/11/2004 Analyzed: 03/15/2004 14:23

Compound	Conc.		mg/Kg	Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD			LCS	LCSD		% Rec.	RPD	
Mercury	0.498	0.500	0.500	99.6	100.0	0.4	85-115	20		

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS EI APE 2496

03/15/2004 15:30

Page 5 of 6

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/15/2004 15:30

Page 6 of 6



Forensic Analytical

Final Report

Bulk Asbestos Analysis
(EPA Method 600/R-93-116, Visual Area Estimation)

STL San Francisco
Afsaneh Salimpour
1220 Quarry Ln
Pleasanton, CA 94566-4756

Client ID: 2595
Report Number: B058984
Date Received: 03/11/04
Date Analyzed: 03/15/04
Date Printed: 03/15/04
First Reported: 03/15/04

Job ID / Site: 2004-03-0336 - Fanoe Ranch

FASI Job ID: 2595-450

Sample Number	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
DD-16	10306581						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							
DD-17	10306582						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							
DD-18	10306583						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							
DD-19	10306584						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							
DD-20	10306585						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							



Forensic Analytical

Final Report

Bulk Asbestos Analysis
(EPA Method 600/R-93-116, Visual Area Estimation)

STL San Francisco
Afsaneh Salimpour
1220 Quarry Ln
Pleasanton, CA 94566-4756

Client ID: 2595
Report Number: B058984
Date Received: 03/11/04
Date Analyzed: 03/15/04
Date Printed: 03/15/04
First Reported: 03/15/04

Job ID / Site: 2004-03-0336 - Fanoe Ranch

FASI Job ID: 2595-450

Sample Number	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
DD-16	10306581						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							
DD-17	10306582						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							
DD-18	10306583						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							
DD-19	10306584						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							
DD-20	10306585						
Layer: Brown Soil		ND					
Total Composite Values of Fibrous Components:		Asbestos:(ND)					
Cellulose (Trace%)							
Comment: Collected on 03/10/2004							

James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 1%. Trace denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'. Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the samples tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. This report must not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

From: STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

To: Forensic Analytical - SUB CONTRACT ONLY
3777 Depot Road
Hayward, CA 94545

Project Manager: Afsaneh Salimpour
Phone: (925) 484-1919
Ext: 107
Fax: (925) 484-1096
Email: asalimpour@stl-inc.com

Phone: (510) 887-8828
Ext: (510) 887-4218
Contact: Christine Wall
Phone: (510) 887-8828
Ext:

CL Submission #: 2004-03-0336
CL PO #:

Project #: 1989-1B
Project Name: Fanceo Ranch

Client Sample ID	CL#	Sampled	Matrix	Method	TAT
DD-16	2	3/10/2003 12:00:00AM	Soil		5 Day
Subcontract - Asbestos					
DD-17	3	3/10/2003 12:00:00AM	Soil		5 Day
Subcontract - Asbestos					
DD-18	4	3/10/2003 12:00:00AM	Soil		5 Day
Subcontract - Asbestos					
DD-19	5	3/10/2003 12:00:00AM	Soil		5 Day
Subcontract - Asbestos					
DD-20	6	3/10/2003 12:00:00AM	Soil		5 Day
Subcontract - Asbestos					

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature _____ Time _____	Signature _____ Time _____	Signature _____ Time _____
Printed Name _____ Date _____	Printed Name _____ Date _____	Printed Name _____ Date _____
Company _____	Company _____	Company _____
RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature _____ Time _____	Signature _____ Time _____	Signature _____ Time _____
Printed Name _____ Date _____	Printed Name _____ Date _____	Printed Name _____ Date _____
Company _____	Company _____	Company _____

LOWNEY ASSOCIATES
CHAIN OF CUSTODY RECORD

Project Name: Fanceo Ranch
Project #: 1989-1B

Sample Location: 48 Hours
Sample Size: 2.5 Hours RUSH

EDF LOG CODE: LAMV LLAO LAF

QC Requirement: YES NO
Global ID #:

Sample ID: (Field Entry)

Analysis Requested:

- TRPH: 418-13 with silicon gel column
- Halogenated VOCs (for per 8010 test): Method: DRO? IR200 Class: BTEX
- Organic Nitrogen Pesticides (808)
- Metals: (As, Pb, Hg) C17 CAM
- Fuel Oxygenates (HTBI, TAME, TAIB, DIPC, TBA, 1,2 DCA, etc EDB) by 8260
- PAHs (8310)
- PCBs (8082)

Remarks: Pb only Asbestos

Project Management [Routing for Instruction of Indicated discrepancy(ies)]

Project Manager (Initials) _____ Date _____

Project contacted Yes No

Project Manager (Initials) _____ Date _____

Project Management [Routing for Instruction of Indicated discrepancy(ies)]

Comments:

For any item check listed "No", provided detail of discrepancy in comment section below

pH adjusted - Preservative used HNO₃ HCl H₂SO₄ NaOH ZnOAc (let list)

Water - pH acceptable upon receipt? Yes No

If bubble is present, refer to appropriate bubble size and reagent in comments as S (small) - O (medium) - L (large) -

Water - DCA vials have zero headspace?

Water - DCA vials have zero headspace?

Container/Terminal Blank temperature in compliance (47°C ± 2)?

All samples received within holding time?

Sufficient sample volume for indicated test?

Sample containers intact?

Samples in proper containers/bottles?

Number of custody agrees with sample labels?

Chain of custody signed when relinquished and received?

Chain of custody present?

Custody seals intact on sampling container/samples?

Custodian name: STL San Francisco Client

Checklist completed by (Initials) _____ Date: 03/11/04

Submission #: 2004-03-0336

Sample Receipt Checklist

STL San Francisco

Submission#: 2004-02-0376

February 20, 2004

Lowney Associates San Ramon
2258 Camino Ramon
San Ramon, CA 94583
Attn: Tom McCloskey
Project#: 1989-1B
Project: Fanceo Ranch

Attached is our report for your samples received on 02/11/2004 15:59
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/27/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour

Afsaneh Salimpour
Project Manager

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
ST-1 0-1/2	02/09/2004	Soil	20
ST-2 0-1/2	02/09/2004	Soil	22
ST-3 0-1/2	02/09/2004	Soil	24
ST-4 0-1/2	02/09/2004	Soil	26
ST-5 0-1/2	02/09/2004	Soil	28
ST-6 0-1/2	02/09/2004	Soil	30
ST-7 0-1/2	02/09/2004	Soil	32
ST-8 0-1/2	02/09/2004	Soil	34
ST-9 0-1/2	02/09/2004	Soil	36
ST-10 0-1/2	02/09/2004	Soil	38

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-1 0-1/2 Lab ID: 2004-02-0376 - 20
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	02/12/2004 22:05	
Chromium	23	1.0	mg/Kg	1.00	02/12/2004 22:05	
Lead	3.6	1.0	mg/Kg	1.00	02/12/2004 22:05	
Nickel	28	1.0	mg/Kg	1.00	02/12/2004 22:05	
Zinc	26	1.0	mg/Kg	1.00	02/12/2004 22:05	

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-2 0-1/2 Lab ID: 2004-02-0376 - 22
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	0.53	0.50	mg/Kg	1.00	02/12/2004 22:27	
Chromium	24	1.0	mg/Kg	1.00	02/12/2004 22:27	
Lead	11	1.0	mg/Kg	1.00	02/12/2004 22:27	
Nickel	30	1.0	mg/Kg	1.00	02/12/2004 22:27	
Zinc	39	1.0	mg/Kg	1.00	02/12/2004 22:27	

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-3 0-1/2 Lab ID: 2004-02-0376 - 24
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	02/12/2004 22:31	
Chromium	32	1.0	mg/Kg	1.00	02/12/2004 22:31	
Lead	8.0	1.0	mg/Kg	1.00	02/12/2004 22:31	
Nickel	47	1.0	mg/Kg	1.00	02/12/2004 22:31	
Zinc	51	1.0	mg/Kg	1.00	02/12/2004 22:31	

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-4 0-1/2 Lab ID: 2004-02-0376 - 26
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	02/12/2004 22:34	
Chromium	14	1.0	mg/Kg	1.00	02/12/2004 22:34	
Lead	4.1	1.0	mg/Kg	1.00	02/12/2004 22:34	
Nickel	8.0	1.0	mg/Kg	1.00	02/12/2004 22:34	
Zinc	25	1.0	mg/Kg	1.00	02/12/2004 22:34	

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-5 0-1/2 Lab ID: 2004-02-0376 - 28
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	02/12/2004 22:37	
Chromium	17	1.0	mg/Kg	1.00	02/12/2004 22:37	
Lead	4.4	1.0	mg/Kg	1.00	02/12/2004 22:37	
Nickel	12	1.0	mg/Kg	1.00	02/12/2004 22:37	
Zinc	31	1.0	mg/Kg	1.00	02/12/2004 22:37	

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-6 0-1/2 Lab ID: 2004-02-0376 - 30
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	02/12/2004 22:41	
Chromium	14	1.0	mg/Kg	1.00	02/12/2004 22:41	
Lead	4.1	1.0	mg/Kg	1.00	02/12/2004 22:41	
Nickel	7.9	1.0	mg/Kg	1.00	02/12/2004 22:41	
Zinc	22	1.0	mg/Kg	1.00	02/12/2004 22:41	

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-7 0-1/2 Lab ID: 2004-02-0376 - 32
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	02/12/2004 22:44	
Chromium	20	1.0	mg/Kg	1.00	02/12/2004 22:44	
Lead	4.5	1.0	mg/Kg	1.00	02/12/2004 22:44	
Nickel	13	1.0	mg/Kg	1.00	02/12/2004 22:44	
Zinc	43	1.0	mg/Kg	1.00	02/12/2004 22:44	

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-8 0-1/2 Lab ID: 2004-02-0376 - 34
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	02/12/2004 22:47	
Chromium	12	1.0	mg/Kg	1.00	02/12/2004 22:47	
Lead	3.5	1.0	mg/Kg	1.00	02/12/2004 22:47	
Nickel	6.6	1.0	mg/Kg	1.00	02/12/2004 22:47	
Zinc	20	1.0	mg/Kg	1.00	02/12/2004 22:47	

LUFT 5 Metals

Lowney Associates San Ramon
Attn. Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-9 0-1/2 Lab ID: 2004-02-0376 - 36
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	0.51	0.50	mg/Kg	1.00	02/12/2004 22:51	
Chromium	27	1.0	mg/Kg	1.00	02/12/2004 22:51	
Lead	6.8	1.0	mg/Kg	1.00	02/12/2004 22:51	
Nickel	38	1.0	mg/Kg	1.00	02/12/2004 22:51	
Zinc	33	1.0	mg/Kg	1.00	02/12/2004 22:51	

LUFT 5 Metals

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3050B Test(s): 6010B
Sample ID: ST-10 0-1/2 Lab ID: 2004-02-0376 - 38
Sampled: 02/09/2004 Extracted: 2/12/2004 11:21
Matrix: Soil QC Batch#: 2004/02/12-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	1.00	02/12/2004 22:54	
Chromium	27	1.0	mg/Kg	1.00	02/12/2004 22:54	
Lead	6.7	1.0	mg/Kg	1.00	02/12/2004 22:54	
Nickel	15	1.0	mg/Kg	1.00	02/12/2004 22:54	
Zinc	57	1.0	mg/Kg	1.00	02/12/2004 22:54	

LUFT 5 Metals

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
Method Blank Soil QC Batch # 2004/02/12-01.15
MB: 2004/02/12-01.15-021 Date Extracted: 02/12/2004 11:21

Compound	Conc.	RL	Unit	Analyzed	Flag
Cadmium	ND	0.50	mg/Kg	02/12/2004 20:53	
Chromium	ND	1.0	mg/Kg	02/12/2004 20:53	
Lead	ND	1.0	mg/Kg	02/12/2004 20:53	
Nickel	ND	1.0	mg/Kg	02/12/2004 20:53	
Zinc	ND	1.0	mg/Kg	02/12/2004 20:53	

LUFT 5 Metals

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Batch QC Report

Prep(s): 3050B Test(s): 6010B

Laboratory Control Spike Soil **QC Batch # 2004/02/12-01.15**
LCS 2004/02/12-01.15-022 Extracted: 02/12/2004 Analyzed: 02/12/2004 20:58
LCSD 2004/02/12-01.15-023 Extracted: 02/12/2004 Analyzed: 02/12/2004 21:01

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Cadmium	99.2	99.2	100.0	99.2	99.2	0.0	80-120	20	
Chromium	101	102	100.0	101.0	102.0	1.0	80-120	20	
Lead	97.8	97.9	100.0	97.8	97.9	0.1	80-120	20	
Nickel	99.7	99.8	100.0	99.7	99.8	0.1	80-120	20	
Zinc	97.8	97.4	100.0	97.8	97.4	0.4	80-120	20	

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
ST-1 0-1/2	02/09/2004	Soil	20
ST-2 0-1/2	02/09/2004	Soil	22
ST-3 0-1/2	02/09/2004	Soil	24
ST-4 0-1/2	02/09/2004	Soil	26
ST-5 0-1/2	02/09/2004	Soil	28
ST-6 0-1/2	02/09/2004	Soil	30
ST-7 0-1/2	02/09/2004	Soil	32
ST-8 0-1/2	02/09/2004	Soil	34
ST-9 0-1/2	02/09/2004	Soil	36
ST-10 0-1/2	02/09/2004	Soil	38

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/18/2004 11:20

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-1 0-1/2 Lab ID: 2004-02-0376 - 20
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 11:02	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 11:02	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 11:02	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 11:02	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 11:02	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 11:02	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 11:02	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	87.9	50-125	%	1.00	02/14/2004 11:02	
Decachlorobiphenyl (PCB/8082)	91.3	46-142	%	1.00	02/14/2004 11:02	

Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-2 0-1/2 Lab ID: 2004-02-0376 - 22
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 11:22	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 11:22	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 11:22	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 11:22	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 11:22	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 11:22	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 11:22	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.0	50-125	%	1.00	02/14/2004 11:22	
Decachlorobiphenyl (PCB/8082)	87.9	46-142	%	1.00	02/14/2004 11:22	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-3 0-1/2 Lab ID: 2004-02-0376 - 24
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 11:41	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 11:41	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 11:41	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 11:41	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 11:41	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 11:41	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 11:41	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	93.3	50-125	%	1.00	02/14/2004 11:41	
Decachlorobiphenyl (PCB/8082)	91.8	46-142	%	1.00	02/14/2004 11:41	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-5 0-1/2 Lab ID: 2004-02-0376 - 28
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 12:20	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 12:20	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 12:20	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 12:20	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 12:20	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 12:20	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 12:20	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	73.2	50-125	%	1.00	02/14/2004 12:20	
Decachlorobiphenyl (PCB/8082)	85.5	46-142	%	1.00	02/14/2004 12:20	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-4 0-1/2 Lab ID: 2004-02-0376 - 26
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 12:01	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 12:01	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 12:01	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 12:01	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 12:01	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 12:01	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 12:01	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	82.2	50-125	%	1.00	02/14/2004 12:01	
Decachlorobiphenyl (PCB/8082)	80.7	46-142	%	1.00	02/14/2004 12:01	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-6 0-1/2 Lab ID: 2004-02-0376 - 30
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 12:40	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 12:40	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 12:40	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 12:40	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 12:40	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 12:40	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 12:40	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	47.9	50-125	%	1.00	02/14/2004 12:40	S
Decachlorobiphenyl (PCB/8082)	49.6	46-142	%	1.00	02/14/2004 12:40	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-7 0-1/2 Lab ID: 2004-02-0376 - 32
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 12:59	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 12:59	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 12:59	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 12:59	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 12:59	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 12:59	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 12:59	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	86.7	50-125	%	1.00	02/14/2004 12:59	
Decachlorobiphenyl (PCB/8082)	86.8	46-142	%	1.00	02/14/2004 12:59	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-8 0-1/2 Lab ID: 2004-02-0376 - 34
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 13:58	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 13:58	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 13:58	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 13:58	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 13:58	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 13:58	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 13:58	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	89.1	50-125	%	1.00	02/14/2004 13:58	
Decachlorobiphenyl (PCB/8082)	90.6	46-142	%	1.00	02/14/2004 13:58	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-9 0-1/2 Lab ID: 2004-02-0376 - 36
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 14:18	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 14:18	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 14:18	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 14:18	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 14:18	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 14:18	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 14:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	84.7	50-125	%	1.00	02/14/2004 14:18	
Decachlorobiphenyl (PCB/8082)	89.4	46-142	%	1.00	02/14/2004 14:18	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: ST-10 0-1/2 Lab ID: 2004-02-0376 - 38
Sampled: 02/09/2004 Extracted: 2/13/2004 11:22
Matrix: Soil QC Batch#: 2004/02/13-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/14/2004 14:37	
Aroclor 1221	ND	50	ug/Kg	1.00	02/14/2004 14:37	
Aroclor 1232	ND	50	ug/Kg	1.00	02/14/2004 14:37	
Aroclor 1242	ND	50	ug/Kg	1.00	02/14/2004 14:37	
Aroclor 1248	ND	50	ug/Kg	1.00	02/14/2004 14:37	
Aroclor 1254	ND	50	ug/Kg	1.00	02/14/2004 14:37	
Aroclor 1260	ND	50	ug/Kg	1.00	02/14/2004 14:37	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	68.0	50-125	%	1.00	02/14/2004 14:37	
Decachlorobiphenyl (PCB/8082)	93.0	46-142	%	1.00	02/14/2004 14:37	

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Batch QC Report

Batch QC Report

Prep(s): 3550/8082
Method Blank Soil QC Batch # 2004/02/13-02.14
MB: 2004/02/13-02.14-001 Date Extracted: 02/13/2004 11:22

Prep(s): 3550/8082 Test(s): B082

Laboratory Control Spike Soil QC Batch # 2004/02/13-02.14
LCS 2004/02/13-02.14-002 Extracted: 02/13/2004 Analyzed: 02/14/2004 10:23
LCSD 2004/02/13-02.14-003 Extracted: 02/13/2004 Analyzed: 02/14/2004 10:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	02/14/2004 10:04	
Aroclor 1221	ND	50	ug/Kg	02/14/2004 10:04	
Aroclor 1232	ND	50	ug/Kg	02/14/2004 10:04	
Aroclor 1242	ND	50	ug/Kg	02/14/2004 10:04	
Aroclor 1248	ND	50	ug/Kg	02/14/2004 10:04	
Aroclor 1254	ND	50	ug/Kg	02/14/2004 10:04	
Aroclor 1260	ND	50	ug/Kg	02/14/2004 10:04	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	83.9	50-125	%	02/14/2004 10:04	
Decachlorobiphenyl (PCB/8082)	87.3	46-142	%	02/14/2004 10:04	

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aroclor 1016	60.0	57.9	66.3	90.5	86.8	4.2	65-135	30		
Aroclor 1260	62.8	62.3	66.3	94.7	93.4	1.4	65-135	30		
Surrogate(s)										
2,4,5,6-Tetrachloro-m-xylene	43.6	41.9	50	87.3	83.9		50-125	0		
Decachlorobiphenyl	43.7	43.6	50	87.3	87.2		46-142	0		

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Batch QC Report

Legend and Notes

Prep(s): 3550/8082 Test(s): 8082
Matrix Spike (MS / MSD) Soil QC Batch # 2004/02/13-02.14
ST-7 0-1/2 >> MS Lab ID: 2004-02-0376 - 032
MS: 2004/02/13-02 14-004 Extracted: 02/13/2004 Analyzed: 02/14/2004 13:19
Dilution: 1.00
MSD: 2004/02/13-02 14-005 Extracted: 02/13/2004 Analyzed: 02/14/2004 13:38
Dilution: 1.00

Result Flag

mso
MS/MSD spike recoveries were out of QC limits due to matrix interference.
Precision and Accuracy were verified by LCS/LCSD.
s
One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Compound	Conc.		Spk Level	Recovery %		Limits %		Flags	
	MS	MSD		MS	MSD	Rec.	RPD	MS	MSD
Aroclor 1016	58.5	55.1	ND	66.7	87.7	82.7	5.9	65-135	30
Aroclor 1260	104	82.7	ND	66.7	155.9	124.2	22.6	65-135	30
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	41.5	38.1		50	83.1	76.3		50-125	0
Decachlorobiphenyl	43.4	42.6		50	86.8	85.2		46-142	0

Gasoline

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
ST-1 0-1/2	02/09/2004	Soil	20
ST-1 2-2 1/2	02/09/2004	Soil	21
ST-2 0-1/2	02/09/2004	Soil	22
ST-2 2-2 1/2	02/09/2004	Soil	23
ST-3 0-1/2	02/09/2004	Soil	24
ST-3 2-2 1/2	02/09/2004	Soil	25
ST-4 0-1/2	02/09/2004	Soil	26
ST-4 2-2 1/2	02/09/2004	Soil	27
ST-5 0-1/2	02/09/2004	Soil	28
ST-5 2-2 1/2	02/09/2004	Soil	29
ST-6 0-1/2	02/09/2004	Soil	30
ST-6 2-2 1/2	02/09/2004	Soil	31
ST-7 0-1/2	02/09/2004	Soil	32
ST-7 2-2 1/2	02/09/2004	Soil	33
ST-8 0-1/2	02/09/2004	Soil	34
ST-8 2-2 1/2	02/09/2004	Soil	35
ST-9 0-1/2	02/09/2004	Soil	36
ST-9 2-2 1/2	02/09/2004	Soil	37
ST-10 0-1/2	02/09/2004	Soil	38
ST-10 2-2 1/2	02/09/2004	Soil	39

Gasoline

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-1 0-1/2 Lab ID: 2004-02-0376 - 20
Sampled: 02/09/2004 Extracted: 2/16/2004 14:06
Matrix: Soil QC Batch#: 2004/02/16-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/16/2004 14:06	
Surrogate(s)						
4-Bromofluorobenzene-FID	95.9	58-124	%	1.00	02/16/2004 14:06	

Gasoline

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Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-1 2-2 1/2 Lab ID: 2004-02-0376 - 21
Sampled: 02/09/2004 Extracted: 2/16/2004 14:33
Matrix: Soil QC Batch#: 2004/02/16-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/16/2004 14:33	
Surrogate(s)						
4-Bromofluorobenzene-FID	93.6	58-124	%	1.00	02/16/2004 14:33	

Gasoline

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
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Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-2 0-1/2 Lab ID: 2004-02-0376 - 22
Sampled: 02/09/2004 Extracted: 2/16/2004 14:59
Matrix: Soil QC Batch#: 2004/02/16-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/16/2004 14:59	
Surrogate(s)						
4-Bromofluorobenzene-FID	86.4	58-124	%	1.00	02/16/2004 14:59	

Gasoline

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2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-2 2-2 1/2 Lab ID: 2004-02-0376 - 23
Sampled: 02/09/2004 Extracted: 2/16/2004 15:26
Matrix: Soil QC Batch#: 2004/02/16-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/16/2004 15:26	
Surrogate(s)						
4-Bromofluorobenzene-FID	97.6	58-124	%	1.00	02/16/2004 15:26	

Gasoline

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
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Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-3 0-1/2 Lab ID: 2004-02-0376 - 24
Sampled: 02/09/2004 Extracted: 2/16/2004 15:53
Matrix: Soil QC Batch#: 2004/02/16-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/16/2004 15:53	
Surrogate(s)						
4-Bromofluorobenzene-FID	86.0	58-124	%	1.00	02/16/2004 15:53	

Gasoline

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-3 2-2 1/2 Lab ID: 2004-02-0376 - 25
Sampled: 02/09/2004 Extracted: 2/16/2004 16:20
Matrix: Soil QC Batch#: 2004/02/16-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/16/2004 16:20	
Surrogate(s)						
4-Bromofluorobenzene-FID	95.6	58-124	%	1.00	02/16/2004 16:20	

Gasoline

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Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-4 0-1/2 Lab ID: 2004-02-0376 - 26
Sampled: 02/09/2004 Extracted: 2/16/2004 16:47
Matrix: Soil QC Batch#: 2004/02/16-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/16/2004 16:47	
Surrogate(s)						
4-Bromofluorobenzene-FID	69.0	58-124	%	1.00	02/16/2004 16:47	

Gasoline

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San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-4 2-2 1/2 Lab ID: 2004-02-0376 - 27
Sampled: 02/09/2004 Extracted: 2/16/2004 17:14
Matrix: Soil QC Batch#: 2004/02/16-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/16/2004 17:14	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene-FID	97.1	58-124	%	1.00	02/16/2004 17:14	

Gasoline

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-5 0-1/2 Lab ID: 2004-02-0376 - 28
Sampled: 02/09/2004 Extracted: 2/17/2004 12:50
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 12:50	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene-FID	95.9	58-124	%	1.00	02/17/2004 12:50	

Gasoline

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-5 2-2 1/2 Lab ID: 2004-02-0376 - 29
Sampled: 02/09/2004 Extracted: 2/17/2004 13:17
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 13:17	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene-FID	102.6	58-124	%	1.00	02/17/2004 13:17	

Gasoline

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Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-6 0-1/2 Lab ID: 2004-02-0376 - 30
Sampled: 02/09/2004 Extracted: 2/17/2004 13:44
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 13:44	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene-FID	102.1	58-124	%	1.00	02/17/2004 13:44	

Gasoline

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Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-6 2-2 1/2 Lab ID: 2004-02-0376 - 31
Sampled: 02/09/2004 Extracted: 2/17/2004 14:11
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 14:11	
Surrogate(s)						
4-Bromofluorobenzene-FID	98.5	58-124	%	1.00	02/17/2004 14:11	

Gasoline

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Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-7 0-1/2 Lab ID: 2004-02-0376 - 32
Sampled: 02/09/2004 Extracted: 2/17/2004 14:37
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 14:37	
Surrogate(s)						
4-Bromofluorobenzene-FID	71.4	58-124	%	1.00	02/17/2004 14:37	

Gasoline

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Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-7 2-2 1/2 Lab ID: 2004-02-0376 - 33
Sampled: 02/09/2004 Extracted: 2/17/2004 15:04
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 15:04	
Surrogate(s)						
4-Bromofluorobenzene-FID	126.5	58-124	%	1.00	02/17/2004 15:04	s

Gasoline

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Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-8 0-1/2 Lab ID: 2004-02-0376 - 34
Sampled: 02/09/2004 Extracted: 2/17/2004 17:55
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 17:55	
Surrogate(s)						
4-Bromofluorobenzene-FID	112.8	58-124	%	1.00	02/17/2004 17:55	

Gasoline

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Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-8 2-2 1/2 Lab ID: 2004-02-0376 - 35
Sampled: 02/09/2004 Extracted: 2/17/2004 18:21
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 18:21	
Surrogate(s)						
4-Bromofluorobenzene-FID	120.0	58-124	%	1.00	02/17/2004 18:21	

Gasoline

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-9 0-1/2 Lab ID: 2004-02-0376 - 36
Sampled: 02/09/2004 Extracted: 2/17/2004 18:48
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 18:48	
Surrogate(s)						
4-Bromofluorobenzene-FID	98.6	58-124	%	1.00	02/17/2004 18:48	

Gasoline

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Attn.: Tom McCloskey

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San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-9 2-2 1/2 Lab ID: 2004-02-0376 - 37
Sampled: 02/09/2004 Extracted: 2/17/2004 19:15
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 19:15	
Surrogate(s)						
4-Bromofluorobenzene-FID	97.0	58-124	%	1.00	02/17/2004 19:15	

Gasoline

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Attn.: Tom McCloskey

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
Sample ID: ST-10 0-1/2 Lab ID: 2004-02-0376 - 38
Sampled: 02/09/2004 Extracted: 2/17/2004 19:42
Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 19:42	
Surrogate(s)						
4-Bromofluorobenzene-FID	91.2	58-124	%	1.00	02/17/2004 19:42	

Gasoline

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 Attn.: Tom McCloskey
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 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 5035 Test(s): 8015M
 Sample ID: ST-10 2-2 1/2 Lab ID: 2004-02-0376 - 39
 Sampled: 02/09/2004 Extracted: 2/17/2004 20:09
 Matrix: Soil QC Batch#: 2004/02/17-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/17/2004 20:09	
Surrogate(s) 4-Bromofluorobenzene-FID	116.8	58-124	%	1.00	02/17/2004 20:09	

Gasoline

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 Attn.: Tom McCloskey
 2258 Camino Ramon
 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoee Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 5035 Test(s): 8015M
 Method Blank Soil QC Batch # 2004/02/16-01.01
 MB: 2004/02/16-01.01-011 Date Extracted: 02/16/2004 11:59

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	02/16/2004 11:59	
Surrogate(s) 4-Bromofluorobenzene-FID	119.2	58-124	%	02/16/2004 11:59	

Gasoline

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 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoee Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 5035 Test(s): 8015M
 Method Blank Soil QC Batch # 2004/02/17-01.01
 MB: 2004/02/17-01.01-003 Date Extracted: 02/17/2004 07:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	02/17/2004 07:51	
Surrogate(s) 4-Bromofluorobenzene-FID	119.4	58-124	%	02/17/2004 07:51	

Gasoline

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 Project: 1989-1B
 Fanoee Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 5035 Test(s): 8015M
 Laboratory Control Spike Soil QC Batch # 2004/02/16-01.01
 LCS 2004/02/16-01.01-012 Extracted: 02/16/2004 Analyzed: 02/16/2004 12:25
 LCSD 2004/02/16-01.01-013 Extracted: 02/16/2004 Analyzed: 02/16/2004 12:52

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec	RPD	
Gasoline	0.521	0.524	0.500	104.2	104.8	0.6	75-125	35	
Surrogate(s) 4-Bromofluorobenzene-FID	539	577	500	107.8	115.4		58-124		

Gasoline

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Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 5035 Test(s): 8015M

Laboratory Control Spike Soil QC Batch # 2004/02/17-01.01
LCS 2004/02/17-01.01-006 Extracted: 02/17/2004 Analyzed: 02/17/2004 09:11
LCSD 2004/02/17-01.01-007 Extracted: 02/17/2004 Analyzed: 02/17/2004 09:38

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags
	mg/Kg			LCS	LCSD		Rec.	RPD	
Gasoline	0.511	0.522	0.500	102.2	104.4	2.1	75-125	35	
Surrogate(s) 4-Bromofluorobenzene-FID	541	570	500	108.2	114.0		58-124		

Gasoline

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 5035 Test(s): 8015M

Matrix Spike (MS / MSD) Soil QC Batch # 2004/02/17-01.01
ST-5 2-2 1/2 >> MS Lab ID: 2004-02-0376 - 029
MS: 2004/02/17-01.01-030 Extracted: 02/17/2004 Analyzed: 02/17/2004 21:29
Dilution: 1.00
MSD: 2004/02/17-01.01-031 Extracted: 02/17/2004 Analyzed: 02/17/2004 21:56
Dilution: 1.00

Compound	Conc.		Spk. Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Gasoline	0.378	0.366	ND	0.445	84.9	87.3	2.8	65-135	35		
Surrogate(s) 4-Bromofluorobenzene-FID	371	399		500	74.2	79.8		58-124			

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/18/2004 12:54

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

02/18/2004 12:54

Gasoline

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Legend and Notes

Sample Comment
Lab ID: 2004-02-0376-33
s- Surrogate is high but the sample is ND.

Result Flag
s
One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
ST-1 0-1/2	02/09/2004	Soil	20
ST-1 2-2 1/2	02/09/2004	Soil	21
ST-2 0-1/2	02/09/2004	Soil	22
ST-2 2-2 1/2	02/09/2004	Soil	23
ST-3 0-1/2	02/09/2004	Soil	24
ST-3 2-2 1/2	02/09/2004	Soil	25
ST-4 0-1/2	02/09/2004	Soil	26
ST-4 2-2 1/2	02/09/2004	Soil	27
ST-5 0-1/2	02/09/2004	Soil	28
ST-5 2-2 1/2	02/09/2004	Soil	29
ST-6 0-1/2	02/09/2004	Soil	30
ST-6 2-2 1/2	02/09/2004	Soil	31
ST-7 0-1/2	02/09/2004	Soil	32
ST-7 2-2 1/2	02/09/2004	Soil	33
ST-8 0-1/2	02/09/2004	Soil	34
ST-8 2-2 1/2	02/09/2004	Soil	35
ST-9 0-1/2	02/09/2004	Soil	36
ST-9 2-2 1/2	02/09/2004	Soil	37
ST-10 0-1/2	02/09/2004	Soil	38
ST-10 2-2 1/2	02/09/2004	Soil	39

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02/18/2004 12:54

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02/18/2004 17:1

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney Associates San Ramon
Attn.: Tom McCloskey

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Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoes Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-1 0-1/2 Lab ID: 2004-02-0376 - 20
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.6	1.0	mg/Kg	1.00	02/14/2004 20:56	upd
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 20:56	
Surrogate(s)						
o-Terphenyl	90.7	60-130	%	1.00	02/14/2004 20:56	

Total Extractable Petroleum Hydrocarbons (TEPH)

Lowney Associates San Ramon
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Project: 1989-1B
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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-1 2-2 1/2 Lab ID: 2004-02-0376 - 21
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	15	1.0	mg/Kg	1.00	02/14/2004 22:59	ldr
Motor Oil	83	50	mg/Kg	1.00	02/14/2004 22:59	
Surrogate(s)						
o-Terphenyl	80.2	60-130	%	1.00	02/14/2004 22:59	

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Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
 Sample ID: ST-2 0-1/2 Lab ID: 2004-02-0376 - 22
 Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
 Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	16	1.0	mg/Kg	1.00	02/14/2004 13:16	ldr
Motor Oil	75	50	mg/Kg	1.00	02/14/2004 13:16	
Surrogate(s) o-Terphenyl	79.3	60-130	%	1.00	02/14/2004 13:16	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
 Sample ID: ST-2 2-2 1/2 Lab ID: 2004-02-0376 - 23
 Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
 Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.3	1.0	mg/Kg	1.00	02/14/2004 13:46	upd
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 13:46	
Surrogate(s) o-Terphenyl	88.1	60-130	%	1.00	02/14/2004 13:46	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
 Sample ID: ST-3 0-1/2 Lab ID: 2004-02-0376 - 24
 Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
 Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	24	1.0	mg/Kg	1.00	02/14/2004 16:20	ldr
Motor Oil	110	50	mg/Kg	1.00	02/14/2004 16:20	
Surrogate(s) o-Terphenyl	75.6	60-130	%	1.00	02/14/2004 16:20	

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Prep(s): 3550/8015M Test(s): 8015M
 Sample ID: ST-3 2-2 1/2 Lab ID: 2004-02-0376 - 25
 Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
 Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3.4	1.0	mg/Kg	1.00	02/14/2004 14:17	ldr
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 14:17	
Surrogate(s) o-Terphenyl	85.4	60-130	%	1.00	02/14/2004 14:17	

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-4 0-1/2 Lab ID: 2004-02-0376 - 26
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	2.4	1.0	mg/Kg	1.00	02/14/2004 16:51	
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 16:51	ldr
Surrogate(s) o-Terphenyl	78.3	60-130	%	1.00	02/14/2004 16:51	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-4 2-2 1/2 Lab ID: 2004-02-0376 - 27
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.3	1.0	mg/Kg	1.00	02/14/2004 23:30	
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 23:30	ndp
Surrogate(s) o-Terphenyl	82.9	60-130	%	1.00	02/14/2004 23:30	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-5 0-1/2 Lab ID: 2004-02-0376 - 28
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.9	1.0	mg/Kg	1.00	02/14/2004 13:16	edr
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 13:16	
Surrogate(s) o-Terphenyl	80.4	60-130	%	1.00	02/14/2004 13:16	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-5 2-2 1/2 Lab ID: 2004-02-0376 - 29
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.3	1.0	mg/Kg	1.00	02/14/2004 13:46	
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 13:46	
Surrogate(s) o-Terphenyl	79.4	60-130	%	1.00	02/14/2004 13:46	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-6 0-1/2 Lab ID: 2004-02-0376 - 30
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.6	1.0	mg/Kg	1.00	02/14/2004 16:20	edr
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 16:20	
Surrogate(s) o-Terphenyl	83.6	60-130	%	1.00	02/14/2004 16:20	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-6 2-2 1/2 Lab ID: 2004-02-0376 - 31
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.0	1.0	mg/Kg	1.00	02/14/2004 14:17	upd
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 14:17	
Surrogate(s) o-Terphenyl	78.5	60-130	%	1.00	02/14/2004 14:17	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-7 0-1/2 Lab ID: 2004-02-0376 - 32
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3.6	1.0	mg/Kg	1.00	02/14/2004 16:51	ldr
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 16:51	
Surrogate(s) o-Terphenyl	88.8	60-130	%	1.00	02/14/2004 16:51	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-7 2-2 1/2 Lab ID: 2004-02-0376 - 33
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.4	1.0	mg/Kg	1.00	02/14/2004 17:22	upd
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 17:22	
Surrogate(s) o-Terphenyl	86.9	60-130	%	1.00	02/14/2004 17:22	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-8 0-1/2 Lab ID: 2004-02-0376 - 34
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/14/2004 17:52	
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 17:52	
Surrogate(s) o-Terphenyl	88.1	60-130	%	1.00	02/14/2004 17:52	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-8 2-2 1/2 Lab ID: 2004-02-0376 - 35
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.7	1.0	mg/Kg	1.00	02/14/2004 18:23	upd
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 18:23	
Surrogate(s) o-Terphenyl	80.5	60-130	%	1.00	02/14/2004 18:23	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-9 0-1/2 Lab ID: 2004-02-0376 - 36
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	9.7	1.0	mg/Kg	1.00	02/14/2004 18:53	ldr
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 18:53	
Surrogate(s) o-Terphenyl	81.2	60-130	%	1.00	02/14/2004 18:53	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-9 2-2 1/2 Lab ID: 2004-02-0376 - 37
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.1	1.0	mg/Kg	1.00	02/14/2004 19:24	edr
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 19:24	
Surrogate(s) o-Terphenyl	81.2	60-130	%	1.00	02/14/2004 19:24	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-10 0-1/2 Lab ID: 2004-02-0376 - 38
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3.8	1.0	mg/Kg	1.00	02/14/2004 19:55	edr
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 19:55	
Surrogate(s) o-Terphenyl	85.7	60-130	%	1.00	02/14/2004 19:55	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: ST-10 2-2 1/2 Lab ID: 2004-02-0376 - 39
Sampled: 02/09/2004 Extracted: 2/13/2004 14:32
Matrix: Soil QC Batch#: 2004/02/13-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	2.2	1.0	mg/Kg	1.00	02/14/2004 20:25	upd
Motor Oil	ND	50	mg/Kg	1.00	02/14/2004 20:25	
Surrogate(s) o-Terphenyl	87.9	60-130	%	1.00	02/14/2004 20:25	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M
Method Blank Soil QC Batch # 2004/02/13-06.10
MB: 2004/02/13-06.10-001 Date Extracted: 02/13/2004 14:32

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	02/14/2004 10:12	
Motor Oil	ND	50	mg/Kg	02/14/2004 10:12	
Surrogates(s) o-Terphenyl	84.8	60-130	%	02/14/2004 10:12	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M
Laboratory Control Spike Soil QC Batch # 2004/02/13-06.10
LCS 2004/02/13-06.10-002 Extracted: 02/13/2004 Analyzed: 02/14/2004 10:42
LCSD 2004/02/13-06.10-003 Extracted: 02/13/2004 Analyzed: 02/14/2004 11:13

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		% Rec.	RPD	
Diesel	39.7	43.0	41.3	96.1	104.1	8.0	60-130	25	
Surrogates(s) o-Terphenyl	17.1	18.0	20.0	85.3	90.0		60-130	0	

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Organochlorine Pesticides Analysis

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Legend and Notes

Result Flag
edr Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard
ldr Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard
ndp Hydrocarbon reported does not match the pattern of our Diesel standard
upd The compound(s) reported reflect(s) individual or discrete unidentified peaks detected in the diesel range. The pattern does not match a typical fuel standard

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-11A 0-1/2	02/09/2004	Soil	1
AG-11B 0-1/2	02/09/2004	Soil	3
AG-11C 0-1/2	02/09/2004	Soil	5
AG-11D 0-1/2	02/09/2004	Soil	7
AG-11E 0-1/2	02/09/2004	Soil	9
AG-11F 0-1/2	02/09/2004	Soil	11
AG-11G 0-1/2	02/09/2004	Soil	12
AG-11H 0-1/2	02/09/2004	Soil	14
AG-11I 0-1/2	02/09/2004	Soil	16
AG-11J 0-1/2	02/09/2004	Soil	18
AG-11K 0-1/2	02/09/2004	Soil	19
ST-1 0-1/2	02/09/2004	Soil	20
ST-2 0-1/2	02/09/2004	Soil	22
ST-3 0-1/2	02/09/2004	Soil	24
ST-4 0-1/2	02/09/2004	Soil	26
ST-5 0-1/2	02/09/2004	Soil	28
ST-7 0-1/2	02/09/2004	Soil	32
ST-8 0-1/2	02/09/2004	Soil	34
ST-9 0-1/2	02/09/2004	Soil	36
ST-10 0-1/2	02/09/2004	Soil	38

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/18/2004 17:11

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02/18/2004 16:17

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Organochlorine Pesticides Analysis

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Organochlorine Pesticides Analysis

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Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11A 0-1/2 Lab ID: 2004-02-0376 - 1
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
Dieldrin	10	2.0	ug/Kg	1.00	02/17/2004 21:14	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
Endrin	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
Heptachlor	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
4,4'-DDT	22	2.0	ug/Kg	1.00	02/17/2004 21:14	
4,4'-DDE	56	2.0	ug/Kg	1.00	02/17/2004 21:14	
4,4'-DDD	2.6	2.0	ug/Kg	1.00	02/17/2004 21:14	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
beta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
delta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
Toxaphene	390	100	ug/Kg	1.00	02/17/2004 21:14	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/17/2004 21:14	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 21:14	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	80.3	50-125	%	1.00	02/17/2004 21:14	
Decachlorobiphenyl (Pest/8081)	88.8	46-142	%	1.00	02/17/2004 21:14	

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11B 0-1/2 Lab ID: 2004-02-0376 - 3
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Dieldrin	8.0	2.0	ug/Kg	1.00	02/17/2004 21:45	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Endrin	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Heptachlor	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
4,4'-DDT	25	2.0	ug/Kg	1.00	02/17/2004 21:45	
4,4'-DDE	50	2.0	ug/Kg	1.00	02/17/2004 21:45	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
beta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
delta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Toxaphene	360	100	ug/Kg	1.00	02/17/2004 21:45	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/17/2004 21:45	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 21:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	73.9	50-125	%	1.00	02/17/2004 21:45	
Decachlorobiphenyl (Pest/8081)	88.0	46-142	%	1.00	02/17/2004 21:45	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon

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Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11C 0-1/2 Lab ID: 2004-02-0376 - 5
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13
Analysis Flag: sdo (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, Heptachlor, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney Associates San Ramon

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Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11D 0-1/2 Lab ID: 2004-02-0376 - 7
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13
Analysis Flag: sdo (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, Heptachlor, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Fanoee Ranch

Received 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11E 0-1/2 Lab ID: 2004-02-0376 - 9
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13
Analysis Flag: sdo (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, Heptachlor, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoee Ranch

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11F 0-1/2 Lab ID: 2004-02-0376 - 11
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, Heptachlor, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11G 0-1/2 Lab ID: 2004-02-0376 - 12
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
Dieldrin	4.1	2.0	ug/Kg	1.00	02/17/2004 23:18	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
Endrin	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
Heptachlor	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
4,4'-DDT	25	2.0	ug/Kg	1.00	02/17/2004 23:18	
4,4'-DDE	66	2.0	ug/Kg	1.00	02/17/2004 23:18	
4,4'-DDD	2.4	2.0	ug/Kg	1.00	02/17/2004 23:18	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
beta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
delta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
Toxaphene	ND	100	ug/Kg	1.00	02/17/2004 23:18	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/17/2004 23:18	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 23:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.3	50-125	%	1.00	02/17/2004 23:18	
Decachlorobiphenyl (Pest/8081)	99.1	46-142	%	1.00	02/17/2004 23:18	

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Organochlorine Pesticides Analysis

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Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11H 0-1/2 Lab ID: 2004-02-0376 - 14
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Dieldrin	11	4.0	ug/Kg	2.00	02/17/2004 23:49	
Endrin aldehyde	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Endrin	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Endrin ketone	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Heptachlor	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Heptachlor epoxide	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
4,4'-DDT	25	4.0	ug/Kg	2.00	02/17/2004 23:49	
4,4'-DDE	95	4.0	ug/Kg	2.00	02/17/2004 23:49	
4,4'-DDD	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Endosulfan I	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Endosulfan II	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
alpha-BHC	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
beta-BHC	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
gamma-BHC (Lindane)	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
delta-BHC	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Endosulfan sulfate	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
4,4'-Methoxychlor	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Toxaphene	ND	200	ug/Kg	2.00	02/17/2004 23:49	
Chlordane (Technical)	ND	100	ug/Kg	2.00	02/17/2004 23:49	
alpha-Chlordane	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
gamma-Chlordane	ND	4.0	ug/Kg	2.00	02/17/2004 23:49	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	109.3	50-125	%	2.00	02/17/2004 23:49	
Decachlorobiphenyl (Pest/8081)	92.6	46-142	%	2.00	02/17/2004 23:49	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11I 0-1/2 Lab ID: 2004-02-0376 - 16
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Dieldrin	4.5	2.0	ug/Kg	1.00	02/18/2004 00:20	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Endrin	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Heptachlor	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
4,4'-DDT	18	2.0	ug/Kg	1.00	02/18/2004 00:20	
4,4'-DDE	67	2.0	ug/Kg	1.00	02/18/2004 00:20	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
beta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
delta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Toxaphene	ND	100	ug/Kg	1.00	02/18/2004 00:20	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/18/2004 00:20	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 00:20	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.1	50-125	%	1.00	02/18/2004 00:20	
Decachlorobiphenyl (Pest/8081)	100.5	46-142	%	1.00	02/18/2004 00:20	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11J 0-1/2 Lab ID: 2004-02-0376 - 18
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
Dieldrin	8.5	2.0	ug/Kg	1.00	02/18/2004 00:50	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
Endrin	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
Heptachlor	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
4,4'-DDT	22	2.0	ug/Kg	1.00	02/18/2004 00:50	
4,4'-DDE	54	2.0	ug/Kg	1.00	02/18/2004 00:50	
4,4'-DDD	2.5	2.0	ug/Kg	1.00	02/18/2004 00:50	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
Endosulfan II	3.6	2.0	ug/Kg	1.00	02/18/2004 00:50	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
beta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
delta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
Toxaphene	250	100	ug/Kg	1.00	02/18/2004 00:50	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/18/2004 00:50	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 00:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	80.5	50-125	%	1.00	02/18/2004 00:50	
Decachlorobiphenyl (Pest/8081)	100.1	46-142	%	1.00	02/18/2004 00:50	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11K 0-1/2 Lab ID: 2004-02-0376 - 19
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
Dieldrin	2.9	2.0	ug/Kg	1.00	02/18/2004 01:21	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
Endrin	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
Heptachlor	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
4,4'-DDT	9.7	2.0	ug/Kg	1.00	02/18/2004 01:21	
4,4'-DDE	37	2.0	ug/Kg	1.00	02/18/2004 01:21	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
beta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
delta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
Toxaphene	ND	100	ug/Kg	1.00	02/18/2004 01:21	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/18/2004 01:21	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 01:21	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	88.4	50-125	%	1.00	02/18/2004 01:21	
Decachlorobiphenyl (Pest/8081)	94.5	46-142	%	1.00	02/18/2004 01:21	

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Lowney Associates San Ramon
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Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: ST-1 0-1/2 Lab ID: 2004-02-0376 - 20
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Dieldrin	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Endrin	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Heptachlor	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
4,4'-DDE	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
beta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
delta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
Toxaphene	ND	100	ug/Kg	1.00	02/17/2004 04:45	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/17/2004 04:45	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 04:45	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	88.3	50-125	%	1.00	02/17/2004 04:45	
Decachlorobiphenyl (Pest/8081)	94.9	46-142	%	1.00	02/17/2004 04:45	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: ST-2 0-1/2 Lab ID: 2004-02-0376 - 22
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
Dieldrin	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
Endrin	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
Heptachlor	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
4,4'-DDE	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
4,4'-DDD	2.1	2.0	ug/Kg	1.00	02/17/2004 05:16	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
beta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
delta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
Toxaphene	ND	100	ug/Kg	1.00	02/17/2004 05:16	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/17/2004 05:16	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 05:16	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	83.0	50-125	%	1.00	02/17/2004 05:16	
Decachlorobiphenyl (Pest/8081)	85.4	46-142	%	1.00	02/17/2004 05:16	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: ST-3 0-1/2 Lab ID: 2004-02-0376 - 24
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
Dieldrin	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
Endrin	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
Heptachlor	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
4,4'-DDT	11	2.0	ug/Kg	1.00	02/17/2004 05:47	
4,4'-DDE	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
4,4'-DDD	3.4	2.0	ug/Kg	1.00	02/17/2004 05:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
beta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
delta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
Toxaphene	ND	100	ug/Kg	1.00	02/17/2004 05:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/17/2004 05:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 05:47	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	80.0	50-125	%	1.00	02/17/2004 05:47	
Decachlorobiphenyl (Pest/8081)	77.4	46-142	%	1.00	02/17/2004 05:47	

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: ST-4 0-1/2 Lab ID: 2004-02-0376 - 26
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Dieldrin	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Endrin	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Heptachlor	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
4,4'-DDE	3.2	2.0	ug/Kg	1.00	02/17/2004 06:18	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
beta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
delta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Toxaphene	ND	100	ug/Kg	1.00	02/17/2004 06:18	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/17/2004 06:18	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 06:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	74.6	50-125	%	1.00	02/17/2004 06:18	
Decachlorobiphenyl (Pest/8081)	79.2	46-142	%	1.00	02/17/2004 06:18	

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Organochlorine Pesticides Analysis

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s) 3550/8081 Test(s): 8081
Sample ID: ST-5 0-1/2 Lab ID: 2004-02-0376 - 28
Sampled: 02/09/2004 Extracted: 2/13/2004 10:57
Matrix: Soil QC Batch#: 2004/02/13-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Dieldrin	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Endrin	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Heptachlor	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
4,4'-DDE	3.7	2.0	ug/Kg	1.00	02/17/2004 06:48	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
beta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
delta-BHC	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Toxaphene	ND	100	ug/Kg	1.00	02/17/2004 06:48	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/17/2004 06:48	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/17/2004 06:48	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	66.7	50-125	%	1.00	02/17/2004 06:48	
Decachlorobiphenyl (Pest/8081)	78.1	46-142	%	1.00	02/17/2004 06:48	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: ST-7 0-1/2 Lab ID: 2004-02-0376 - 32
Sampled: 02/09/2004 Extracted: 2/13/2004 16:50
Matrix: Soil QC Batch#: 2004/02/13-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Dieldrin	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Endrin	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Heptachlor	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
4,4'-DDE	10	2.0	ug/Kg	1.00	02/18/2004 03:25	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
beta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
delta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Toxaphene	ND	100	ug/Kg	1.00	02/18/2004 03:25	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/18/2004 03:25	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 03:25	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.4	50-125	%	1.00	02/18/2004 03:25	
Decachlorobiphenyl (Pest/8081)	92.0	46-142	%	1.00	02/18/2004 03:25	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: ST-8 0-1/2 Lab ID: 2004-02-0376 - 34
Sampled: 02/09/2004 Extracted: 2/13/2004 16:50
Matrix: Soil QC Batch#: 2004/02/13-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Dieldrin	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Endrin	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Heptachlor	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
4,4'-DDE	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
beta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
delta-BHC	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Toxaphene	ND	100	ug/Kg	1.00	02/18/2004 09:49	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/18/2004 09:49	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/18/2004 09:49	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	87.8	50-125	%	1.00	02/18/2004 09:49	
Decachlorobiphenyl (Pest/8081)	92.8	46-142	%	1.00	02/18/2004 09:49	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: ST-9 0-1/2 Lab ID: 2004-02-0376 - 36
Sampled: 02/09/2004 Extracted: 2/13/2004 16:50
Matrix: Soil QC Batch#: 2004/02/13-02.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: ST-10 0-1/2 Lab ID: 2004-02-0376 - 38
Sampled: 02/09/2004 Extracted: 2/13/2004 16:50
Matrix: Soil QC Batch#: 2004/02/13-02.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/13-01.13
MB: 2004/02/13-01.13-001 Date Extracted: 02/13/2004 10:57

Table with 7 columns: Compound, Conc., RL, Unit, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/13-02.13
MB: 2004/02/13-02.13-001 Date Extracted: 02/13/2004 16:50

Table with 7 columns: Compound, Conc., RL, Unit, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2004/02/13-01.13
LCS 2004/02/13-01.13-002 Extracted: 02/13/2004 Analyzed: 02/18/2004 04:27
LCSD 2004/02/13-01.13-003 Extracted: 02/13/2004 Analyzed: 02/18/2004 04:58

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD		Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD	
Aldrin	13.6	13.0	16.6	81.9	78.3	4.5	37-136	35			
Dieldrin	13.6	13.0	16.6	81.9	78.3	4.5	58-135	35			
Endrin	13.3	13.4	16.6	83.1	80.7	2.9	58-134	35			
Heptachlor	13.2	12.5	16.6	79.5	75.9	4.6	40-136	35			
4,4'-DDT	11.4	11.9	16.6	68.7	71.7	4.3	55-132	35			
gamma-BHC (Lindane)	13.4	12.7	16.6	60.7	76.5	5.3	37-137	35			
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	38.2	38.1	50	76.5	76.1		50-125	0			
Decachlorobiphenyl	44.4	44.4	50	88.8	88.8		46-142	0			

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2004/02/13-02.13
LCS 2004/02/13-02.13-002 Extracted: 02/13/2004 Analyzed: 02/18/2004 02:23
LCSD 2004/02/13-02.13-003 Extracted: 02/13/2004 Analyzed: 02/18/2004 02:54

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Aldrin	12.5	13.6	16.6	75.3	81.9	8.4	37-136	35		
Dieldrin	12.5	13.7	16.6	75.3	82.5	9.1	58-135	35		
Endrin	12.4	14.3	16.6	74.7	86.1	14.2	58-134	35		
Heptachlor	11.7	13.4	16.6	70.5	80.7	13.5	40-136	35		
4,4'-DDT	11.4	12.7	16.6	68.7	76.5	10.7	55-132	35		
gamma-BHC (Lindane)	11.5	13.0	16.6	69.3	78.3	12.2	37-137	35		
Surrogate(s)										
2,4,5,6-Tetrachloro-m-xylene	37.4	37.0	50	74.9	74.1		50-125	0		
Decachlorobiphenyl	46.1	45.9	50	92.1	91.8		46-142	0		

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) Soil QC Batch # 2004/02/13-02.13
ST-8 0-1/2 >> MS Lab ID: 2004-02-0376 - 034
MS: 2004/02/13-02.13-004 Extracted: 02/13/2004 Analyzed: 02/18/2004 10:20
Dilution: 1.00
MSD: 2004/02/13-02.13-005 Extracted: 02/13/2004 Analyzed: 02/18/2004 10:51
Dilution: 1.00

Compound	Conc.		Spk.Level	Recovery %		Limits %		Flags			
	MS	MSD		Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS
Aldrin	12.8	11.9	ND	16.5	77.6	73.0	6.1	37-136	35		
Dieldrin	13.7	12.8	ND	16.5	83.0	78.5	5.6	58-135	35		
Endrin	13.0	12.8	ND	16.5	78.8	78.5	0.4	58-134	35		
Heptachlor	13.1	12.4	ND	16.5	79.4	78.1	4.2	40-136	35		
4,4'-DDT	13.4	12.3	ND	16.5	81.2	75.5	7.3	55-132	35		
gamma-BHC (Lindane)	13.1	11.3	ND	16.5	79.4	69.3	13.6	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	40.5	37.4		50	81.0	74.7		50-125	0		
Decachlorobiphenyl	45.6	43.3		50	91.2	86.5		46-142	0		

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Legend and Notes

Analysis Flag
sdo Surrogate(s) diluted out

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
ST-6 0-1/2	02/09/2004	Soil	30

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Prep(s): 3550/8081 Test(s): 8081
Sample ID: ST-6 0-1/2 Lab ID: 2004-02-0376 - 30
Sampled: 02/09/2004 Extracted: 2/17/2004 11:04
Matrix: Soil QC Batch#: 2004/02/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Dieldrin	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Endrin	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Heptachlor	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
4,4'-DDE	4.8	2.0	ug/Kg	1.00	02/20/2004 14:20	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
beta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
delta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Toxaphene	ND	100	ug/Kg	1.00	02/20/2004 14:20	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/20/2004 14:20	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 14:20	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	80.0	50-125	%	1.00	02/20/2004 14:20	
Decachlorobiphenyl (Pest/8081)	96.2	46-142	%	1.00	02/20/2004 14:20	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/17-01.13
MB: 2004/02/17-01.13-001 Date Extracted: 02/17/2004 11:04

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	02/20/2004 08:00	
Dieldrin	ND	2.0	ug/Kg	02/20/2004 08:00	
Endrin aldehyde	ND	2.0	ug/Kg	02/20/2004 08:00	
Endrin	ND	2.0	ug/Kg	02/20/2004 08:00	
Endrin ketone	ND	2.0	ug/Kg	02/20/2004 08:00	
Heptachlor	ND	2.0	ug/Kg	02/20/2004 08:00	
Heptachlor epoxide	ND	2.0	ug/Kg	02/20/2004 08:00	
4,4'-DDT	ND	2.0	ug/Kg	02/20/2004 08:00	
4,4'-DDE	ND	2.0	ug/Kg	02/20/2004 08:00	
4,4'-DDD	ND	2.0	ug/Kg	02/20/2004 08:00	
Endosulfan I	ND	2.0	ug/Kg	02/20/2004 08:00	
Endosulfan II	ND	2.0	ug/Kg	02/20/2004 08:00	
alpha-BHC	ND	2.0	ug/Kg	02/20/2004 08:00	
beta-BHC	ND	2.0	ug/Kg	02/20/2004 08:00	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	02/20/2004 08:00	
delta-BHC	ND	2.0	ug/Kg	02/20/2004 08:00	
Endosulfan sulfate	ND	2.0	ug/Kg	02/20/2004 08:00	
4,4'-Methoxychlor	ND	2.0	ug/Kg	02/20/2004 08:00	
Toxaphene	ND	100	ug/Kg	02/20/2004 08:00	
Chlordane (Technical)	ND	50	ug/Kg	02/20/2004 08:00	
alpha-Chlordane	ND	2.0	ug/Kg	02/20/2004 08:00	
gamma-Chlordane	ND	2.0	ug/Kg	02/20/2004 08:00	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	88.2	50-125	%	02/20/2004 08:00	
Decachlorobiphenyl (Pest/8081)	91.4	46-142	%	02/20/2004 08:00	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/11/2004 15:59

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Laboratory Control Spike Soil QC Batch # 2004/02/17-01.13
LCS 2004/02/17-01.13-002 Extracted: 02/17/2004 Analyzed: 02/20/2004 08:31
LCSd 2004/02/17-01.13-003 Extracted: 02/17/2004 Analyzed: 02/20/2004 09:01

Compound	Conc. ug/Kg		Exp Conc.	Recovery %		RPD	Ctrl Limits %		Flags
	LCS	LCSd		LCS	LCSd		Rec.	RPD	
Aldrin	13.6	14.3	16.6	81.9	86.1	5.0	37-136	35	
Dieldrin	13.5	14.0	16.6	81.3	84.3	3.6	58-135	35	
Endrin	14.1	14.7	16.6	84.9	88.6	4.3	58-134	35	
Heptachlor	14.1	14.6	16.6	84.9	88.0	3.6	40-136	35	
4,4'-DDT	13.1	13.6	16.6	78.9	81.9	3.7	55-132	35	
gamma-BHC (Lindane)	14.1	14.8	16.6	84.9	89.2	4.9	37-137	35	
Surrogates(s)									
2,4,5,6-Tetrachloro-m-xylene	43.7	43.9	50	87.5	87.8		50-125	0	
Decachlorobiphenyl	44.7	46.0	50	89.3	92.0		46-142	0	

LOWNEY ASSOCIATES
CHAIN OF CUSTODY RECORD
 Project Name: 2004-02-0370
 Job No: 1188-13
 Report To: 1188-13
 Sampler (print): 1188-13
 Sampler (signature): [Signature]

Electronic Deliverable Format Required: YES NO
 EDF LOGCODE: LAMV LAO LAF
 Global ID #:

Sample I.D. (Field Point Name) Date Time Lab ID Sample Matrix No. of Containers

AC-113-1	11/13/04	11:30	1188-13	1	1
AC-113-2	11/13/04	11:30	1188-13	1	1
AC-113-3	11/13/04	11:30	1188-13	1	1
AC-113-4	11/13/04	11:30	1188-13	1	1
AC-113-5	11/13/04	11:30	1188-13	1	1
AC-113-6	11/13/04	11:30	1188-13	1	1
AC-113-7	11/13/04	11:30	1188-13	1	1
AC-113-8	11/13/04	11:30	1188-13	1	1
AC-113-9	11/13/04	11:30	1188-13	1	1
AC-113-10	11/13/04	11:30	1188-13	1	1
AC-113-11	11/13/04	11:30	1188-13	1	1
AC-113-12	11/13/04	11:30	1188-13	1	1
AC-113-13	11/13/04	11:30	1188-13	1	1
AC-113-14	11/13/04	11:30	1188-13	1	1
AC-113-15	11/13/04	11:30	1188-13	1	1
AC-113-16	11/13/04	11:30	1188-13	1	1
AC-113-17	11/13/04	11:30	1188-13	1	1
AC-113-18	11/13/04	11:30	1188-13	1	1
AC-113-19	11/13/04	11:30	1188-13	1	1
AC-113-20	11/13/04	11:30	1188-13	1	1

San Ramon Office
 Oakland Office
 Mountain View Office
 Fullerton Office

LOWNEY ASSOCIATES
CHAIN OF CUSTODY RECORD
 Project Name: 2004-02-0370
 Job No: 1188-13
 Report To: 1188-13
 Sampler (print): 1188-13
 Sampler (signature): [Signature]

Electronic Deliverable Format Required: YES NO
 EDF LOGCODE: LAMV LAO LAF
 Global ID #:

Sample I.D. (Field Point Name) Date Time Lab ID Sample Matrix No. of Containers

AC-113-1	11/13/04	11:30	1188-13	1	1
AC-113-2	11/13/04	11:30	1188-13	1	1
AC-113-3	11/13/04	11:30	1188-13	1	1
AC-113-4	11/13/04	11:30	1188-13	1	1
AC-113-5	11/13/04	11:30	1188-13	1	1
AC-113-6	11/13/04	11:30	1188-13	1	1
AC-113-7	11/13/04	11:30	1188-13	1	1
AC-113-8	11/13/04	11:30	1188-13	1	1
AC-113-9	11/13/04	11:30	1188-13	1	1
AC-113-10	11/13/04	11:30	1188-13	1	1
AC-113-11	11/13/04	11:30	1188-13	1	1
AC-113-12	11/13/04	11:30	1188-13	1	1
AC-113-13	11/13/04	11:30	1188-13	1	1
AC-113-14	11/13/04	11:30	1188-13	1	1
AC-113-15	11/13/04	11:30	1188-13	1	1
AC-113-16	11/13/04	11:30	1188-13	1	1
AC-113-17	11/13/04	11:30	1188-13	1	1
AC-113-18	11/13/04	11:30	1188-13	1	1
AC-113-19	11/13/04	11:30	1188-13	1	1
AC-113-20	11/13/04	11:30	1188-13	1	1

San Ramon Office
 Oakland Office
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LOWNEY ASSOCIATES
CHAIN OF CUSTODY RECORD
 Project Name: 2004-02-0370
 Job No: 1188-13
 Report To: 1188-13
 Sampler (print): 1188-13
 Sampler (signature): [Signature]

Electronic Deliverable Format Required: YES NO
 EDF LOGCODE: LAMV LAO LAF
 Global ID #:

Sample I.D. (Field Point Name) Date Time Lab ID Sample Matrix No. of Containers

AC-113-1	11/13/04	11:30	1188-13	1	1
AC-113-2	11/13/04	11:30	1188-13	1	1
AC-113-3	11/13/04	11:30	1188-13	1	1
AC-113-4	11/13/04	11:30	1188-13	1	1
AC-113-5	11/13/04	11:30	1188-13	1	1
AC-113-6	11/13/04	11:30	1188-13	1	1
AC-113-7	11/13/04	11:30	1188-13	1	1
AC-113-8	11/13/04	11:30	1188-13	1	1
AC-113-9	11/13/04	11:30	1188-13	1	1
AC-113-10	11/13/04	11:30	1188-13	1	1
AC-113-11	11/13/04	11:30	1188-13	1	1
AC-113-12	11/13/04	11:30	1188-13	1	1
AC-113-13	11/13/04	11:30	1188-13	1	1
AC-113-14	11/13/04	11:30	1188-13	1	1
AC-113-15	11/13/04	11:30	1188-13	1	1
AC-113-16	11/13/04	11:30	1188-13	1	1
AC-113-17	11/13/04	11:30	1188-13	1	1
AC-113-18	11/13/04	11:30	1188-13	1	1
AC-113-19	11/13/04	11:30	1188-13	1	1
AC-113-20	11/13/04	11:30	1188-13	1	1

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LOWNEY ASSOCIATES
CHAIN OF CUSTODY RECORD
 Project Name: 2004-02-0370
 Job No: 1188-13
 Report To: 1188-13
 Sampler (print): 1188-13
 Sampler (signature): [Signature]

Electronic Deliverable Format Required: YES NO
 EDF LOGCODE: LAMV LAO LAF
 Global ID #:

Sample I.D. (Field Point Name) Date Time Lab ID Sample Matrix No. of Containers

AC-113-1	11/13/04	11:30	1188-13	1	1
AC-113-2	11/13/04	11:30	1188-13	1	1
AC-113-3	11/13/04	11:30	1188-13	1	1
AC-113-4	11/13/04	11:30	1188-13	1	1
AC-113-5	11/13/04	11:30	1188-13	1	1
AC-113-6	11/13/04	11:30	1188-13	1	1
AC-113-7	11/13/04	11:30	1188-13	1	1
AC-113-8	11/13/04	11:30	1188-13	1	1
AC-113-9	11/13/04	11:30	1188-13	1	1
AC-113-10	11/13/04	11:30	1188-13	1	1
AC-113-11	11/13/04	11:30	1188-13	1	1
AC-113-12	11/13/04	11:30	1188-13	1	1
AC-113-13	11/13/04	11:30	1188-13	1	1
AC-113-14	11/13/04	11:30	1188-13	1	1
AC-113-15	11/13/04	11:30	1188-13	1	1
AC-113-16	11/13/04	11:30	1188-13	1	1
AC-113-17	11/13/04	11:30	1188-13	1	1
AC-113-18	11/13/04	11:30	1188-13	1	1
AC-113-19	11/13/04	11:30	1188-13	1	1
AC-113-20	11/13/04	11:30	1188-13	1	1

San Ramon Office
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 Mountain View Office
 Fullerton Office

Lowney & Associates Mountain View

December 22, 2003

405 Clyde Avenue
Mountain View, CA 94043-2209
Attn.: Tom McCloskey
Project#: 1989-1
Project: Fanoe Ranch

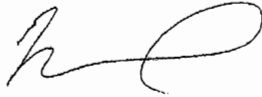
Attached is our report for your samples received on 12/12/2003 09:45
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 01/26/2004 unless you have requested otherwise.

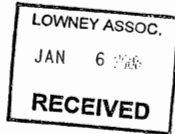
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: vvancil@sti-inc.com

Sincerely,



Vincent Vancil
Project Manager



Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.sti-inc.com * CA DHS ELAP# 2496

Page 1 of 1

Metals

Lowney & Associates Mountain View
Attn.: Tom McCloskey

405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
DD-2	12/10/2003 14:12	Soil	1
P-1	12/10/2003 14:55	Soil	2
FD-1	12/10/2003 15:45	Soil	3
P-2	12/10/2003 16:10	Soil	4
P-5	12/10/2003 16:22	Soil	5
DD-1	12/10/2003 16:40	Soil	6
PFA-1	12/10/2003 16:55	Soil	7
DD-3	12/10/2003 17:12	Soil	8
P-4	12/11/2003 08:17	Soil	9
DP-1	12/11/2003 09:15	Soil	10
DP-2	12/11/2003 09:18	Soil	11
DP-3	12/11/2003 09:21	Soil	12
DP-4	12/11/2003 09:44	Soil	13
DP-5	12/11/2003 09:47	Soil	14
DP-6	12/11/2003 09:51	Soil	15
DP-7	12/11/2003 10:09	Soil	16
DP-8	12/11/2003 10:12	Soil	17
DP-9	12/11/2003 10:16	Soil	18
DP-10	12/11/2003 10:28	Soil	19
DP-11	12/11/2003 10:32	Soil	20
DP-12	12/11/2003 10:36	Soil	21
AG-6	12/11/2003 11:50	Soil	22
AG-7	12/11/2003 12:11	Soil	23
AG-14	12/11/2003	Soil	24
AG-8	12/11/2003 12:51	Soil	25
AG-3	12/11/2003 13:03	Soil	26
AG-4	12/11/2003 13:17	Soil	27
AG-6	12/11/2003 13:53	Soil	28
AG-15	12/11/2003 14:15	Soil	29
AG-16	12/11/2003 14:28	Soil	30
AG-17	12/11/2003 14:42	Soil	31
AG-20	12/11/2003 15:11	Soil	32
AG-11	12/11/2003 15:25	Soil	33

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.sti-inc.com * CA DHS ELAP# 2496

12/19/2003 10:22

Page 1 of 59

Metals

Lowney & Associates Mountain View
Attn.: Tom McCloskey

405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-10	12/11/2003 15:46	Soil	34
AG-9	12/11/2003 16:02	Soil	35
AG-13	12/11/2003 16:16	Soil	36
AG-18	12/11/2003 16:36	Soil	37
AG-19	12/11/2003 16:52	Soil	38
AG-12	12/11/2003 17:05	Soil	39
AG-1	12/11/2003 17:17	Soil	40
AG-2	12/11/2003 17:36	Soil	41

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Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 21:52	
Lead	2.0	1.0	mg/Kg	1.00	12/18/2003 21:52	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:10	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: P-1 Lab ID: 2003-12-0480 - 2
Sampled: 12/10/2003 14:55 Extracted: 12/15/2003 13:27
12/16/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.4	1.0	mg/Kg	1.00	12/18/2003 22:04	
Lead	3.2	1.0	mg/Kg	1.00	12/18/2003 22:04	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:13	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: FD-1 Lab ID: 2003-12-0480 - 3
Sampled: 12/10/2003 15:45 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	4.8	1.0	mg/Kg	1.00	12/19/2003 22:25	
Lead	36	1.0	mg/Kg	1.00	12/18/2003 22:25	
Mercury	0.051	0.050	mg/Kg	1.00	12/16/2003 18:15	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: P-2 Lab ID: 2003-12-0480 - 4
Sampled: 12/10/2003 16:10 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.2	1.0	mg/Kg	1.00	12/18/2003 22:29	
Lead	2.8	1.0	mg/Kg	1.00	12/18/2003 22:29	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:16	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: P-5 Lab ID: 2003-12-0480 - 5
Sampled: 12/10/2003 16:22 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.0	1.0	mg/Kg	1.00	12/18/2003 22:32	
Lead	8.2	1.0	mg/Kg	1.00	12/18/2003 22:32	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:17	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DD-1 Lab ID: 2003-12-0480 - 6
Sampled: 12/10/2003 16:40 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:36	
Lead	2.7	1.0	mg/Kg	1.00	12/18/2003 22:36	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:21	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: PFA-1 Lab ID: 2003-12-0480 - 7
Sampled: 12/10/2003 16:55 Extracted: 12/15/2003 13:27
12/16/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:39	
Lead	4.5	1.0	mg/Kg	1.00	12/18/2003 22:39	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:22	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DD-3 Lab ID: 2003-12-0480 - 6
Sampled: 12/10/2003 17:12 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:43	
Lead	1.8	1.0	mg/Kg	1.00	12/18/2003 22:43	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:23	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: P-4 Lab ID: 2003-12-0480 - 9
Sampled: 12/11/2003 08:17 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:47	
Lead	2.7	1.0	mg/Kg	1.00	12/18/2003 22:47	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:24	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-1 Lab ID: 2003-12-0480 - 10
Sampled: 12/11/2003 09:15 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/18/2003 22:50	
Lead	4.3	1.0	mg/Kg	1.00	12/18/2003 22:50	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:25	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-2 Lab ID: 2003-12-0480 - 11
Sampled: 12/11/2003 09:18 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.3	1.0	mg/Kg	1.00	12/18/2003 22:54	
Lead	5.3	1.0	mg/Kg	1.00	12/18/2003 22:54	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:27	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-3 Lab ID: 2003-12-0480 - 12
Sampled: 12/11/2003 09:21 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:57	
Lead	4.7	1.0	mg/Kg	1.00	12/18/2003 22:57	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:28	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-4 Lab ID: 2003-12-0480 - 13
Sampled: 12/11/2003 09:44 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/18/2003 23:24	
Lead	4.9	1.0	mg/Kg	1.00	12/18/2003 23:24	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:29	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-6 Lab ID: 2003-12-0480 - 14
Sampled: 12/11/2003 09:47 Extracted: 12/16/2003 13:27
12/15/2003 10:46
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:28	
Lead	4.1	1.0	mg/Kg	1.00	12/18/2003 23:28	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:30	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-6 Lab ID: 2003-12-0480 - 15
Sampled: 12/11/2003 09:51 Extracted: 12/15/2003 13:27
12/15/2003 10:46
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:31	
Lead	7.0	1.0	mg/Kg	1.00	12/18/2003 23:31	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:32	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-7 Lab ID: 2003-12-0480 - 16
Sampled: 12/11/2003 10:08 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:35	
Lead	3.9	1.0	mg/Kg	1.00	12/18/2003 23:35	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:35	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-8 Lab ID: 2003-12-0480 - 17
Sampled: 12/11/2003 10:12 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:39	
Lead	3.9	1.0	mg/Kg	1.00	12/18/2003 23:39	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:37	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-9 Lab ID: 2003-12-0480 - 18
Sampled: 12/11/2003 10:16 Extracted: 12/16/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:42	
Lead	3.8	1.0	mg/Kg	1.00	12/18/2003 23:42	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:38	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-10 Lab ID: 2003-12-0480 - 19
Sampled: 12/11/2003 10:28 Extracted: 12/16/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.5	1.0	mg/Kg	1.00	12/18/2003 23:46	
Lead	4.7	1.0	mg/Kg	1.00	12/18/2003 23:46	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:39	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-11 Lab ID: 2003-12-0480 - 20
Sampled: 12/11/2003 10:32 Extracted: 12/16/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:49	
Lead	3.7	1.0	mg/Kg	1.00	12/18/2003 23:49	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:40	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-12 Lab ID: 2003-12-0480 - 21
Sampled: 12/11/2003 10:36 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 17:56	
Lead	4.1	1.0	mg/Kg	1.00	12/18/2003 17:56	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:45	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-6 Lab ID: 2003-12-0480 - 22
Sampled: 12/11/2003 11:50 Extracted: 12/16/2003 12:40
12/16/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:08	
Lead	3.9	1.0	mg/Kg	1.00	12/18/2003 18:08	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:51	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-7 Lab ID: 2003-12-0480 - 23
Sampled: 12/11/2003 12:11 Extracted: 12/16/2003 12:40
12/16/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:11	
Lead	4.0	1.0	mg/Kg	1.00	12/18/2003 18:11	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:52	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-14 Lab ID: 2003-12-0480 - 24
Sampled: 12/11/2003 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:15	
Lead	3.4	1.0	mg/Kg	1.00	12/18/2003 18:15	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:54	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-8 Lab ID: 2003-12-0480 - 25
Sampled: 12/11/2003 12:51 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:19	
Lead	3.1	1.0	mg/Kg	1.00	12/18/2003 18:19	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:55	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
 Sample ID: AQ-3 Lab ID: 2003-12-0480 - 26
 Sampled: 12/11/2003 13:03 Extracted: 12/15/2003 12:40
 12/15/2003 11:30
 Matrix: Soil QC Batch#: 2003/12/15-03.16
 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.3	1.0	mg/Kg	1.00	12/18/2003 18:23	
Lead	5.3	1.0	mg/Kg	1.00	12/18/2003 18:23	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:56	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
 Sample ID: AG-6 Lab ID: 2003-12-0480 - 28
 Sampled: 12/11/2003 13:53 Extracted: 12/15/2003 12:40
 12/15/2003 11:30
 Matrix: Soil QC Batch#: 2003/12/15-03.16
 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:49	
Lead	3.3	1.0	mg/Kg	1.00	12/18/2003 18:49	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:59	

Metals

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
 Sample ID: AQ-4 Lab ID: 2003-12-0480 - 27
 Sampled: 12/11/2003 13:17 Extracted: 12/15/2003 12:40
 12/15/2003 11:30
 Matrix: Soil QC Batch#: 2003/12/15-03.16
 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:27	
Lead	4.1	1.0	mg/Kg	1.00	12/18/2003 18:27	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:57	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
 Sample ID: AG-15 Lab ID: 2003-12-0480 - 29
 Sampled: 12/11/2003 14:15 Extracted: 12/15/2003 12:40
 12/15/2003 11:30
 Matrix: Soil QC Batch#: 2003/12/15-03.16
 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:53	
Lead	3.2	1.0	mg/Kg	1.00	12/18/2003 18:53	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:00	

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Prep(s): 3050B 7471A
Sample ID: AG-16
Sampled: 12/11/2003 14:28
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 30
Extracted: 12/16/2003 12:40
12/16/2003 11:30
QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:57	
Lead	4.6	1.0	mg/Kg	1.00	12/18/2003 18:57	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:01	

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Prep(s): 3050B 7471A
Sample ID: AG-17
Sampled: 12/11/2003 14:42
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 31
Extracted: 12/16/2003 12:40
12/15/2003 11:30
QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/18/2003 19:01	
Lead	5.7	1.0	mg/Kg	1.00	12/18/2003 19:01	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:05	

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Prep(s): 3050B 7471A
Sample ID: AG-20
Sampled: 12/11/2003 15:11
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 32
Extracted: 12/15/2003 12:40
12/15/2003 11:30
QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:07	
Lead	3.4	1.0	mg/Kg	1.00	12/18/2003 19:07	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:06	

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Prep(s): 3050B 7471A
Sample ID: AG-11
Sampled: 12/11/2003 15:25
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 33
Extracted: 12/15/2003 12:40
12/15/2003 11:30
QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.6	1.0	mg/Kg	1.00	12/18/2003 19:11	
Lead	5.5	1.0	mg/Kg	1.00	12/18/2003 19:11	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:07	

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Prep(s): 3050B 7471A
Sample ID: AG-10
Sampled: 12/11/2003 16:46
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 34
Extracted: 12/16/2003 12:40
12/15/2003 11:30
QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:14	
Lead	4.4	1.0	mg/Kg	1.00	12/18/2003 19:14	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:08	

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Received: 12/12/2003 09:45

Prep(s): 3050B 7471A
Sample ID: AG-9
Sampled: 12/11/2003 16:02
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 35
Extracted: 12/16/2003 12:40
12/15/2003 11:30
QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:18	
Lead	4.2	1.0	mg/Kg	1.00	12/18/2003 19:18	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:09	

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Prep(s): 3050B 7471A
Sample ID: AG-13
Sampled: 12/11/2003 16:16
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 36
Extracted: 12/15/2003 12:40
12/15/2003 11:30
QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:22	
Lead	4.1	1.0	mg/Kg	1.00	12/18/2003 19:22	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:11	

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Prep(s): 3050B 7471A
Sample ID: AG-18
Sampled: 12/11/2003 16:36
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 37
Extracted: 12/15/2003 12:40
12/15/2003 11:30
QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:25	
Lead	3.5	1.0	mg/Kg	1.00	12/18/2003 19:25	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:12	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-19 Lab ID: 2003-12-0480 - 38
Sampled: 12/11/2003 16:52 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/16/2003 21:20	
Lead	3.7	1.0	mg/Kg	1.00	12/16/2003 21:20	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:13	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-12 Lab ID: 2003-12-0480 - 39
Sampled: 12/11/2003 17:05 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/16/2003 21:24	
Lead	4.1	1.0	mg/Kg	1.00	12/16/2003 21:24	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:14	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-1 Lab ID: 2003-12-0480 - 40
Sampled: 12/11/2003 17:17 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/16/2003 21:28	
Lead	3.9	1.0	mg/Kg	1.00	12/16/2003 21:28	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:15	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-2 Lab ID: 2003-12-0480 - 41
Sampled: 12/11/2003 17:36 Extracted: 12/15/2003 17:13
12/15/2003 14:46
Matrix: Soil QC Batch#: 2003/12/15-05.16
2003/12/15-06.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/17/2003 09:22	
Lead	4.1	1.0	mg/Kg	1.00	12/17/2003 09:22	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:23	

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Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2003/12/15-02.16-014
Soil
QC Batch # 2003/12/15-02.16
Date Extracted: 12/15/2003 13:27
Test(s): 7471A
QC Batch # 2003/12/15-03.16
Date Extracted: 12/15/2003 12:40

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	12/16/2003 18:06	

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Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2003/12/15-03.16-043
Soil
QC Batch # 2003/12/15-03.16
Date Extracted: 12/15/2003 12:40
Test(s): 7471A
QC Batch # 2003/12/15-03.16
Date Extracted: 12/15/2003 12:40

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	12/16/2003 18:42	

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Batch QC Report

Prep(s): 3050B
Method Blank
MB: 2003/12/15-04.15-019
Soil
QC Batch # 2003/12/15-04.15
Date Extracted: 12/15/2003 11:30
Test(s): 6010B
QC Batch # 2003/12/15-05.15
Date Extracted: 12/15/2003 10:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	12/18/2003 17:31	
Lead	ND	1.0	mg/Kg	12/18/2003 17:31	

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Batch QC Report

Prep(s): 3050B
Method Blank
MB: 2003/12/15-05.15-050
Soil
QC Batch # 2003/12/15-05.15
Date Extracted: 12/15/2003 10:45
Test(s): 6010B
QC Batch # 2003/12/15-05.15
Date Extracted: 12/15/2003 10:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	12/18/2003 21:40	
Lead	ND	1.0	mg/Kg	12/18/2003 21:40	

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Batch QC Report

Prep(s): 7471A Test(s): 7471A
Method Blank Soil QC Batch # 2003/12/15-05.16
MB: 2003/12/15-05.16-074 Date Extracted: 12/15/2003 17:13

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	12/16/2003 19:19	

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
Method Blank Soil QC Batch # 2003/12/15-06.15
MB: 2003/12/15-06.15-011 Date Extracted: 12/15/2003 14:46

Compound	Conc.	RL	Unit	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	12/17/2003 08:19	
Lead	ND	1.0	mg/Kg	12/17/2003 08:19	

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Batch QC Report

Prep(s): 7471A Test(s): 7471A
Laboratory Control Spike Soil QC Batch # 2003/12/15-02.16
LCS 2003/12/15-02.16-015 Extracted: 12/15/2003 Analyzed: 12/16/2003 18:07
LCSD 2003/12/15-02.16-016 Extracted: 12/15/2003 Analyzed: 12/16/2003 18:08

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Mercury	0.547	0.546	0.500	109.4	109.2	0.2	85-115	20		

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Batch QC Report

Prep(s): 7471A Test(s): 7471A
Laboratory Control Spike Soil QC Batch # 2003/12/15-03.16
LCS 2003/12/15-03.16-044 Extracted: 12/15/2003 Analyzed: 12/16/2003 18:43
LCSD 2003/12/15-03.16-045 Extracted: 12/15/2003 Analyzed: 12/16/2003 18:44

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Mercury	0.517	0.524	0.500	103.4	104.8	1.3	85-115	20		

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Batch QC Report

Prep(s): 3050B Test(s): 6010B

Laboratory Control Spike Soil QC Batch # 2003/12/15-04.16
LCS 2003/12/15-04.15-020 Extracted: 12/15/2003 Analyzed: 12/18/2003 17:35
LCSD 2003/12/15-04.15-023 Extracted: 12/15/2003 Analyzed: 12/18/2003 17:52

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Arsenic	101	104	100.0	101.0	104.0	2.9	80-120	20		
Lead	96.9	98.7	100.0	96.9	98.7	1.8	80-120	20		

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Batch QC Report

Prep(s): 3050B Test(s): 6010B

Laboratory Control Spike Soil QC Batch # 2003/12/15-05.15
LCS 2003/12/15-05.15-051 Extracted: 12/15/2003 Analyzed: 12/18/2003 21:46
LCSD 2003/12/15-05.15-052 Extracted: 12/15/2003 Analyzed: 12/18/2003 21:48

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Arsenic	97.1	96.8	100.0	97.1	96.8	0.3	80-120	20		
Lead	100.0	98.4	100.0	100.0	98.4	1.6	80-120	20		

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Batch QC Report

Prep(s): 7471A Test(s): 7471A

Laboratory Control Spike Soil QC Batch # 2003/12/15-05.16
LCS 2003/12/15-05.16-075 Extracted: 12/15/2003 Analyzed: 12/16/2003 19:20
LCSD 2003/12/15-05.16-076 Extracted: 12/15/2003 Analyzed: 12/16/2003 19:22

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Mercury	0.490	0.472	0.500	98.0	94.4	3.7	85-115	20		

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Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3050B Test(s): 6010B

Laboratory Control Spike Soil QC Batch # 2003/12/15-06.15
LCS 2003/12/15-06.15-012 Extracted: 12/15/2003 Analyzed: 12/17/2003 08:23
LCSD 2003/12/15-06.15-013 Extracted: 12/15/2003 Analyzed: 12/17/2003 08:26

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Arsenic	107	110	100.0	107.0	110.0	2.8	80-120	20		
Lead	98.8	102	100.0	98.8	102.0	3.2	80-120	20		

Organochlorine Pesticides Analysis

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Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/15-01.13
DD-3 >> MS Lab ID: 2003-12-0480 - 008
MS: 2003/12/15-01.13-004 Extracted: 12/15/2003 Analyzed: 12/17/2003 01:41
Dilution: 1.00
MSD: 2003/12/15-01.13-005 Extracted: 12/15/2003 Analyzed: 12/17/2003 02:12
Dilution: 1.00

Compound	Conc.		ug/Kg Sample	Spk Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD			MS	MSD	RPD	Rec.	RPD	MS	MSD
Aldrin	13.2	12.9	ND	16.5	80.0	77.2	3.6	37-136	35		
Dieldrin	14.1	13.7	ND	16.5	85.5	82.0	4.2	58-135	35		
Endrin	14.3	14.0	ND	16.5	86.7	83.8	3.4	58-134	35		
Heptachlor	13.2	13.2	ND	16.5	80.0	79.0	1.3	40-136	35		
4,4'-DDT	21.3	21.4	5.50	16.5	95.8	95.2	0.6	55-132	35		
gamma-BHC (Lindane)	13.2	12.9	ND	16.5	80.0	77.2	3.6	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	45.2	45.1		50	90.5	90.2		50-125	0		
Decachlorobiphenyl	42.1	41.1		50	84.3	82.3		46-142	0		

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey
405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/16-03.13
DP-11 >> MS Lab ID: 2003-12-0480 - 020
MS: 2003/12/16-03.13-004 Extracted: 12/16/2003 Analyzed: 12/17/2003 11:34
Dilution: 5.00
MSD: 2003/12/16-03.13-005 Extracted: 12/16/2003 Analyzed: 12/17/2003 12:05
Dilution: 5.00

Compound	Conc.		ug/Kg Sample	Spk Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD			MS	MSD	RPD	Rec.	RPD	MS	MSD
Aldrin	14.4	13.9	ND	16.6	86.7	83.2	4.1	37-136	35		
Dieldrin	15.6	15.3	ND	16.6	94.0	91.6	2.6	58-135	35		
Endrin	13.4	13.3	ND	16.6	80.7	79.6	1.4	58-134	35		
Heptachlor	14.6	14.1	ND	16.6	88.0	84.4	4.2	40-136	35		
4,4'-DDT	18.5	18.0	ND	16.6	111.4	107.8	3.3	55-132	35		
gamma-BHC (Lindane)	14.8	14.3	ND	16.6	89.2	85.6	4.1	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	52.2	50.4		50	104.5	100.8		50-125	0		
Decachlorobiphenyl	47.6	47.0		50	95.2	94.1		46-142	0		

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey
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Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/17-01.13
AG-1 >> MS Lab ID: 2003-12-0480 - 040
MS: 2003/12/17-01.13-004 Extracted: 12/17/2003 Analyzed: 12/18/2003 11:26
Dilution: 1.00
MSD: 2003/12/17-01.13-005 Extracted: 12/17/2003 Analyzed: 12/18/2003 11:57
Dilution: 1.00

Compound	Conc.		ug/Kg Sample	Spk Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD			MS	MSD	RPD	Rec.	RPD	MS	MSD
Aldrin	11.9	11.9	ND	16.5	72.1	71.7	0.6	37-136	35		
Dieldrin	13.4	12.5	2.97	16.5	83.2	57.4	9.6	58-135	35		mso
Endrin	18.7	12.7	ND	16.5	101.2	76.5	27.8	58-134	35		
Heptachlor	11.9	11.5	ND	16.5	72.1	69.3	4.0	40-136	35		
4,4'-DDT	14.1	11.2	ND	16.5	85.5	67.5	23.5	55-132	35		
gamma-BHC (Lindane)	12.7	11.5	ND	16.5	77.0	69.3	10.5	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	57.7	43.8		50	115.4	87.5		50-125	0		
Decachlorobiphenyl	42.4	42.2		50	84.9	84.3		46-142	0		

Organochlorine Pesticides Analysis

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Attn.: Tom McCloskey
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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Legend and Notes

Analysis Flag
In Reporting limits raised due to high level of non-target analyte materials.
sdo Surrogate(s) diluted out
Result Flag
mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.
s One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon

February 18, 2004

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Attn.: Tom McCloskey
Project#: 1989-1B
Project: Fanoe

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe

Received 02/06/2004 18:35

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
TP-1-1,1-2	02/05/2004	Soil	34
TP-3-1,3-2	02/05/2004	Soil	35
TP-4-2	02/05/2004	Soil	37
TP-5-2	02/05/2004	Soil	39
TP-7B	02/05/2004	Soil	41
TP-8B	02/05/2004	Soil	44
TP-9B	02/05/2004	Soil	46
TP-10B	02/05/2004	Soil	49
TP-11B	02/05/2004	Soil	52
TP-12B	02/06/2004	Soil	54
TP-13B	02/06/2004	Soil	57

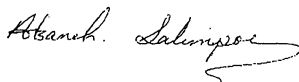
Attached is our report for your samples received on 02/06/2004 18:35
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/22/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

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02/11/2004 12:02

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-1-1,1-2 Lab ID: 2004-02-0206 - 34
Sampled: 02/05/2004 Extracted: 2/9/2004 13:55
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	02/09/2004 13:55	
Vinyl chloride	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Chloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Methylene chloride	ND	10	ug/Kg	1.00	02/09/2004 13:55	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Chloroform	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Trichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Chlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Bromoform	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Chloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-1-1,1-2 Lab ID: 2004-02-0206 - 34
Sampled: 02/05/2004 Extracted: 2/9/2004 13:55
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	02/09/2004 13:55	
Surrogate(s)						
4-Bromofluorobenzene	94.4	74-121	%	1.00	02/09/2004 13:55	
1,2-Dichloroethane-d4	118.1	70-121	%	1.00	02/09/2004 13:55	
Toluene-d8	99.4	81-117	%	1.00	02/09/2004 13:55	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-3-1,3-2 Lab ID: 2004-02-0206 - 35
Sampled: 02/05/2004 Extracted: 2/9/2004 14:22
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various halogenated volatile organic compounds and their concentrations.

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-3-1,3-2 Lab ID: 2004-02-0206 - 35
Sampled: 02/05/2004 Extracted: 2/9/2004 14:22
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists specific compounds like Bromomethane and Surrogate(s).

Severn Trent Laboratories, Inc.
STL San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-4-2 Lab ID: 2004-02-0206 - 37
Sampled: 02/05/2004 Extracted: 2/9/2004 14:48
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various halogenated volatile organic compounds and their concentrations.

Severn Trent Laboratories, Inc.
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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-4-2 Lab ID: 2004-02-0206 - 37
Sampled: 02/05/2004 Extracted: 2/9/2004 14:48
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists specific compounds like Bromomethane and Surrogate(s).

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02/11/2004 12:02

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-S-2 Lab ID: 2004-02-0206 - 39
Sampled: 02/05/2004 Extracted: 2/9/2004 15:14
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	02/09/2004 15:14	
Vinyl chloride	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Chloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Methylene chloride	ND	10	ug/Kg	1.00	02/09/2004 15:14	
trans-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
cis-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Chloroform	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Trichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Chlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Bromoform	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
Chloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
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2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-S-2 Lab ID: 2004-02-0206 - 39
Sampled: 02/05/2004 Extracted: 2/9/2004 15:14
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	02/09/2004 15:14	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	92.6	74-121	%	1.00	02/09/2004 15:14	
1,2-Dichloroethane-d4	107.9	70-121	%	1.00	02/09/2004 15:14	
Toluene-d8	96.0	81-117	%	1.00	02/09/2004 15:14	

Severn Trent Laboratories, Inc. 02/11/2004 12:02
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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

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San Ramon, CA 94583
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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-7B Lab ID: 2004-02-0206 - 41
Sampled: 02/05/2004 Extracted: 2/10/2004 13:43
Matrix: Soil QC Batch#: 2004/02/10-1B.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	02/10/2004 13:43	
Vinyl chloride	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Chloroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Methylene chloride	ND	10	ug/Kg	1.00	02/10/2004 13:43	
trans-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
cis-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Chloroform	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Trichloroethene	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Chlorobenzene	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Bromoform	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
Chloromethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-7B Lab ID: 2004-02-0206 - 41
Sampled: 02/05/2004 Extracted: 2/10/2004 13:43
Matrix: Soil QC Batch#: 2004/02/10-1B.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	02/10/2004 13:43	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	94.3	74-121	%	1.00	02/10/2004 13:43	
1,2-Dichloroethane-d4	114.8	70-121	%	1.00	02/10/2004 13:43	
Toluene-d8	98.2	81-117	%	1.00	02/10/2004 13:43	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
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Project: 1989-1B
Fanco

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s) 8260B
Sample ID: TP-8B Lab ID: 2004-02-0206 - 44
Sampled: 02/05/2004 Extracted: 2/9/2004 16:07
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	02/09/2004 16:07	
Vinyl chloride	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Chloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Methylene chloride	ND	10	ug/Kg	1.00	02/09/2004 16:07	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Chloroform	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Trichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Chlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Bromoform	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Chloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	

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Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-8B Lab ID: 2004-02-0206 - 44
Sampled: 02/05/2004 Extracted: 2/9/2004 16:07
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:07	
Surrogate(s)						
4-Bromofluorobenzene	94.4	74-121	%	1.00	02/09/2004 16:07	
1,2-Dichloroethane-d4	105.2	70-121	%	1.00	02/09/2004 16:07	
Toluene-d8	97.1	81-117	%	1.00	02/09/2004 16:07	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s) 8260B
Sample ID: TP-9B Lab ID: 2004-02-0206 - 46
Sampled: 02/05/2004 Extracted: 2/9/2004 16:34
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	02/09/2004 16:34	
Vinyl chloride	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Chloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Methylene chloride	ND	10	ug/Kg	1.00	02/09/2004 16:34	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Chloroform	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Trichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Chlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Bromoform	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Chloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	

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Halogenated Volatile Organic Compounds by 8021B/8260B

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Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-9B Lab ID: 2004-02-0206 - 46
Sampled: 02/05/2004 Extracted: 2/9/2004 16:34
Matrix: Soil QC Batch#: 2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	02/09/2004 16:34	
Surrogate(s)						
4-Bromofluorobenzene	94.4	74-121	%	1.00	02/09/2004 16:34	
1,2-Dichloroethane-d4	120.6	70-121	%	1.00	02/09/2004 16:34	
Toluene-d8	97.9	81-117	%	1.00	02/09/2004 16:34	

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Halogenated Volatile Organic Compounds by 8021B/8260B

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Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-10B Lab ID: 2004-02-0206 - 49
Sampled: 02/05/2004 Extracted: 2/9/2004 17:00
Matrix: Soil QC Batch#: 2004/02/09-1A,09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	02/09/2004 17:00	
Vinyl chloride	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Chloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Methylene chloride	ND	10	ug/Kg	1.00	02/09/2004 17:00	
trans-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
cis-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Chloroform	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Chlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Bromoform	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
Chloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
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Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-10B Lab ID: 2004-02-0206 - 49
Sampled: 02/05/2004 Extracted: 2/9/2004 17:00
Matrix: Soil QC Batch#: 2004/02/09-1A,09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:00	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	89.6	74-121	%	1.00	02/09/2004 17:00	
1,2-Dichloroethane-d4	116.6	70-121	%	1.00	02/09/2004 17:00	
Toluene-d8	102.3	81-117	%	1.00	02/09/2004 17:00	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-11B Lab ID: 2004-02-0206 - 52
Sampled: 02/05/2004 Extracted: 2/9/2004 17:26
Matrix: Soil QC Batch#: 2004/02/09-1A,09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	02/09/2004 17:26	
Vinyl chloride	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Chloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Methylene chloride	ND	10	ug/Kg	1.00	02/09/2004 17:26	
trans-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
cis-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Chloroform	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Chlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Bromoform	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
Chloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
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Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s): 5030B/5035 Test(s): 8260B
Sample ID: TP-11B Lab ID: 2004-02-0206 - 52
Sampled: 02/05/2004 Extracted: 2/9/2004 17:26
Matrix: Soil QC Batch#: 2004/02/09-1A,09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:26	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	92.9	74-121	%	1.00	02/09/2004 17:26	
1,2-Dichloroethane-d4	117.2	70-121	%	1.00	02/09/2004 17:26	
Toluene-d8	99.0	81-117	%	1.00	02/09/2004 17:26	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
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San Ramon, CA 94583
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Fancoe

Received: 02/06/2004 18:35

Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	TP-12B	Lab ID:	2004-02-0206 - 54
Sampled:	02/06/2004	Extracted:	2/9/2004 17:52
Matrix:	Soil	QC Batch#:	2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	02/09/2004 17:52	
Vinyl chloride	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Chloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Methylene chloride	ND	10	ug/Kg	1.00	02/09/2004 17:52	
trans-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
cis-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Chloroform	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Trichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Chlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Bromoform	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Chloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	TP-12B	Lab ID:	2004-02-0206 - 54
Sampled:	02/06/2004	Extracted:	2/9/2004 17:52
Matrix:	Soil	QC Batch#:	2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	02/09/2004 17:52	
Surrogate(s)						
4-Bromofluorobenzene	92.8	74-121	%	1.00	02/09/2004 17:52	
1,2-Dichloroethane-d4	116.6	70-121	%	1.00	02/09/2004 17:52	
Toluene-d8	98.0	81-117	%	1.00	02/09/2004 17:52	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	TP-13B	Lab ID:	2004-02-0206 - 57
Sampled:	02/06/2004	Extracted:	2/9/2004 18:19
Matrix:	Soil	QC Batch#:	2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	02/09/2004 18:19	
Vinyl chloride	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Chloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Methylene chloride	ND	10	ug/Kg	1.00	02/09/2004 18:19	
trans-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
cis-1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Chloroform	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Trichloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Chlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Bromoform	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Chloromethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s):	5030B/5035	Test(s):	8260B
Sample ID:	TP-13B	Lab ID:	2004-02-0206 - 57
Sampled:	02/06/2004	Extracted:	2/9/2004 18:19
Matrix:	Soil	QC Batch#:	2004/02/09-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	5.0	ug/Kg	1.00	02/09/2004 18:19	
Surrogate(s)						
4-Bromofluorobenzene	88.8	74-121	%	1.00	02/09/2004 18:19	
1,2-Dichloroethane-d4	115.4	70-121	%	1.00	02/09/2004 18:19	
Toluene-d8	99.9	81-117	%	1.00	02/09/2004 18:19	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 5030B/5035 Test(s): 8260B
Method Blank Soil QC Batch # 2004/02/09-1A.09
MB: 2004/02/09-1A.09-004 Date Extracted: 02/09/2004 11:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	5.0	ug/Kg	02/09/2004 11:27	
Bromoform	ND	5.0	ug/Kg	02/09/2004 11:27	
Bromomethane	ND	5.0	ug/Kg	02/09/2004 11:27	
Carbon tetrachloride	ND	5.0	ug/Kg	02/09/2004 11:27	
Chlorobenzene	ND	5.0	ug/Kg	02/09/2004 11:27	
Chloroethane	ND	5.0	ug/Kg	02/09/2004 11:27	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	02/09/2004 11:27	
Chloroform	ND	5.0	ug/Kg	02/09/2004 11:27	
Chloromethane	ND	5.0	ug/Kg	02/09/2004 11:27	
Dibromochloromethane	ND	5.0	ug/Kg	02/09/2004 11:27	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	02/09/2004 11:27	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	02/09/2004 11:27	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	02/09/2004 11:27	
Dichlorodifluoromethane	ND	10.0	ug/Kg	02/09/2004 11:27	
1,1-Dichloroethane	ND	5.0	ug/Kg	02/09/2004 11:27	
1,2-Dichloroethane	ND	5.0	ug/Kg	02/09/2004 11:27	
1,1-Dichloroethene	ND	5.0	ug/Kg	02/09/2004 11:27	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	02/09/2004 11:27	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	02/09/2004 11:27	
1,2-Dichloropropane	ND	5.0	ug/Kg	02/09/2004 11:27	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	02/09/2004 11:27	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	02/09/2004 11:27	
Methylene chloride	ND	10.0	ug/Kg	02/09/2004 11:27	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	02/09/2004 11:27	
Tetrachloroethene	ND	5.0	ug/Kg	02/09/2004 11:27	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	02/09/2004 11:27	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	02/09/2004 11:27	
Trichloroethene	ND	5.0	ug/Kg	02/09/2004 11:27	
Trichlorofluoromethane	ND	5.0	ug/Kg	02/09/2004 11:27	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	02/09/2004 11:27	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 5030B/5035 Test(s): 8260B
Method Blank Soil QC Batch # 2004/02/09-1A.09
MB: 2004/02/09-1A.09-004 Date Extracted: 02/09/2004 11:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Vinyl chloride	ND	5.0	ug/Kg	02/09/2004 11:27	
4-Bromofluorobenzene	98.2	74-121	%	02/09/2004 11:27	
1,2-Dichloroethane-d4	101.6	70-121	%	02/09/2004 11:27	
Toluene-d8	97.9	81-117	%	02/09/2004 11:27	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 5030B/5035 Test(s): 8260B
Method Blank Soil QC Batch # 2004/02/10-1B.09
MB: 2004/02/10-1B.09-005 Date Extracted: 02/10/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	5.0	ug/Kg	02/10/2004 11:02	
Bromoform	ND	5.0	ug/Kg	02/10/2004 11:02	
Bromomethane	ND	5.0	ug/Kg	02/10/2004 11:02	
Carbon tetrachloride	ND	5.0	ug/Kg	02/10/2004 11:02	
Chlorobenzene	ND	5.0	ug/Kg	02/10/2004 11:02	
Chloroethane	ND	5.0	ug/Kg	02/10/2004 11:02	
2-Chloroethylvinyl ether	ND	5.0	ug/Kg	02/10/2004 11:02	
Chloroform	ND	5.0	ug/Kg	02/10/2004 11:02	
Chloromethane	ND	5.0	ug/Kg	02/10/2004 11:02	
Dibromochloromethane	ND	5.0	ug/Kg	02/10/2004 11:02	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	02/10/2004 11:02	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	02/10/2004 11:02	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	02/10/2004 11:02	
Dichlorodifluoromethane	ND	10.0	ug/Kg	02/10/2004 11:02	
1,1-Dichloroethane	ND	5.0	ug/Kg	02/10/2004 11:02	
1,2-Dichloroethane	ND	5.0	ug/Kg	02/10/2004 11:02	
1,1-Dichloroethene	ND	5.0	ug/Kg	02/10/2004 11:02	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	02/10/2004 11:02	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	02/10/2004 11:02	
1,2-Dichloropropane	ND	5.0	ug/Kg	02/10/2004 11:02	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	02/10/2004 11:02	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	02/10/2004 11:02	
Methylene chloride	ND	10.0	ug/Kg	02/10/2004 11:02	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	02/10/2004 11:02	
Tetrachloroethene	ND	5.0	ug/Kg	02/10/2004 11:02	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	02/10/2004 11:02	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	02/10/2004 11:02	
Trichloroethene	ND	5.0	ug/Kg	02/10/2004 11:02	
Trichlorofluoromethane	ND	5.0	ug/Kg	02/10/2004 11:02	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	02/10/2004 11:02	
Vinyl chloride	ND	5.0	ug/Kg	02/10/2004 11:02	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 5030B/5035 Test(s): 8260B
Method Blank Soil QC Batch # 2004/02/10-1B.09
MB: 2004/02/10-1B.09-005 Date Extracted: 02/10/2004 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Surrogates(s)					
4-Bromofluorobenzene	94.2	74-121	%	02/10/2004 11:02	
1,2-Dichloroethane-d4	96.8	70-121	%	02/10/2004 11:02	
Toluene-d8	97.9	81-117	%	02/10/2004 11:02	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 5030B/5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/02/09-1A.09

LCS 2004/02/09-1A.09-002
LCSD 2004/02/09-1A.09-003

Extracted: 02/09/2004
Extracted: 02/09/2004

Analyzed: 02/09/2004 10:24
Analyzed: 02/09/2004 11:01

Table with 12 columns: Compound, Conc. (LCS, LCSD), ug/Kg, Exp. Conc., Recovery % (LCS, LCSD, RPD), Ctrl. Limits % (Rec., RPD), and Flags (LCS, LCSD). Rows include Chlorobenzene, 1,1-Dichloroethene, Trichloroethene, and Surrogate(s) 4-Bromofluorobenzene, 1,2-Dichloroethane-d4, and Toluene-d8.

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

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San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 5030B/5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/02/10-1B.09

LCS 2004/02/10-1B.09-003
LCSD 2004/02/10-1B.09-004

Extracted: 02/10/2004
Extracted: 02/10/2004

Analyzed: 02/10/2004 09:58
Analyzed: 02/10/2004 10:36

Table with 12 columns: Compound, Conc. (LCS, LCSD), ug/Kg, Exp. Conc., Recovery % (LCS, LCSD, RPD), Ctrl. Limits % (Rec., RPD), and Flags (LCS, LCSD). Rows include Chlorobenzene, 1,1-Dichloroethene, Trichloroethene, and Surrogate(s) 4-Bromofluorobenzene, 1,2-Dichloroethane-d4, and Toluene-d8.

Halogenated Volatile Organic Compounds by 8021B/8260B

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 5030B/5035

Test(s): 8260B

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/02/10-1B.09

TP-7B >> MS

Lab ID: 2004-02-0206 - 041

MS: 2004/02/10-1B.09-011

Extracted: 02/10/2004

Analyzed: 02/10/2004 14:09

Dilution: 1.00

MSD: 2004/02/10-1B.09-012

Extracted: 02/10/2004

Analyzed: 02/10/2004 14:36

Dilution: 1.00

Table with 12 columns: Compound, Conc. (MS, MSD), ug/Kg, Spk. Level, Recovery % (MS, MSD, RPD), Limits % (Rec., RPD), and Flags (MS, MSD). Rows include 1,1-Dichloroethene, Trichloroethene, Chlorobenzene, and Surrogate(s) 4-Bromofluorobenzene, 1,2-Dichloroethane-d4, and Toluene-d8.

PCBs

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Samples Reported

Table with 4 columns: Sample Name, Date Sampled, Matrix, and Lab #. Rows list various samples like BU-1A-1D, TP-1-1,1-2, TP-3-1,3-2, TP-4-2, TP-5-2, TP-7B, TP-8B, TP-9B, TP-10B, TP-11B, TP-12B, and TP-13B.

PCBs

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8082 Test(s): 8082
Sample ID: BU-1A-1D Lab ID: 2004-02-0206 - 30
Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 12:03	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 12:03	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 12:03	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 12:03	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 12:03	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 12:03	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 12:03	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	55.3	50-125	%	1.00	02/10/2004 12:03	
Decachlorobiphenyl (PCB/8082)	57.5	46-142	%	1.00	02/10/2004 12:03	

PCBs

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8082 Test(s): 8082
Sample ID: BU-2A-2D Lab ID: 2004-02-0206 - 33
Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 12:23	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 12:23	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 12:23	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 12:23	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 12:23	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 12:23	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 12:23	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	89.3	50-125	%	1.00	02/10/2004 12:23	
Decachlorobiphenyl (PCB/8082)	91.4	46-142	%	1.00	02/10/2004 12:23	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: TP-1-1,1-2 Lab ID: 2004-02-0206 - 34
Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 12:42	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 12:42	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 12:42	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 12:42	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 12:42	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 12:42	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 12:42	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	82.5	50-125	%	1.00	02/10/2004 12:42	
Decachlorobiphenyl (PCB/8082)	75.9	46-142	%	1.00	02/10/2004 12:42	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: TP-3-1,3-2 Lab ID: 2004-02-0206 - 35
Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 13:02	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 13:02	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 13:02	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 13:02	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 13:02	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 13:02	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 13:02	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	89.8	50-125	%	1.00	02/10/2004 13:02	
Decachlorobiphenyl (PCB/8082)	90.0	46-142	%	1.00	02/10/2004 13:02	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: TP-4-2 Lab ID: 2004-02-0206 - 37
Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 13:21	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 13:21	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 13:21	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 13:21	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 13:21	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 13:21	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 13:21	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	88.1	50-125	%	1.00	02/10/2004 13:21	
Decachlorobiphenyl (PCB/8082)	86.2	46-142	%	1.00	02/10/2004 13:21	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: TP-5-2 Lab ID: 2004-02-0206 - 39
Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 14:20	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 14:20	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 14:20	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 14:20	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 14:20	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 14:20	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 14:20	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	81.2	50-125	%	1.00	02/10/2004 14:20	
Decachlorobiphenyl (PCB/8082)	84.1	46-142	%	1.00	02/10/2004 14:20	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: TP-7B Lab ID: 2004-02-0206 - 41
Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 14:39	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 14:39	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 14:39	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 14:39	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 14:39	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 14:39	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 14:39	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	87.5	50-125	%	1.00	02/10/2004 14:39	
Decachlorobiphenyl (PCB/8082)	84.1	46-142	%	1.00	02/10/2004 14:39	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: TP-8B Lab ID: 2004-02-0206 - 44
Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 14:59	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 14:59	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 14:59	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 14:59	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 14:59	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 14:59	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 14:59	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	85.2	50-125	%	1.00	02/10/2004 14:59	
Decachlorobiphenyl (PCB/8082)	93.7	46-142	%	1.00	02/10/2004 14:59	

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Prep(s): 3550/8082 Test(s): 8082
 Sample ID: TP-9B Lab ID: 2004-02-0206 - 46
 Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
 Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 15:19	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 15:19	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 15:19	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 15:19	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 15:19	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 15:19	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 15:19	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	81.9	50-125	%	1.00	02/10/2004 15:19	
Decachlorobiphenyl (PCB/8082)	80.8	46-142	%	1.00	02/10/2004 15:19	

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Prep(s): 3550/8082 Test(s): 8082
 Sample ID: TP-10B Lab ID: 2004-02-0206 - 49
 Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
 Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 15:38	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 15:38	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 15:38	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 15:38	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 15:38	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 15:38	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 15:38	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	80.1	50-125	%	1.00	02/10/2004 15:38	
Decachlorobiphenyl (PCB/8082)	85.1	46-142	%	1.00	02/10/2004 15:38	

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Prep(s): 3550/8082 Test(s): 8082
 Sample ID: TP-11B Lab ID: 2004-02-0206 - 52
 Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
 Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 15:58	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 15:58	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 15:58	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 15:58	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 15:58	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 15:58	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 15:58	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	82.4	50-125	%	1.00	02/10/2004 15:58	
Decachlorobiphenyl (PCB/8082)	86.2	46-142	%	1.00	02/10/2004 15:58	

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Prep(s): 3550/8082 Test(s): 8082
 Sample ID: TP-12B Lab ID: 2004-02-0206 - 54
 Sampled: 02/05/2004 Extracted: 2/9/2004 14:27
 Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 16:17	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 16:17	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 16:17	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 16:17	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 16:17	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 16:17	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 16:17	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.8	50-125	%	1.00	02/10/2004 16:17	
Decachlorobiphenyl (PCB/8082)	95.0	46-142	%	1.00	02/10/2004 16:17	

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Prep(s): 3550/8082 Test(s): 8082
Sample ID: TP-13B Lab ID: 2004-02-0206 - 57
Sampled: 02/06/2004 Extracted: 2/9/2004 14:27
Matrix: Soil QC Batch#: 2004/02/09-02.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	02/10/2004 16:37	
Aroclor 1221	ND	50	ug/Kg	1.00	02/10/2004 16:37	
Aroclor 1232	ND	50	ug/Kg	1.00	02/10/2004 16:37	
Aroclor 1242	ND	50	ug/Kg	1.00	02/10/2004 16:37	
Aroclor 1248	ND	50	ug/Kg	1.00	02/10/2004 16:37	
Aroclor 1254	ND	50	ug/Kg	1.00	02/10/2004 16:37	
Aroclor 1260	ND	50	ug/Kg	1.00	02/10/2004 16:37	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	88.2	50-125	%	1.00	02/10/2004 16:37	
Decachlorobiphenyl (PCB/6082)	95.6	46-142	%	1.00	02/10/2004 16:37	

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Prep(s): 3550/8082 Test(s): 8082
Method Blank Soil QC Batch # 2004/02/09-02.14
MB: 2004/02/09-02.14-001 Date Extracted: 02/09/2004 14:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	02/10/2004 11:04	
Aroclor 1221	ND	50	ug/Kg	02/10/2004 11:04	
Aroclor 1232	ND	50	ug/Kg	02/10/2004 11:04	
Aroclor 1242	ND	50	ug/Kg	02/10/2004 11:04	
Aroclor 1248	ND	50	ug/Kg	02/10/2004 11:04	
Aroclor 1254	ND	50	ug/Kg	02/10/2004 11:04	
Aroclor 1260	ND	50	ug/Kg	02/10/2004 11:04	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	90.1	50-125	%	02/10/2004 11:04	
Decachlorobiphenyl (PCB/6082)	96.1	46-142	%	02/10/2004 11:04	

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Prep(s): 3550/8082 Test(s): 8082
Laboratory Control Spike Soil QC Batch # 2004/02/09-02.14
LCS 2004/02/09-02.14-002 Extracted: 02/09/2004 Analyzed: 02/10/2004 11:23
LCSD 2004/02/09-02.14-003 Extracted: 02/09/2004 Analyzed: 02/10/2004 11:43

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Aroclor 1016	65.1	52.8	66.7	97.6	79.8	20.1	65-135	30	
Aroclor 1260	64.0	61.8	66.7	96.0	93.4	2.7	65-135	30	
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	46.6	33.6	50	93.2	67.2		50-125	0	
Decachlorobiphenyl	49.1	49.7	50	98.2	99.4		46-142	0	

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Prep(s): 3550/8082 Test(s): 8082
Matrix Spike (MS / MSD) Soil QC Batch # 2004/02/09-02.14
TP-4-2 >> MS Lab ID: 2004-02-0206 - 037
MS: 2004/02/09-02.14-004 Extracted: 02/09/2004 Analyzed: 02/10/2004 13:41
Dilution: 1.00
MSD: 2004/02/09-02.14-005 Extracted: 02/09/2004 Analyzed: 02/10/2004 14:00
Dilution: 1.00

Compound	Conc.		Spk Level	Recovery %		RPD	Limits %		Flags		
	MS	MSD		MS	MSD		Rec.	RPD		MS	MSD
Aroclor 1016	234	282	ND	66.4	352.4	424.7	18.6	65-135	30	mso	mso
Aroclor 1260	60.4	54.5	ND	66.4	91.0	82.1	10.3	65-135	30		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	41.1	37.4	50	82.2	74.7			50-125	0		
Decachlorobiphenyl	37.9	34.6	50	75.8	69.3			46-142	0		

Total Lead

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
PB-1	02/05/2004	Soil	20
PB-2	02/05/2004	Soil	21
PB-3	02/05/2004	Soil	22
PB-4	02/05/2004	Soil	23
PB-5	02/05/2004	Soil	24
PB-6	02/05/2004	Soil	25
PB-7	02/05/2004	Soil	26
PB-8	02/05/2004	Soil	27
PB-9	02/05/2004	Soil	28
PB-10	02/05/2004	Soil	29
PB-11	02/05/2004	Soil	31
PB-12	02/05/2004	Soil	32

Total Lead

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Prep(s): 3050B	Test(s): 6010B
Sample ID: PB-1	Lab ID: 2004-02-0206 - 20
Sampled: 02/05/2004	Extracted: 2/9/2004 11:35
Matrix: Soil	QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	1400	1.0	mg/Kg	1.00	02/09/2004 22:00	

Total Lead

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Prep(s): 3050B	Test(s): 6010B
Sample ID: PB-2	Lab ID: 2004-02-0206 - 21
Sampled: 02/05/2004	Extracted: 2/9/2004 11:35
Matrix: Soil	QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	400	1.0	mg/Kg	1.00	02/09/2004 22:10	

Total Lead

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Received: 02/06/2004 18:35

Prep(s): 3050B	Test(s): 6010B
Sample ID: PB-3	Lab ID: 2004-02-0206 - 22
Sampled: 02/05/2004	Extracted: 2/9/2004 11:35
Matrix: Soil	QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	1900	1.0	mg/Kg	1.00	02/09/2004 22:14	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-4 Lab ID: 2004-02-0206 - 23
Sampled: 02/05/2004 Extracted: 2/9/2004 11:35
Matrix: Soil QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	330	1.0	mg/Kg	1.00	02/09/2004 22:17	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-5 Lab ID: 2004-02-0206 - 24
Sampled: 02/05/2004 Extracted: 2/9/2004 11:35
Matrix: Soil QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	210	1.0	mg/Kg	1.00	02/09/2004 22:20	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-6 Lab ID: 2004-02-0206 - 25
Sampled: 02/05/2004 Extracted: 2/9/2004 11:35
Matrix: Soil QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	15	1.0	mg/Kg	1.00	02/09/2004 22:24	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-7 Lab ID: 2004-02-0206 - 26
Sampled: 02/05/2004 Extracted: 2/9/2004 11:35
Matrix: Soil QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	120	1.0	mg/Kg	1.00	02/09/2004 22:46	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-8 Lab ID: 2004-02-0206 - 27
Sampled: 02/05/2004 Extracted: 2/9/2004 11:35
Matrix: Soil QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	4.0	1.0	mg/Kg	1.00	02/09/2004 22:50	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-9 Lab ID: 2004-02-0206 - 28
Sampled: 02/05/2004 Extracted: 2/9/2004 11:35
Matrix: Soil QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	16	1.0	mg/Kg	1.00	02/09/2004 22:53	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-10 Lab ID: 2004-02-0206 - 29
Sampled: 02/05/2004 Extracted: 2/9/2004 11:35
Matrix: Soil QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	11	1.0	mg/Kg	1.00	02/09/2004 22:56	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-11 Lab ID: 2004-02-0206 - 31
Sampled: 02/05/2004 Extracted: 2/9/2004 11:35
Matrix: Soil QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	27	1.0	mg/Kg	1.00	02/09/2004 23:00	

Total Lead

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3050B Test(s): 6010B
Sample ID: PB-12 Lab ID: 2004-02-0206 - 32
Sampled: 02/05/2004 Extracted: 2/9/2004 11:35
Matrix: Soil QC Batch#: 2004/02/09-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	11	1.0	mg/Kg	1.00	02/09/2004 23:03	

Total Lead

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Project: 1989-1B
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Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3050B Test(s): 6010B
Method Blank Soil QC Batch # 2004/02/09-02.15
MB: 2004/02/09-02.15-037 Date Extracted: 02/09/2004 11:35

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	02/09/2004 21:34	

Total Lead

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Batch QC Report

Prep(s): 3050B Test(s): 6010B

Laboratory Control Spike Soil QC Batch # 2004/02/09-02.15

LCS 2004/02/09-02.15-038 Extracted: 02/09/2004 Analyzed: 02/09/2004 21:39
LCSD 2004/02/09-02.15-041 Extracted: 02/09/2004 Analyzed: 02/09/2004 21:53

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Crd. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		% Rec.	RPD	LCS	LCSD
Lead	94.7	95.2	100.0	94.7	95.2	0.5	80-120	20		

Total Lead

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Batch QC Report

Prep(s): 3050B Test(s): 6010B

Matrix Spike (MS / MSD) Soil QC Batch # 2004/02/09-02.15

PB-1 >> MS Lab ID: 2004-02-0206 - 020

MS: 2004/02/09-02.15-044 Extracted: 02/09/2004 Analyzed: 02/09/2004 22:03

MSD: 2004/02/09-02.15-045 Extracted: 02/09/2004 Analyzed: 02/09/2004 22:07

Dilution: 1.00
Dilution: 1.00

Compound	Conc. mg/Kg			Spk. Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec	RPD	MS	MSD
Lead	1880	1776	1360	100.0	520.0	426.2	19.8	75-125	20	ms'	msl

Total Lead

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Legend and Notes

Result Flag

msl

Analyte MS/MSD recoveries were out of QC limits due to Parent sample target analyte concentration exceeding the spiked amount by greater than 4X.

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BU-1A-1D	02/05/2004	Soil	30
BU-2A-2D	02/05/2004	Soil	33
TP-1-1,1-2	02/05/2004	Soil	34
TP-3-1,3-2	02/05/2004	Soil	35
TP-4-2	02/05/2004	Soil	37
TP-5-2	02/05/2004	Soil	39
TP-7B	02/05/2004	Soil	41
TP-8B	02/05/2004	Soil	44
TP-9B	02/05/2004	Soil	46
TP-10B	02/05/2004	Soil	49
TP-11B	02/05/2004	Soil	52
TP-12B	02/06/2004	Soil	54
TP-13B	02/06/2004	Soil	57

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Prep(s): 3050B Test(s): 6010B
7471A 7471A
Sample ID: BU-1A-1D Lab ID: 2004-02-0206 - 30
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 14:58	
Arsenic	2.4	1.0	mg/Kg	1.00	02/10/2004 14:58	
Barium	90	1.0	mg/Kg	1.00	02/10/2004 14:58	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 14:58	
Cadmium	0.53	0.50	mg/Kg	1.00	02/10/2004 14:58	
Chromium	18	1.0	mg/Kg	1.00	02/10/2004 14:58	
Cobalt	4.8	1.0	mg/Kg	1.00	02/10/2004 14:58	
Copper	35	1.0	mg/Kg	1.00	02/10/2004 14:58	
Lead	79	1.0	mg/Kg	1.00	02/10/2004 14:58	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 14:58	
Nickel	11	1.0	mg/Kg	1.00	02/10/2004 14:58	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 14:58	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 14:58	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 14:58	
Vanadium	21	1.0	mg/Kg	1.00	02/10/2004 14:58	
Zinc	100	1.0	mg/Kg	1.00	02/10/2004 14:58	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 14:59	

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Prep(s): 3050B Test(s): 6010B
7471A 7471A
Sample ID: BU-2A-2D Lab ID: 2004-02-0206 - 33
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:01	
Arsenic	3.7	1.0	mg/Kg	1.00	02/10/2004 15:01	
Barium	96	1.0	mg/Kg	1.00	02/10/2004 15:01	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:01	
Cadmium	0.62	0.50	mg/Kg	1.00	02/10/2004 15:01	
Chromium	19	1.0	mg/Kg	1.00	02/10/2004 15:01	
Cobalt	5.4	1.0	mg/Kg	1.00	02/10/2004 15:01	
Copper	31	1.0	mg/Kg	1.00	02/10/2004 15:01	
Lead	61	1.0	mg/Kg	1.00	02/10/2004 15:01	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:01	
Nickel	12	1.0	mg/Kg	1.00	02/10/2004 15:01	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:01	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:01	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:01	
Vanadium	25	1.0	mg/Kg	1.00	02/10/2004 15:01	
Zinc	220	1.0	mg/Kg	1.00	02/10/2004 15:01	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:00	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-1-1,1-2 Lab ID: 2004-02-0206 - 34
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:04	
Arsenic	3.9	1.0	mg/Kg	1.00	02/10/2004 15:04	
Barium	95	1.0	mg/Kg	1.00	02/10/2004 15:04	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:04	
Cadmium	0.52	0.50	mg/Kg	1.00	02/10/2004 15:04	
Chromium	26	1.0	mg/Kg	1.00	02/10/2004 15:04	
Cobalt	6.8	1.0	mg/Kg	1.00	02/10/2004 15:04	
Copper	28	1.0	mg/Kg	1.00	02/10/2004 15:04	
Lead	110	1.0	mg/Kg	1.00	02/10/2004 15:04	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:04	
Nickel	32	1.0	mg/Kg	1.00	02/10/2004 15:04	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:04	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:04	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:04	
Vanadium	30	1.0	mg/Kg	1.00	02/10/2004 15:04	
Zinc	140	1.0	mg/Kg	1.00	02/10/2004 15:04	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:01	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-3-1,3-2 Lab ID: 2004-02-0206 - 35
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:08	
Arsenic	2.5	1.0	mg/Kg	1.00	02/10/2004 15:08	
Barium	86	1.0	mg/Kg	1.00	02/10/2004 15:08	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:08	
Cadmium	0.53	0.50	mg/Kg	1.00	02/10/2004 15:08	
Chromium	16	1.0	mg/Kg	1.00	02/10/2004 15:08	
Cobalt	6.2	1.0	mg/Kg	1.00	02/10/2004 15:08	
Copper	41	1.0	mg/Kg	1.00	02/10/2004 15:08	
Lead	24	1.0	mg/Kg	1.00	02/10/2004 15:08	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:08	
Nickel	16	1.0	mg/Kg	1.00	02/10/2004 15:08	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:08	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:08	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:08	
Vanadium	29	1.0	mg/Kg	1.00	02/10/2004 15:08	
Zinc	120	1.0	mg/Kg	1.00	02/10/2004 15:08	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:02	

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Received: 02/06/2004 18:35

Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-4-2 Lab ID: 2004-02-0206 - 37
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:11	
Arsenic	3.6	1.0	mg/Kg	1.00	02/10/2004 15:11	
Barium	68	1.0	mg/Kg	1.00	02/10/2004 15:11	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:11	
Cadmium	ND	0.50	mg/Kg	1.00	02/10/2004 15:11	
Chromium	15	1.0	mg/Kg	1.00	02/10/2004 15:11	
Cobalt	4.9	1.0	mg/Kg	1.00	02/10/2004 15:11	
Copper	17	1.0	mg/Kg	1.00	02/10/2004 15:11	
Lead	18	1.0	mg/Kg	1.00	02/10/2004 15:11	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:11	
Nickel	12	1.0	mg/Kg	1.00	02/10/2004 15:11	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:11	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:11	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:11	
Vanadium	27	1.0	mg/Kg	1.00	02/10/2004 15:11	
Zinc	230	1.0	mg/Kg	1.00	02/10/2004 15:11	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:04	

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Project: 1989-1B
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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-5-2 Lab ID: 2004-02-0206 - 39
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:14	
Arsenic	2.4	1.0	mg/Kg	1.00	02/10/2004 15:14	
Barium	77	1.0	mg/Kg	1.00	02/10/2004 15:14	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:14	
Cadmium	ND	0.50	mg/Kg	1.00	02/10/2004 15:14	
Chromium	17	1.0	mg/Kg	1.00	02/10/2004 15:14	
Cobalt	6.4	1.0	mg/Kg	1.00	02/10/2004 15:14	
Copper	9.3	1.0	mg/Kg	1.00	02/10/2004 15:14	
Lead	120	1.0	mg/Kg	1.00	02/10/2004 15:14	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:14	
Nickel	10	1.0	mg/Kg	1.00	02/10/2004 15:14	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:14	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:14	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:14	
Vanadium	34	1.0	mg/Kg	1.00	02/10/2004 15:14	
Zinc	45	1.0	mg/Kg	1.00	02/10/2004 15:14	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:05	

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Project: 1989-1B
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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-7B Lab ID: 2004-02-0206 - 41
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:16	
Arsenic	8.6	1.0	mg/Kg	1.00	02/10/2004 15:16	
Barium	65	1.0	mg/Kg	1.00	02/10/2004 15:16	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:16	
Cadmium	2.6	0.50	mg/Kg	1.00	02/10/2004 15:16	
Chromium	21	1.0	mg/Kg	1.00	02/10/2004 15:16	
Cobalt	10	1.0	mg/Kg	1.00	02/10/2004 15:16	
Copper	220	1.0	mg/Kg	1.00	02/10/2004 15:16	
Lead	94	1.0	mg/Kg	1.00	02/10/2004 15:16	
Molybdenum	2.0	1.0	mg/Kg	1.00	02/10/2004 15:16	
Nickel	20	1.0	mg/Kg	1.00	02/10/2004 15:16	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:16	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:16	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:16	
Vanadium	17	1.0	mg/Kg	1.00	02/10/2004 15:16	
Zinc	330	1.0	mg/Kg	1.00	02/10/2004 15:16	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:06	

CAM 17 Metals

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Project: 1989-1B
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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-8B Lab ID: 2004-02-0206 - 44
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:21	
Arsenic	2.3	1.0	mg/Kg	1.00	02/10/2004 15:21	
Barium	90	1.0	mg/Kg	1.00	02/10/2004 15:21	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:21	
Cadmium	ND	0.50	mg/Kg	1.00	02/10/2004 15:21	
Chromium	14	1.0	mg/Kg	1.00	02/10/2004 15:21	
Cobalt	5.5	1.0	mg/Kg	1.00	02/10/2004 15:21	
Copper	9.9	1.0	mg/Kg	1.00	02/10/2004 15:21	
Lead	4.0	1.0	mg/Kg	1.00	02/10/2004 15:21	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:21	
Nickel	10	1.0	mg/Kg	1.00	02/10/2004 15:21	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:21	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:21	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:21	
Vanadium	31	1.0	mg/Kg	1.00	02/10/2004 15:21	
Zinc	59	1.0	mg/Kg	1.00	02/10/2004 15:21	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:07	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-9B Lab ID: 2004-02-0206 - 46
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:24	
Arsenic	3.4	1.0	mg/Kg	1.00	02/10/2004 15:24	
Barium	88	1.0	mg/Kg	1.00	02/10/2004 15:24	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:24	
Cadmium	0.53	0.50	mg/Kg	1.00	02/10/2004 15:24	
Chromium	17	1.0	mg/Kg	1.00	02/10/2004 15:24	
Cobalt	6.5	1.0	mg/Kg	1.00	02/10/2004 15:24	
Copper	15	1.0	mg/Kg	1.00	02/10/2004 15:24	
Lead	20	1.0	mg/Kg	1.00	02/10/2004 15:24	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:24	
Nickel	12	1.0	mg/Kg	1.00	02/10/2004 15:24	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:24	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:24	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:24	
Vanadium	31	1.0	mg/Kg	1.00	02/10/2004 15:24	
Zinc	390	1.0	mg/Kg	1.00	02/10/2004 15:24	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:11	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-10B Lab ID: 2004-02-0206 - 49
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:46	
Arsenic	3.2	1.0	mg/Kg	1.00	02/10/2004 15:46	
Barium	89	1.0	mg/Kg	1.00	02/10/2004 15:46	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:46	
Cadmium	3.6	0.50	mg/Kg	1.00	02/10/2004 15:46	
Chromium	20	1.0	mg/Kg	1.00	02/10/2004 15:46	
Cobalt	6.5	1.0	mg/Kg	1.00	02/10/2004 15:46	
Copper	38	1.0	mg/Kg	1.00	02/10/2004 15:46	
Lead	60	1.0	mg/Kg	1.00	02/10/2004 15:46	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:46	
Nickel	15	1.0	mg/Kg	1.00	02/10/2004 15:46	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:46	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:46	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:46	
Vanadium	28	1.0	mg/Kg	1.00	02/10/2004 15:46	
Zinc	260	1.0	mg/Kg	1.00	02/10/2004 15:46	
Mercury	0.26	0.050	mg/Kg	1.00	02/10/2004 15:12	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-11B Lab ID: 2004-02-0206 - 52
Sampled: 02/05/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:49	
Arsenic	2.6	1.0	mg/Kg	1.00	02/10/2004 15:49	
Barium	93	1.0	mg/Kg	1.00	02/10/2004 15:49	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:49	
Cadmium	ND	0.50	mg/Kg	1.00	02/10/2004 15:49	
Chromium	16	1.0	mg/Kg	1.00	02/10/2004 15:49	
Cobalt	6.3	1.0	mg/Kg	1.00	02/10/2004 15:49	
Copper	9.1	1.0	mg/Kg	1.00	02/10/2004 15:49	
Lead	7.0	1.0	mg/Kg	1.00	02/10/2004 15:49	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:49	
Nickel	9.3	1.0	mg/Kg	1.00	02/10/2004 15:49	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:49	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:49	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:49	
Vanadium	33	1.0	mg/Kg	1.00	02/10/2004 15:49	
Zinc	66	1.0	mg/Kg	1.00	02/10/2004 15:49	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:14	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-12B Lab ID: 2004-02-0206 - 54
Sampled: 02/06/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:52	
Arsenic	3.0	1.0	mg/Kg	1.00	02/10/2004 15:52	
Barium	84	1.0	mg/Kg	1.00	02/10/2004 15:52	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:52	
Cadmium	ND	0.50	mg/Kg	1.00	02/10/2004 15:52	
Chromium	14	1.0	mg/Kg	1.00	02/10/2004 15:52	
Cobalt	6.2	1.0	mg/Kg	1.00	02/10/2004 15:52	
Copper	6.7	1.0	mg/Kg	1.00	02/10/2004 15:52	
Lead	19	1.0	mg/Kg	1.00	02/10/2004 15:52	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:52	
Nickel	10	1.0	mg/Kg	1.00	02/10/2004 15:52	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:52	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:52	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:52	
Vanadium	32	1.0	mg/Kg	1.00	02/10/2004 15:52	
Zinc	170	1.0	mg/Kg	1.00	02/10/2004 15:52	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:15	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: TP-13B Lab ID: 2004-02-0206 - 57
Sampled: 02/06/2004 Extracted: 2/9/2004 13:45
2/9/2004 14:03
Matrix: Soil QC Batch#: 2004/02/09-03.16
2004/02/09-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	02/10/2004 15:56	
Arsenic	2.0	1.0	mg/Kg	1.00	02/10/2004 15:56	
Barium	61	1.0	mg/Kg	1.00	02/10/2004 15:56	
Beryllium	ND	0.50	mg/Kg	1.00	02/10/2004 15:56	
Cadmium	ND	0.50	mg/Kg	1.00	02/10/2004 15:56	
Chromium	9.2	1.0	mg/Kg	1.00	02/10/2004 15:56	
Cobalt	4.8	1.0	mg/Kg	1.00	02/10/2004 15:56	
Copper	5.2	1.0	mg/Kg	1.00	02/10/2004 15:56	
Lead	21	1.0	mg/Kg	1.00	02/10/2004 15:56	
Molybdenum	ND	1.0	mg/Kg	1.00	02/10/2004 15:56	
Nickel	4.5	1.0	mg/Kg	1.00	02/10/2004 15:56	
Selenium	ND	2.0	mg/Kg	1.00	02/10/2004 15:56	
Silver	ND	1.0	mg/Kg	1.00	02/10/2004 15:56	
Thallium	ND	1.0	mg/Kg	1.00	02/10/2004 15:56	
Vanadium	21	1.0	mg/Kg	1.00	02/10/2004 15:56	
Zinc	120	1.0	mg/Kg	1.00	02/10/2004 15:56	
Mercury	ND	0.050	mg/Kg	1.00	02/10/2004 15:16	

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Batch QC Report
Prep(s): 7471A Test(s): 7471A
Method Blank Soil QC Batch # 2004/02/09-03.16
MB: 2004/02/09-03.16-077 Date Extracted: 02/09/2004 13:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	02/10/2004 14:42	

CAM 17 Metals

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
Method Blank Soil QC Batch # 2004/02/09-04.15
MB: 2004/02/09-04.15-078 Date Extracted: 02/09/2004 14:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	02/10/2004 13:06	
Arsenic	ND	1.0	mg/Kg	02/10/2004 13:06	
Barium	ND	1.0	mg/Kg	02/10/2004 13:06	
Beryllium	ND	0.50	mg/Kg	02/10/2004 13:06	
Cadmium	ND	0.50	mg/Kg	02/10/2004 13:06	
Chromium	ND	1.0	mg/Kg	02/10/2004 13:06	
Cobalt	ND	1.0	mg/Kg	02/10/2004 13:06	
Copper	ND	1.0	mg/Kg	02/10/2004 13:06	
Lead	ND	1.0	mg/Kg	02/10/2004 13:06	
Molybdenum	ND	1.0	mg/Kg	02/10/2004 13:06	
Nickel	ND	1.0	mg/Kg	02/10/2004 13:06	
Selenium	ND	2.0	mg/Kg	02/10/2004 13:06	
Silver	ND	1.0	mg/Kg	02/10/2004 13:06	
Thallium	ND	1.0	mg/Kg	02/10/2004 13:06	
Vanadium	ND	1.0	mg/Kg	02/10/2004 13:06	
Zinc	ND	1.0	mg/Kg	02/10/2004 13:06	

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
Laboratory Control Spike Soil QC Batch # 2004/02/09-04.15
LCS 2004/02/09-04.15-079 Extracted: 02/09/2004 Analyzed: 02/10/2004 13:11
LCSD 2004/02/09-04.15-080 Extracted: 02/09/2004 Analyzed: 02/10/2004 13:14

Compound	Conc		Exp. Conc.	Recovery %		RPD	Ctrl Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Antimony	101	99.0	100.0	101.0	99.0	2.0	80-120	20	
Arsenic	104	101	100.0	104.0	101.0	2.9	80-120	20	
Barium	98.1	96.0	100.0	98.1	96.0	2.2	80-120	20	
Beryllium	101	98.5	100.0	101.0	98.5	2.5	80-120	20	
Cadmium	95.9	94.2	100.0	95.9	94.2	1.8	80-120	20	
Chromium	100	97.2	100.0	100.0	97.2	2.8	80-120	20	
Cobalt	97.8	96.0	100.0	97.8	96.0	1.9	80-120	20	
Copper	103	100.0	100.0	103.0	100.0	3.0	80-120	20	
Lead	97.0	95.8	100.0	97.0	95.8	1.2	80-120	20	
Molybdenum	95.5	93.6	100.0	95.5	93.6	2.0	80-120	20	
Nickel	97.1	95.2	100.0	97.1	95.2	2.0	80-120	20	
Selenium	91.8	89.8	100.0	91.8	89.8	2.2	80-120	20	
Silver	99.5	97.3	100.0	99.5	97.3	2.2	80-120	20	
Thallium	94.8	92.6	100.0	94.8	92.6	2.3	80-120	20	
Vanadium	101	99.2	100.0	101.0	99.2	1.8	80-120	20	
Zinc	96.5	94.4	100.0	96.5	94.4	2.2	80-120	20	

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Batch QC Report

Prep(s): 7471A Test(s): 7471A

Laboratory Control Spike Soil QC Batch # 2004/02/09-03.16
LCS 2004/02/09-03.16-078 Extracted: 02/09/2004 Analyzed: 02/10/2004 14:43
LCSD 2004/02/09-03.16-079 Extracted: 02/09/2004 Analyzed: 02/10/2004 14:44

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Mercury	0.515	0.506	0.500	103.0	101.2	1.8	85-115	20	

Gas/BTEX Compounds by 8015M/8021

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
TP-1-1,1-2	02/05/2004	Soil	34
TP-3-1,3-2	02/05/2004	Soil	35
TP-4-2	02/05/2004	Soil	37
TP-5-2	02/05/2004	Soil	39
TP-7B	02/05/2004	Soil	41
TP-8B	02/05/2004	Soil	44
TP-9B	02/05/2004	Soil	46
TP-10B	02/05/2004	Soil	49
TP-11B	02/05/2004	Soil	52
TP-12B	02/06/2004	Soil	54
TP-13B	02/06/2004	Soil	57

Gas/BTEX Compounds by 8015M/8021

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Received: 02/06/2004 18:35

Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-1-1,1-2 Lab ID: 2004-02-0206 - 34
Sampled: 02/05/2004 Extracted: 2/11/2004 12:22
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 12:22	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 12:22	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 12:22	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 12:22	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 12:22	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 12:22	
<i>Surrogate(s)</i>						
Trifluorotoluene	101.9	53-125	%	1.00	02/11/2004 12:22	
4-Bromofluorobenzene-FID	74.8	58-124	%	1.00	02/11/2004 12:22	

Gas/BTEX Compounds by 8015M/8021

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Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-3-1,3-2 Lab ID: 2004-02-0206 - 35
Sampled: 02/05/2004 Extracted: 2/11/2004 12:49
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 12:49	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 12:49	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 12:49	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 12:49	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 12:49	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 12:49	
<i>Surrogate(s)</i>						
Trifluorotoluene	108.5	53-125	%	1.00	02/11/2004 12:49	
4-Bromofluorobenzene-FID	88.9	58-124	%	1.00	02/11/2004 12:49	

Gas/BTEX Compounds by 8015M/8021

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Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-4-2 Lab ID: 2004-02-0206 - 37
Sampled: 02/05/2004 Extracted: 2/11/2004 13:16
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 13:16	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 13:16	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 13:16	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 13:16	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 13:16	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 13:16	
<i>Surrogate(s)</i>						
Trifluorotoluene	67.5	53-125	%	1.00	02/11/2004 13:16	
Trifluorotoluene-FID	63.0	53-125	%	1.00	02/11/2004 13:16	

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-5-2 Lab ID: 2004-02-0206 - 39
Sampled: 02/05/2004 Extracted: 2/11/2004 13:43
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 13:43	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 13:43	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 13:43	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 13:43	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 13:43	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 13:43	
<i>Surrogate(s)</i>						
Trifluorotoluene	97.7	53-125	%	1.00	02/11/2004 13:43	
4-Bromofluorobenzene-FID	80.2	58-124	%	1.00	02/11/2004 13:43	

Gas/BTEX Compounds by 8015M/8021

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Received: 02/06/2004 18:35

Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-7B Lab ID: 2004-02-0206 - 41
Sampled: 02/05/2004 Extracted: 2/11/2004 14:10
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 14:10	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 14:10	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 14:10	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 14:10	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 14:10	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 14:10	
<i>Surrogate(s)</i>						
Trifluorotoluene	66.0	53-125	%	1.00	02/11/2004 14:10	
4-Bromofluorobenzene-FID	60.6	53-125	%	1.00	02/11/2004 14:10	

Gas/BTEX Compounds by 8015M/8021

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Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-8B Lab ID: 2004-02-0206 - 44
Sampled: 02/05/2004 Extracted: 2/11/2004 16:51
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 16:51	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 16:51	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 16:51	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 16:51	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 16:51	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 16:51	
<i>Surrogate(s)</i>						
Trifluorotoluene	115.2	53-125	%	1.00	02/11/2004 16:51	
4-Bromofluorobenzene-FID	104.5	58-124	%	1.00	02/11/2004 16:51	

Gas/BTEX Compounds by 8015M/8021

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Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-9B Lab ID: 2004-02-0206 - 46
Sampled: 02/05/2004 Extracted: 2/11/2004 14:37
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 14:37	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 14:37	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 14:37	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 14:37	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 14:37	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 14:37	
<i>Surrogate(s)</i>						
Trifluorotoluene	109.3	53-125	%	1.00	02/11/2004 14:37	
4-Bromofluorobenzene-FID	91.9	58-124	%	1.00	02/11/2004 14:37	

Gas/BTEX Compounds by 8015M/8021

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Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-10B Lab ID: 2004-02-0206 - 49
Sampled: 02/05/2004 Extracted: 2/11/2004 15:04
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 15:04	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 15:04	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 15:04	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 15:04	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 15:04	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 15:04	
<i>Surrogate(s)</i>						
Trifluorotoluene	94.3	53-125	%	1.00	02/11/2004 15:04	
4-Bromofluorobenzene-FID	71.4	58-124	%	1.00	02/11/2004 15:04	

Gas/BTEX Compounds by 8015M/8021

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Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-11B Lab ID: 2004-02-0206 - 52
Sampled: 02/05/2004 Extracted: 2/11/2004 15:30
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 15:30	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 15:30	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 15:30	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 15:30	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 15:30	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 15:30	
Surrogate(s)						
Trifluorotoluene	98.1	53-125	%	1.00	02/11/2004 15:30	
4-Bromofluorobenzene-FID	76.1	58-124	%	1.00	02/11/2004 15:30	

Gas/BTEX Compounds by 8015M/8021

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Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-12B Lab ID: 2004-02-0206 - 54
Sampled: 02/06/2004 Extracted: 2/11/2004 15:57
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 15:57	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 15:57	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 15:57	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 15:57	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 15:57	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 15:57	
Surrogate(s)						
Trifluorotoluene	104.3	53-125	%	1.00	02/11/2004 15:57	
4-Bromofluorobenzene-FID	92.2	58-124	%	1.00	02/11/2004 15:57	

Gas/BTEX Compounds by 8015M/8021

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Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: TP-13B Lab ID: 2004-02-0206 - 57
Sampled: 02/06/2004 Extracted: 2/11/2004 16:24
Matrix: Soil QC Batch#: 2004/02/11-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/11/2004 16:24	
Benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 16:24	
Toluene	ND	0.0050	mg/Kg	1.00	02/11/2004 16:24	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/11/2004 16:24	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/11/2004 16:24	
MTBE	ND	0.0050	mg/Kg	1.00	02/11/2004 16:24	
Surrogate(s)						
Trifluorotoluene	114.0	53-125	%	1.00	02/11/2004 16:24	
4-Bromofluorobenzene-FID	93.0	58-124	%	1.00	02/11/2004 16:24	

Gas/BTEX Compounds by 8015M/8021

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Batch QC Report
Prep(s): 5035 Test(s): 8015M
Method Blank Soil QC Batch # 2004/02/11-01.01
MB: 2004/02/11-01.004 Date Extracted: 02/11/2004 09:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	02/11/2004 09:41	
Benzene	ND	0.0050	mg/Kg	02/11/2004 09:41	
Toluene	ND	0.0050	mg/Kg	02/11/2004 09:41	
Ethyl benzene	ND	0.0050	mg/Kg	02/11/2004 09:41	
Xylene(s)	ND	0.0050	mg/Kg	02/11/2004 09:41	
MTBE	ND	0.0050	mg/Kg	02/11/2004 09:41	
Surrogate(s)					
Trifluorotoluene	87.4	53-125	%	02/11/2004 09:41	
4-Bromofluorobenzene-FID	80.4	58-124	%	02/11/2004 09:41	

Gas/BTEX Compounds by 8015M/8021

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Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 5035 Test(s): 8021B

Laboratory Control Spike Soil QC Batch # 2004/02/11-01.01
 LCS 2004/02/11-01.01-005 Extracted: 02/11/2004 Analyzed: 02/11/2004 10:07
 LCSD 2004/02/11-01.01-006 Extracted: 02/11/2004 Analyzed: 02/11/2004 10:34

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Benzene	0.0969	0.102	0.1000	96.9	102.0	5.1	77-123	35	
Toluene	0.0972	0.102	0.1000	97.2	102.0	4.6	78-122	35	
Ethyl benzene	0.0925	0.0963	0.1000	92.5	96.3	4.0	70-130	35	
Xylene(s)	0.278	0.290	0.300	92.7	96.7	4.2	75-125	35	
Surrogate(s)									
Trifluorotoluene	475	489	500	95.0	97.8		53-125		

Gas/BTEX Compounds by 8015M/8021

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Batch QC Report

Prep(s): 5035 Test(s): 8015M

Laboratory Control Spike Soil QC Batch # 2004/02/11-01.01
 LCS 2004/02/11-01.01-007 Extracted: 02/11/2004 Analyzed: 02/11/2004 11:01
 LCSD 2004/02/11-01.01-008 Extracted: 02/11/2004 Analyzed: 02/11/2004 11:28

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Gasoline	0.474	0.471	0.500	94.8	94.2	0.6	75-125	35	
Surrogate(s)									
4-Bromofluorobenzene-FID	435	459	500	87.0	91.8		58-124		

Gas/BTEX Compounds by 8015M/8021

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Batch QC Report

Prep(s): 5035 Test(s): 8021B

Matrix Spike (MS / MSD) Soil QC Batch # 2004/02/11-01.01
 TP-9B >> MS Lab ID: 2004-02-0206 - 046
 MS: 2004/02/11-01.01-020 Extracted: 02/11/2004 Analyzed: 02/11/2004 17:18
 Dilution: 1.00
 MSD: 2004/02/11-01.01-021 Extracted: 02/11/2004 Analyzed: 02/11/2004 17:45
 Dilution: 1.00

Compound	Conc.		Spk. Level	Recovery %		Limits %		Flags			
	MS	MSD		Sample	mg/Kg	MS	MSD		RPD	Rec.	RPD
Benzene	0.0862	0.0934	ND	0.0870	99.1	94.3	5.0	65-135	35		
Toluene	0.0835	0.0893	ND	0.0870	96.0	90.2	6.2	65-135	35		
Ethyl benzene	0.0759	0.0802	ND	0.0870	87.2	81.0	7.4	65-135	35		
Xylene(s)	0.231	0.239	ND	0.261	80.5	80.5	9.5	65-135	35		
Surrogate(s)											
Trifluorotoluene	483	452		500	96.6	90.4		53-125			

Gas/BTEX Compounds by 8015M/8021

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Batch QC Report

Prep(s): 5035 Test(s): 8015M

Matrix Spike (MS / MSD) Soil QC Batch # 2004/02/11-01.01
 TP-9B >> MS Lab ID: 2004-02-0206 - 046
 MS: 2004/02/11-01.01-024 Extracted: 02/11/2004 Analyzed: 02/11/2004 19:05
 Dilution: 1.00
 MSD: 2004/02/11-01.01-025 Extracted: 02/11/2004 Analyzed: 02/11/2004 19:32
 Dilution: 1.00

Compound	Conc.		Spk. Level	Recovery %		Limits %		Flags			
	MS	MSD		Sample	mg/Kg	MS	MSD		RPD	Rec.	RPD
Gasoline	0.355	0.360	ND	0.463	76.7	74.7	2.6	65-135	35		
Surrogate(s)											
4-Bromofluorobenzene-FID	303	311		500	60.6	62.2		58-124			

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BU-1A-1D	02/05/2004	Soil	30
BU-2A-2D	02/05/2004	Soil	33
TP-1-1,1-2	02/05/2004	Soil	34
TP-3-1,3-2	02/05/2004	Soil	35
TP-4-2	02/05/2004	Soil	37
TP-5-2	02/05/2004	Soil	39
TP-7B	02/05/2004	Soil	41
TP-8B	02/05/2004	Soil	44
TP-9B	02/05/2004	Soil	46
TP-10B	02/05/2004	Soil	49
TP-11B	02/05/2004	Soil	52
TP-12B	02/06/2004	Soil	54
TP-13B	02/06/2004	Soil	57

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BU-1A-1D	Lab ID: 2004-02-0206 - 30
Sampled: 02/05/2004	Extracted: 2/9/2004 12:22
Matrix: Soil	QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	120	5.0	mg/Kg	5.00	02/11/2004 20:33	ldr
Motor Oil	440	250	mg/Kg	5.00	02/11/2004 20:33	
Surrogate(s) o-Terphenyl	NA	60-130	%	5.00	02/11/2004 20:33	sd

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Received: 02/06/2004 18:35

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BU-2A-2D	Lab ID: 2004-02-0206 - 33
Sampled: 02/05/2004	Extracted: 2/9/2004 12:22
Matrix: Soil	QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3.2	1.0	mg/Kg	1.00	02/10/2004 09:47	ldr
Motor Oil	ND	50	mg/Kg	1.00	02/10/2004 09:47	
Surrogate(s) o-Terphenyl	76.4	60-130	%	1.00	02/10/2004 09:47	

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Received: 02/06/2004 18:35

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: TP-1-1,1-2	Lab ID: 2004-02-0206 - 34
Sampled: 02/05/2004	Extracted: 2/9/2004 12:22
Matrix: Soil	QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	19	1.0	mg/Kg	1.00	02/10/2004 10:12	ndp
Motor Oil	56	50	mg/Kg	1.00	02/10/2004 10:12	
Surrogate(s) o-Terphenyl	73.4	60-130	%	1.00	02/10/2004 10:12	

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Received: 02/06/2004 18:35

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-3-1,3-2 Lab ID: 2004-02-0206 - 35
Sampled: 02/05/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3.1	1.0	mg/Kg	1.00	02/10/2004 10:37	ldr
Motor Oil	ND	50	mg/Kg	1.00	02/10/2004 10:37	
Surrogate(s)						
o-Terphenyl	80.8	60-130	%	1.00	02/10/2004 10:37	

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-4-2 Lab ID: 2004-02-0206 - 37
Sampled: 02/05/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	15	1.0	mg/Kg	1.00	02/10/2004 11:02	upd
Motor Oil	ND	50	mg/Kg	1.00	02/10/2004 11:02	
Surrogate(s)						
o-Terphenyl	84.3	60-130	%	1.00	02/10/2004 11:02	

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-5-2 Lab ID: 2004-02-0206 - 39
Sampled: 02/05/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/11/2004 04:07	
Motor Oil	ND	50	mg/Kg	1.00	02/11/2004 04:07	
Surrogate(s)						
o-Terphenyl	75.7	60-130	%	1.00	02/11/2004 04:07	

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-7B Lab ID: 2004-02-0206 - 41
Sampled: 02/05/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	6.0	1.0	mg/Kg	1.00	02/10/2004 11:52	ldr
Motor Oil	ND	50	mg/Kg	1.00	02/10/2004 11:52	
Surrogate(s)						
o-Terphenyl	75.8	60-130	%	1.00	02/10/2004 11:52	

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
Attn.: Tom McCloskey

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Project: 1989-1B
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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-8B Lab ID: 2004-02-0206 - 44
Sampled: 02/05/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	5.8	1.0	mg/Kg	1.00	02/10/2004 12:43	ndp
Motor Oil	ND	50	mg/Kg	1.00	02/10/2004 12:43	
Surrogate(s)						
o-Terphenyl	73.8	60-130	%	1.00	02/10/2004 12:43	

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-9B Lab ID: 2004-02-0206 - 46
Sampled: 02/05/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	29	1.0	mg/Kg	1.00	02/10/2004 18:28	
Motor Oil	320	50	mg/Kg	1.00	02/10/2004 18:28	ldr
Surrogate(s)						
o-Terphenyl	68.6	60-130	%	1.00	02/10/2004 18:28	

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-10B Lab ID: 2004-02-0206 - 49
Sampled: 02/05/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	12	1.0	mg/Kg	1.00	02/10/2004 12:18	upd
Motor Oil	53	50	mg/Kg	1.00	02/10/2004 12:18	
Surrogate(s) o-Terphenyl	90.4	60-130	%	1.00	02/10/2004 12:18	

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-11B Lab ID: 2004-02-0206 - 52
Sampled: 02/05/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	45	5.0	mg/Kg	5.00	02/11/2004 21:03	ldr
Motor Oil	460	250	mg/Kg	5.00	02/11/2004 21:03	
Surrogate(s) o-Terphenyl	NA	60-130	%	5.00	02/11/2004 21:03	sd

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-12B Lab ID: 2004-02-0206 - 54
Sampled: 02/06/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/11/2004 20:02	
Motor Oil	ND	50	mg/Kg	1.00	02/11/2004 20:02	
Surrogate(s) o-Terphenyl	72.9	60-130	%	1.00	02/11/2004 20:02	

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Prep(s): 3550/8015M Test(s): 8015M
Sample ID: TP-13B Lab ID: 2004-02-0206 - 57
Sampled: 02/06/2004 Extracted: 2/9/2004 12:22
Matrix: Soil QC Batch#: 2004/02/09-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.2	1.0	mg/Kg	1.00	02/11/2004 03:36	
Motor Oil	ND	50	mg/Kg	1.00	02/11/2004 03:36	
Surrogate(s) o-Terphenyl	82.8	60-130	%	1.00	02/11/2004 03:36	

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Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M
Method Blank Soil QC Batch # 2004/02/09-03.10
MB: 2004/02/09-03.10-001 Date Extracted: 02/09/2004 12:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	02/10/2004 11:49	
Motor Oil	ND	50	mg/Kg	02/10/2004 11:49	
Surrogates(s) o-Terphenyl	91.7	60-130	%	02/10/2004 11:49	

TEPH w/ Silica Gel Clean-up

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Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M

Laboratory Control Spike Soil QC Batch # 2004/02/09-03.10
LCS 2004/02/09-03.10-002 Extracted: 02/09/2004 Analyzed: 02/10/2004 10:48
LCSD 2004/02/09-03.10-003 Extracted: 02/09/2004 Analyzed: 02/10/2004 11:18

Compound	Conc.		mg/Kg	Exp.Conc.	Recovery %		RPD	Crt.Limits %		Flags
	LCS	LCSD			LCS	LCSD		Rec.	RPD	
Diesel	39.6	41.2	41.6	95.2	99.0	3.9	60-130	25		
Surrogates(s) o-Terphenyl	17.5	18.3	20.0	87.3	91.7		60-130	0		

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Legend and Notes

Result Flag

- ldr Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard
- ndp Hydrocarbon reported does not match the pattern of our Diesel standard
- sd Surrogate recovery not reportable due to required dilution
- upd The compound(s) reported reflect(s) individual or discrete unidentified peaks detected in the diesel range. The pattern does not match a typical fuel standard

Polynuclear Aromatic Hydrocarbons (PNA)

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BU-1A-1D	02/05/2004	Soil	30
BU-2A-2D	02/05/2004	Soil	33
TP-1-1,1-2	02/05/2004	Soil	34
TP-3-1,3-2	02/05/2004	Soil	35
TP-4-2	02/05/2004	Soil	37
TP-5-2	02/05/2004	Soil	39
TP-7B	02/05/2004	Soil	41
TP-8B	02/05/2004	Soil	44
TP-9B	02/05/2004	Soil	46
TP-10B	02/05/2004	Soil	49
TP-11B	02/05/2004	Soil	52
TP-12B	02/06/2004	Soil	54
TP-13B	02/06/2004	Soil	57

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Received: 02/06/2004 18:35

Prep(s): 3550/8310 Test(s): 8310
Sample ID: BU-1A-1D Lab ID: 2004-02-0206 - 30
Sampled: 02/05/2004 Extracted: 2/12/2004 18:45
Matrix: Soil QC Batch#: 2004/02/12-01.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/13/2004 12:59	
Acenaphthylene	ND	10	ug/Kg	1.00	02/13/2004 12:59	
Acenaphthene	ND	10	ug/Kg	1.00	02/13/2004 12:59	
Fluorene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Chrysene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 12:59	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/13/2004 12:59	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/13/2004 12:59	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/13/2004 12:59	
Surrogate(s)						
1-Methyl naphthalene	221.4	50-150	%	1.00	02/13/2004 12:59	sh

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: BU-2A-2D Lab ID: 2004-02-0206 - 33
Sampled: 02/05/2004 Extracted: 2/12/2004 18:45
Matrix: Soil QC Batch#: 2004/02/12-01.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/13/2004 13:19	
Acenaphthylene	ND	10	ug/Kg	1.00	02/13/2004 13:19	
Acenaphthene	ND	10	ug/Kg	1.00	02/13/2004 13:19	
Fluorene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Chrysene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 13:19	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/13/2004 13:19	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/13/2004 13:19	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/13/2004 13:19	
Surrogate(s)						
1-Methyl naphthalene	56.9	50-150	%	1.00	02/13/2004 13:19	

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Received: 02/06/2004 18:35

Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-1-1,1-2 Lab ID: 2004-02-0206 - 34
Sampled: 02/05/2004 Extracted: 2/12/2004 18:45
Matrix: Soil QC Batch#: 2004/02/12-01.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/13/2004 12:38	
Acenaphthylene	ND	10	ug/Kg	1.00	02/13/2004 12:38	
Acenaphthene	ND	10	ug/Kg	1.00	02/13/2004 12:38	
Fluorene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Chrysene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 12:38	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/13/2004 12:38	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/13/2004 12:38	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/13/2004 12:38	
Surrogate(s)						
1-Methyl naphthalene	52.7	50-150	%	1.00	02/13/2004 12:38	

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-3-1,3-2 Lab ID: 2004-02-0206 - 35
Sampled: 02/05/2004 Extracted: 2/10/2004 13:04
Matrix: Soil QC Batch#: 2004/02/10-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/12/2004 14:42	
Acenaphthylene	ND	10	ug/Kg	1.00	02/12/2004 14:42	
Acenaphthene	ND	10	ug/Kg	1.00	02/12/2004 14:42	
Fluorene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Anthracene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Pyrene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Chrysene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/12/2004 14:42	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/12/2004 14:42	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/12/2004 14:42	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/12/2004 14:42	
Surrogate(s)						
1-Methyl naphthalene	54.6	50-150	%	1.00	02/12/2004 14:42	

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-4-2 Lab ID: 2004-02-0206 - 37
Sampled: 02/05/2004 Extracted: 2/12/2004 18:45
Matrix: Soil QC Batch#: 2004/02/12-01.18

Analysis Flag: rl (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	22	ug/Kg	1.44	02/13/2004 13:40	
Acenaphthylene	ND	14	ug/Kg	1.44	02/13/2004 13:40	
Acenaphthene	ND	14	ug/Kg	1.44	02/13/2004 13:40	
Fluorene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Phenanthrene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Anthracene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Fluoranthene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Pyrene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Benzo(a)anthracene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Chrysene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Benzo(b)fluoranthene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Benzo(k)fluoranthene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Benzo(a)pyrene	ND	7.2	ug/Kg	1.44	02/13/2004 13:40	
Dibenzo(a,h)anthracene	ND	14	ug/Kg	1.44	02/13/2004 13:40	
Benzo(g,h,i)perylene	ND	14	ug/Kg	1.44	02/13/2004 13:40	
Indeno(1,2,3-cd)pyrene	ND	14	ug/Kg	1.44	02/13/2004 13:40	
<i>Surrogate(s)</i>						
1-Methyl naphthalene	49.3	50-150	%	1.44	02/13/2004 13:40	sl

Polynuclear Aromatic Hydrocarbons (PNA)

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-5-2 Lab ID: 2004-02-0206 - 39
Sampled: 02/05/2004 Extracted: 2/10/2004 13:04
Matrix: Soil QC Batch#: 2004/02/10-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/12/2004 15:03	
Acenaphthylene	ND	10	ug/Kg	1.00	02/12/2004 15:03	
Acenaphthene	ND	10	ug/Kg	1.00	02/12/2004 15:03	
Fluorene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Anthracene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Pyrene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Chrysene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/12/2004 15:03	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/12/2004 15:03	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/12/2004 15:03	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/12/2004 15:03	
<i>Surrogate(s)</i>						
1-Methyl naphthalene	64.1	50-150	%	1.00	02/12/2004 15:03	

Polynuclear Aromatic Hydrocarbons (PNA)

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-7B Lab ID: 2004-02-0206 - 41
Sampled: 02/05/2004 Extracted: 2/10/2004 13:04
Matrix: Soil QC Batch#: 2004/02/10-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/12/2004 15:23	
Acenaphthylene	ND	10	ug/Kg	1.00	02/12/2004 15:23	
Acenaphthene	ND	10	ug/Kg	1.00	02/12/2004 15:23	
Fluorene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Anthracene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Pyrene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Chrysene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/12/2004 15:23	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/12/2004 15:23	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/12/2004 15:23	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/12/2004 15:23	
<i>Surrogate(s)</i>						
1-Methyl naphthalene	53.2	50-150	%	1.00	02/12/2004 15:23	

Polynuclear Aromatic Hydrocarbons (PNA)

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Project: 1989-1B
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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-8B Lab ID: 2004-02-0206 - 44
Sampled: 02/05/2004 Extracted: 2/10/2004 13:04
Matrix: Soil QC Batch#: 2004/02/10-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/12/2004 15:44	
Acenaphthylene	ND	10	ug/Kg	1.00	02/12/2004 15:44	
Acenaphthene	ND	10	ug/Kg	1.00	02/12/2004 15:44	
Fluorene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Anthracene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Pyrene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Chrysene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/12/2004 15:44	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/12/2004 15:44	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/12/2004 15:44	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/12/2004 15:44	
<i>Surrogate(s)</i>						
1-Methyl naphthalene	74.3	50-150	%	1.00	02/12/2004 15:44	

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-9B Lab ID: 2004-02-0206 - 46
Sampled: 02/05/2004 Extracted: 2/12/2004 18:45
Matrix: Soil QC Batch#: 2004/02/12-01.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/13/2004 14:01	
Acenaphthylene	ND	10	ug/Kg	1.00	02/13/2004 14:01	
Acenaphthene	ND	10	ug/Kg	1.00	02/13/2004 14:01	
Fluorene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Chrysene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 14:01	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/13/2004 14:01	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/13/2004 14:01	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/13/2004 14:01	
<i>Surrogate(s)</i>						
1-Methyl naphthalene	50.2	50-150	%	1.00	02/13/2004 14:01	

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-10B Lab ID: 2004-02-0206 - 49
Sampled: 02/05/2004 Extracted: 2/10/2004 13:04
Matrix: Soil QC Batch#: 2004/02/10-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/13/2004 12:17	
Acenaphthylene	ND	10	ug/Kg	1.00	02/13/2004 12:17	
Acenaphthene	ND	10	ug/Kg	1.00	02/13/2004 12:17	
Fluorene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Chrysene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/13/2004 12:17	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/13/2004 12:17	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/13/2004 12:17	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/13/2004 12:17	
<i>Surrogate(s)</i>						
1-Methyl naphthalene	51.3	50-150	%	1.00	02/13/2004 12:17	

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-11B Lab ID: 2004-02-0206 - 52
Sampled: 02/05/2004 Extracted: 2/10/2004 13:04
Matrix: Soil QC Batch#: 2004/02/10-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/11/2004 12:26	
Acenaphthylene	ND	10	ug/Kg	1.00	02/11/2004 12:26	
Acenaphthene	ND	10	ug/Kg	1.00	02/11/2004 12:26	
Fluorene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Anthracene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Pyrene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Chrysene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/11/2004 12:26	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/11/2004 12:26	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/11/2004 12:26	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/11/2004 12:26	
<i>Surrogate(s)</i>						
1-Methyl naphthalene	64.0	50-150	%	1.00	02/11/2004 12:26	

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-12B Lab ID: 2004-02-0206 - 54
Sampled: 02/06/2004 Extracted: 2/10/2004 13:04
Matrix: Soil QC Batch#: 2004/02/10-02.18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/11/2004 12:46	
Acenaphthylene	ND	10	ug/Kg	1.00	02/11/2004 12:46	
Acenaphthene	ND	10	ug/Kg	1.00	02/11/2004 12:46	
Fluorene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Anthracene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Pyrene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Chrysene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/11/2004 12:46	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/11/2004 12:46	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/11/2004 12:46	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/11/2004 12:46	
<i>Surrogate(s)</i>						
1-Methyl naphthalene	87.7	50-150	%	1.00	02/11/2004 12:46	

Polynuclear Aromatic Hydrocarbons (PNA)

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Prep(s): 3550/8310 Test(s): 8310
Sample ID: TP-13B Lab ID: 2004-02-0206 - 57
Sampled: 02/06/2004 Extracted: 2/10/2004 13:04
Matrix: Soil QC Batch#: 2004/02/10-02-18

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	15	ug/Kg	1.00	02/11/2004 13:07	
Acenaphthylene	ND	10	ug/Kg	1.00	02/11/2004 13:07	
Acenaphthene	ND	10	ug/Kg	1.00	02/11/2004 13:07	
Fluorene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Phenanthrene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Anthracene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Fluoranthene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Pyrene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Benzo(a)anthracene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Chrysene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Benzo(a)pyrene	ND	5.0	ug/Kg	1.00	02/11/2004 13:07	
Dibenzo(a,h)anthracene	ND	10	ug/Kg	1.00	02/11/2004 13:07	
Benzo(g,h,i)perylene	ND	10	ug/Kg	1.00	02/11/2004 13:07	
Indeno(1,2,3-cd)pyrene	ND	10	ug/Kg	1.00	02/11/2004 13:07	
Surrogate(s)						
1-Methyl naphthalene	81.1	50-150	%	1.00	02/11/2004 13:07	

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Batch QC Report
Prep(s): 3550/8310 Test(s): 8310
Method Blank Soil QC Batch # 2004/02/10-02-18
MB: 2004/02/10-02-18-001 Date Extracted: 02/10/2004 13:04

Compound	Conc.	RL	Unit	Analyzed	Flag
Naphthalene	ND	15.0	ug/Kg	02/11/2004 08:48	
Acenaphthylene	ND	10	ug/Kg	02/11/2004 08:48	
Acenaphthene	ND	10	ug/Kg	02/11/2004 08:48	
Fluorene	ND	5.0	ug/Kg	02/11/2004 08:48	
Phenanthrene	ND	5.0	ug/Kg	02/11/2004 08:48	
Anthracene	ND	5.0	ug/Kg	02/11/2004 08:48	
Fluoranthene	ND	5.0	ug/Kg	02/11/2004 08:48	
Pyrene	ND	5.0	ug/Kg	02/11/2004 08:48	
Benzo(a)anthracene	ND	5.0	ug/Kg	02/11/2004 08:48	
Chrysene	ND	5.0	ug/Kg	02/11/2004 08:48	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	02/11/2004 08:48	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	02/11/2004 08:48	
Benzo(a)pyrene	ND	5.0	ug/Kg	02/11/2004 08:48	
Dibenzo(a,h)anthracene	ND	10.0	ug/Kg	02/11/2004 08:48	
Benzo(g,h,i)perylene	ND	10.0	ug/Kg	02/11/2004 08:48	
Indeno(1,2,3-cd)pyrene	ND	10.0	ug/Kg	02/11/2004 08:48	
Surrogate(s)					
1-Methyl naphthalene	66.4	50-150	%	02/11/2004 08:48	

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Received: 02/06/2004 18:35

Batch QC Report
Prep(s): 3550/8310 Test(s): 8310
Method Blank Soil QC Batch # 2004/02/12-01-18
MB: 2004/02/12-01-18-001 Date Extracted: 02/12/2004 18:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Naphthalene	ND	15.0	ug/Kg	02/13/2004 09:54	
Acenaphthylene	ND	10	ug/Kg	02/13/2004 09:54	
Acenaphthene	ND	10	ug/Kg	02/13/2004 09:54	
Fluorene	ND	5.0	ug/Kg	02/13/2004 09:54	
Phenanthrene	ND	5.0	ug/Kg	02/13/2004 09:54	
Anthracene	ND	5.0	ug/Kg	02/13/2004 09:54	
Fluoranthene	ND	5.0	ug/Kg	02/13/2004 09:54	
Pyrene	ND	5.0	ug/Kg	02/13/2004 09:54	
Benzo(a)anthracene	ND	5.0	ug/Kg	02/13/2004 09:54	
Chrysene	ND	5.0	ug/Kg	02/13/2004 09:54	
Benzo(b)fluoranthene	ND	5.0	ug/Kg	02/13/2004 09:54	
Benzo(k)fluoranthene	ND	5.0	ug/Kg	02/13/2004 09:54	
Benzo(a)pyrene	ND	5.0	ug/Kg	02/13/2004 09:54	
Dibenzo(a,h)anthracene	ND	10.0	ug/Kg	02/13/2004 09:54	
Benzo(g,h,i)perylene	ND	10.0	ug/Kg	02/13/2004 09:54	
Indeno(1,2,3-cd)pyrene	ND	10.0	ug/Kg	02/13/2004 09:54	
Surrogate(s)					
1-Methyl naphthalene	64.6	50-150	%	02/13/2004 09:54	

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Batch QC Report
Prep(s): 3550/8310 Test(s): 8310
Laboratory Control Spike Soil QC Batch # 2004/02/10-02-18
LCS 2004/02/10-02-18-002 Extracted 02/10/2004 Analyzed: 02/11/2004 09:09
LCSD 2004/02/10-02-18-003 Extracted 02/10/2004 Analyzed: 02/11/2004 09:29

Compound	Conc.	ug/Kg	Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags
				LCS	LCSD		%	Rec.	
Naphthalene	210	228	333	63.1	68.5	8.2	50-150	35	
Phenanthrene	266	294	333	79.9	88.3	10.0	50-150	35	
Pyrene	284	316	333	85.3	94.9	10.7	50-150	35	
Chrysene	319	362	333	95.8	109.7	12.6	50-150	35	
Benzo(a)pyrene	272	316	333	81.7	94.9	14.9	50-150	35	
Surrogate(s)									
1-Methyl naphthalene	9.28	10.2	15	61.9	68.3		50-150	0	

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Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8310 Test(s): 8310

Laboratory Control Spike Soil QC Batch # 2004/02/12-01.18

LCS 2004/02/12-01.18-002 Extracted: 02/12/2004 Analyzed: 02/13/2004 10:15
LCSD 2004/02/12-01.18-003 Extracted: 02/12/2004 Analyzed: 02/13/2004 10:56

Compound	Conc. ug/Kg		Exp. Conc.	Recovery %		RPD	Crt. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Naphthalene	198	194	333	59.5	58.3	2.0	50-150	35		
Phenanthrene	267	262	333	80.2	78.7	1.9	50-150	35		
Pyrene	277	275	333	83.2	82.6	0.7	50-150	35		
Chrysene	308	307	333	92.5	92.2	0.3	50-150	35		
Benzo(a)pyrene	263	261	333	79.0	78.4	0.8	50-150	35		
Surrogate(s)										
1-Methyl naphthalene	9.40	9.52	15	62.7	63.5		50-150	0		

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Legend and Notes

Analysis Flag

ri Reporting limits raised due to reduced sample size.

Result Flag

sh Surrogate recovery was higher than QC limit due to matrix interference.
sl Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.

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Organochlorine Pesticides Analysis

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-21	02/04/2004	Soil	1
AG-22	02/04/2004	Soil	2
AG-23	02/04/2004	Soil	3
AG-24	02/04/2004	Soil	4
AG-26	02/04/2004	Soil	6
AG-27	02/04/2004	Soil	7
AG-28	02/04/2004	Soil	8
AG-29	02/04/2004	Soil	9
AG-30	02/04/2004	Soil	10
AG-31	02/04/2004	Soil	11
AG-32	02/04/2004	Soil	12
AG-33	02/04/2004	Soil	13
AG-34	02/04/2004	Soil	14
AG-35	02/04/2004	Soil	15
AG-36	02/04/2004	Soil	16
AG-37	02/04/2004	Soil	17
AG-38	02/04/2004	Soil	18
AG-39	02/04/2004	Soil	19
BU-1A-1D	02/05/2004	Soil	30
BU-2A-2D	02/05/2004	Soil	31
TP-1-1,1-2	02/05/2004	Soil	32
TP-3-1,3-2	02/05/2004	Soil	35
TP-4-2	02/05/2004	Soil	37
TP-5-2	02/05/2004	Soil	39
TP-7B	02/05/2004	Soil	41
TP-8B	02/05/2004	Soil	44
TP-9B	02/05/2004	Soil	46

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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2258 Camino Ramon
San Ramon, CA 94583
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Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-21 Lab ID: 2004-02-0206 - 1
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Dieldrin	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endrin aldehyde	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endrin	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endrin ketone	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Heptachlor	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Heptachlor epoxide	ND	20	ug/Kg	10.00	02/14/2004 22:04	
4,4'-DDT	42	20	ug/Kg	10.00	02/14/2004 22:04	
4,4'-DDE	190	20	ug/Kg	10.00	02/14/2004 22:04	
4,4'-DDD	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endosulfan I	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endosulfan II	ND	20	ug/Kg	10.00	02/14/2004 22:04	
alpha-BHC	ND	20	ug/Kg	10.00	02/14/2004 22:04	
beta-BHC	ND	20	ug/Kg	10.00	02/14/2004 22:04	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	02/14/2004 22:04	
delta-BHC	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endosulfan sulfate	ND	20	ug/Kg	10.00	02/14/2004 22:04	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Toxaphene	ND	1000	ug/Kg	10.00	02/14/2004 22:04	
Chlordane (Technical)	ND	500	ug/Kg	10.00	02/14/2004 22:04	
alpha-Chlordane	ND	20	ug/Kg	10.00	02/14/2004 22:04	
gamma-Chlordane	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	02/14/2004 22:04	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	02/14/2004 22:04	

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Organochlorine Pesticides Analysis

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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-22 Lab ID: 2004-02-0206 - 2
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-23 Lab ID: 2004-02-0206 - 3
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Analysis Flag: sdo (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-24 Lab ID: 2004-02-0206 - 4
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-26 Lab ID: 2004-02-0206 - 6
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

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Received: 02/06/2004 18:35

Prep(s): 3550/8081
Sample ID: AG-27
Sampled: 02/04/2004
Matrix: Soil

Test(s): 8081
Lab ID: 2004-02-0206 - 7
Extracted: 2/10/2004 08:13
QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Dieldrin	2.0	2.0	ug/Kg	1.00	02/15/2004 13:14	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
4,4'-DDT	12	2.0	ug/Kg	1.00	02/15/2004 13:14	
4,4'-DDE	30	2.0	ug/Kg	1.00	02/15/2004 13:14	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 13:14	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 13:14	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 13:14	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.3	50-125	%	1.00	02/15/2004 13:14	
Decachlorobiphenyl (Pest/8081)	93.6	46-142	%	1.00	02/15/2004 13:14	

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081
Sample ID: AG-28
Sampled: 02/04/2004
Matrix: Soil

Test(s): 8081
Lab ID: 2004-02-0206 - 8
Extracted: 2/10/2004 08:13
QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Dieldrin	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
4,4'-DDT	6.2	2.0	ug/Kg	1.00	02/15/2004 13:45	
4,4'-DDE	17	2.0	ug/Kg	1.00	02/15/2004 13:45	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 13:45	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 13:45	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 13:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	94.0	50-125	%	1.00	02/15/2004 13:45	
Decachlorobiphenyl (Pest/8081)	84.9	46-142	%	1.00	02/15/2004 13:45	

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Received: 02/06/2004 18:35

Prep(s): 3550/8081
Sample ID: AG-29
Sampled: 02/04/2004
Matrix: Soil

Test(s): 8081
Lab ID: 2004-02-0206 - 9
Extracted: 2/10/2004 08:13
QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Dieldrin	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
4,4'-DDE	4.0	2.0	ug/Kg	1.00	02/15/2004 14:16	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 14:16	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 14:16	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 14:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	84.3	50-125	%	1.00	02/15/2004 14:16	
Decachlorobiphenyl (Pest/8081)	83.1	46-142	%	1.00	02/15/2004 14:16	

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081
Sample ID: AG-30
Sampled: 02/04/2004
Matrix: Soil

Test(s): 8081
Lab ID: 2004-02-0206 - 10
Extracted: 2/10/2004 08:13
QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Dieldrin	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
4,4'-DDE	5.0	2.0	ug/Kg	1.00	02/15/2004 14:46	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 14:46	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 14:46	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 14:46	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	81.1	50-125	%	1.00	02/15/2004 14:46	
Decachlorobiphenyl (Pest/8081)	77.1	46-142	%	1.00	02/15/2004 14:46	

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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-31	Lab ID: 2004-02-0206 - 11
Sampled: 02/04/2004	Extracted: 2/10/2004 08:13
Matrix: Soil	QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Dieldrin	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
4,4'-DDE	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 15:17	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 15:17	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 15:17	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	91.8	50-125	%	1.00	02/15/2004 15:17	
Decachlorobiphenyl (Pest/8081)	87.0	46-142	%	1.00	02/15/2004 15:17	

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-32	Lab ID: 2004-02-0206 - 12
Sampled: 02/04/2004	Extracted: 2/10/2004 08:13
Matrix: Soil	QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Dieldrin	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
4,4'-DDE	3.5	2.0	ug/Kg	1.00	02/15/2004 15:48	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endosulfan sulfate	2.4	2.0	ug/Kg	1.00	02/15/2004 15:48	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 15:48	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 15:48	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	67.7	50-125	%	1.00	02/15/2004 15:48	
Decachlorobiphenyl (Pest/8081)	85.7	46-142	%	1.00	02/15/2004 15:48	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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2258 Camino Ramon
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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-33	Lab ID: 2004-02-0206 - 13
Sampled: 02/04/2004	Extracted: 2/10/2004 08:13
Matrix: Soil	QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Dieldrin	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endrin	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endrin ketone	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Heptachlor	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/15/2004 16:19	
4,4'-DDT	37	10	ug/Kg	5.00	02/15/2004 16:19	
4,4'-DDE	65	10	ug/Kg	5.00	02/15/2004 16:19	
4,4'-DDD	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endosulfan I	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endosulfan II	ND	10	ug/Kg	5.00	02/15/2004 16:19	
alpha-BHC	ND	10	ug/Kg	5.00	02/15/2004 16:19	
beta-BHC	ND	10	ug/Kg	5.00	02/15/2004 16:19	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/15/2004 16:19	
delta-BHC	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endosulfan sulfate	ND	10	ug/Kg	5.00	02/15/2004 16:19	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Toxaphene	ND	500	ug/Kg	5.00	02/15/2004 16:19	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/15/2004 16:19	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 16:19	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	87.8	50-125	%	5.00	02/15/2004 16:19	
Decachlorobiphenyl (Pest/8081)	79.5	46-142	%	5.00	02/15/2004 16:19	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 3550/8081	Test(s): 8081
Sample ID: AG-34	Lab ID: 2004-02-0206 - 14
Sampled: 02/04/2004	Extracted: 2/10/2004 08:13
Matrix: Soil	QC Batch#: 2004/02/10-01.13

Analysis Flag: sdc (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Dieldrin	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endrin aldehyde	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endrin	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endrin ketone	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Heptachlor	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Heptachlor epoxide	ND	20	ug/Kg	10.00	02/15/2004 16:50	
4,4'-DDT	42	20	ug/Kg	10.00	02/15/2004 16:50	
4,4'-DDE	94	20	ug/Kg	10.00	02/15/2004 16:50	
4,4'-DDD	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endosulfan I	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endosulfan II	ND	20	ug/Kg	10.00	02/15/2004 16:50	
alpha-BHC	ND	20	ug/Kg	10.00	02/15/2004 16:50	
beta-BHC	ND	20	ug/Kg	10.00	02/15/2004 16:50	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	02/15/2004 16:50	
delta-BHC	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endosulfan sulfate	ND	20	ug/Kg	10.00	02/15/2004 16:50	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Toxaphene	ND	1000	ug/Kg	10.00	02/15/2004 16:50	
Chlordane (Technical)	ND	500	ug/Kg	10.00	02/15/2004 16:50	
alpha-Chlordane	ND	20	ug/Kg	10.00	02/15/2004 16:50	
gamma-Chlordane	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	02/15/2004 16:50	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	02/15/2004 16:50	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-35 Lab ID: 2004-02-0206 - 15
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1B
Fancoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-36 Lab ID: 2004-02-0206 - 16
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-37 Lab ID: 2004-02-0206 - 17
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-38 Lab ID: 2004-02-0206 - 18
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Received: 02/06/2004 18:35

Prep(s): 3550/8081
Sample ID: AG-39
Sampled: 02/04/2004
Matrix: SoilTest(s): 8081
Lab ID: 2004-02-0206 - 19
Extracted: 2/10/2004 08:13
QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Dieldrin	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
4,4'-DDT	5.5	2.0	ug/Kg	1.00	02/15/2004 16:14	
4,4'-DDE	20	2.0	ug/Kg	1.00	02/15/2004 16:14	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 16:14	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 16:14	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 16:14	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	88.8	50-125	%	1.00	02/15/2004 16:14	
Decachlorobiphenyl (Pest/8081)	93.0	46-142	%	1.00	02/15/2004 16:14	

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Organochlorine Pesticides Analysis

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Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081
Sample ID: BU-1A-1D
Sampled: 02/05/2004
Matrix: SoilTest(s): 8081
Lab ID: 2004-02-0206 - 30
Extracted: 2/9/2004 14:36
QC Batch#: 2004/02/09-03.13

Analysis Flag: Irm (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Dieldrin	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endrin	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endrin ketone	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Heptachlor	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/15/2004 18:18	
4,4'-DDT	ND	10	ug/Kg	5.00	02/15/2004 18:18	
4,4'-DDE	ND	10	ug/Kg	5.00	02/15/2004 18:18	
4,4'-DDD	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endosulfan I	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endosulfan II	ND	10	ug/Kg	5.00	02/15/2004 18:18	
alpha-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:18	
beta-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:18	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/15/2004 18:18	
delta-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endosulfan sulfate	ND	10	ug/Kg	5.00	02/15/2004 18:18	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Toxaphene	ND	500	ug/Kg	5.00	02/15/2004 18:18	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/15/2004 18:18	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 18:18	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	76.2	50-125	%	5.00	02/15/2004 18:18	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	5.00	02/15/2004 18:18	s

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081
Sample ID: BU-2A-2D
Sampled: 02/05/2004
Matrix: SoilTest(s): 8081
Lab ID: 2004-02-0206 - 33
Extracted: 2/9/2004 14:36
QC Batch#: 2004/02/09-03.13

Analysis Flag: Irm (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Dieldrin	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endrin	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endrin ketone	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Heptachlor	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/15/2004 18:50	
4,4'-DDT	ND	10	ug/Kg	5.00	02/15/2004 18:50	
4,4'-DDE	ND	10	ug/Kg	5.00	02/15/2004 18:50	
4,4'-DDD	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endosulfan I	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endosulfan II	ND	10	ug/Kg	5.00	02/15/2004 18:50	
alpha-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:50	
beta-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:50	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/15/2004 18:50	
delta-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endosulfan sulfate	ND	10	ug/Kg	5.00	02/15/2004 18:50	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Toxaphene	ND	500	ug/Kg	5.00	02/15/2004 18:50	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/15/2004 18:50	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 18:50	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.0	50-125	%	5.00	02/15/2004 18:50	
Decachlorobiphenyl (Pest/8081)	74.1	46-142	%	5.00	02/15/2004 18:50	

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Organochlorine Pesticides Analysis

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Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081
Sample ID: TP-1-1,1-2
Sampled: 02/05/2004
Matrix: SoilTest(s): 8081
Lab ID: 2004-02-0206 - 34
Extracted: 2/9/2004 14:36
QC Batch#: 2004/02/09-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Dieldrin	150	10	ug/Kg	5.00	02/15/2004 19:21	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endrin	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endrin ketone	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Heptachlor	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/15/2004 19:21	
4,4'-DDT	ND	10	ug/Kg	5.00	02/15/2004 19:21	
4,4'-DDE	ND	10	ug/Kg	5.00	02/15/2004 19:21	
4,4'-DDD	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endosulfan I	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endosulfan II	ND	10	ug/Kg	5.00	02/15/2004 19:21	
alpha-BHC	ND	10	ug/Kg	5.00	02/15/2004 19:21	
beta-BHC	ND	10	ug/Kg	5.00	02/15/2004 19:21	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/15/2004 19:21	
delta-BHC	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endosulfan sulfate	ND	10	ug/Kg	5.00	02/15/2004 19:21	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Toxaphene	ND	500	ug/Kg	5.00	02/15/2004 19:21	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/15/2004 19:21	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 19:21	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	82.7	50-125	%	5.00	02/15/2004 19:21	
Decachlorobiphenyl (Pest/8081)	38.9	46-142	%	5.00	02/15/2004 19:21	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-3-1,3-2 Lab ID: 2004-02-0206 - 35
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Dieldrin	5.7	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
4,4'-DDT	25	2.0	ug/Kg	1.00	02/15/2004 19:52	
4,4'-DDE	14	2.0	ug/Kg	1.00	02/15/2004 19:52	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 19:52	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 19:52	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
gamma-Chlordane	2.2	2.0	ug/Kg	1.00	02/15/2004 19:52	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	100.6	50-125	%	1.00	02/15/2004 19:52	
Decachlorobiphenyl (Pest/8081)	102.7	46-142	%	1.00	02/15/2004 19:52	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-4-2 Lab ID: 2004-02-0206 - 37
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/15/2004 20:23	
Dieldrin	35	10	ug/Kg	5.00	02/15/2004 20:23	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/15/2004 20:23	
Endrin	ND	10	ug/Kg	5.00	02/15/2004 20:23	
Endrin ketone	ND	10	ug/Kg	5.00	02/15/2004 20:23	
Heptachlor	ND	10	ug/Kg	5.00	02/15/2004 20:23	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/15/2004 20:23	
4,4'-DDT	ND	10	ug/Kg	5.00	02/15/2004 20:23	
4,4'-DDE	14	10	ug/Kg	5.00	02/15/2004 20:23	
4,4'-DDD	ND	10	ug/Kg	5.00	02/15/2004 20:23	
Endosulfan I	ND	10	ug/Kg	5.00	02/15/2004 20:23	
Endosulfan II	ND	10	ug/Kg	5.00	02/15/2004 20:23	
alpha-BHC	ND	10	ug/Kg	5.00	02/15/2004 20:23	
beta-BHC	ND	10	ug/Kg	5.00	02/15/2004 20:23	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/15/2004 20:23	
delta-BHC	ND	10	ug/Kg	5.00	02/15/2004 20:23	
Endosulfan sulfate	ND	10	ug/Kg	5.00	02/15/2004 20:23	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/15/2004 20:23	
Toxaphene	ND	500	ug/Kg	5.00	02/15/2004 20:23	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/15/2004 20:23	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 20:23	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 20:23	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	80.5	50-125	%	5.00	02/15/2004 20:23	
Decachlorobiphenyl (Pest/8081)	75.4	46-142	%	5.00	02/15/2004 20:23	

Organochlorine Pesticides Analysis

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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-5-2 Lab ID: 2004-02-0206 - 39
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
Dieldrin	2.0	2.0	ug/Kg	1.00	02/15/2004 20:54	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
4,4'-DDE	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 20:54	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 20:54	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 20:54	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	78.6	50-125	%	1.00	02/15/2004 20:54	
Decachlorobiphenyl (Pest/8081)	104.9	46-142	%	1.00	02/15/2004 20:54	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-7B Lab ID: 2004-02-0206 - 41
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
Dieldrin	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
Endrin aldehyde	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
Endrin	9.0	4.0	ug/Kg	2.00	02/15/2004 21:25	
Endrin ketone	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
Heptachlor	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
Heptachlor epoxide	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
4,4'-DDT	25	4.0	ug/Kg	2.00	02/15/2004 21:25	
4,4'-DDE	6.7	4.0	ug/Kg	2.00	02/15/2004 21:25	
4,4'-DDD	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
Endosulfan I	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
Endosulfan II	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
alpha-BHC	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
beta-BHC	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
gamma-BHC (Lindane)	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
delta-BHC	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
Endosulfan sulfate	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
4,4'-Methoxychlor	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
Toxaphene	ND	200	ug/Kg	2.00	02/15/2004 21:25	
Chlordane (Technical)	ND	100	ug/Kg	2.00	02/15/2004 21:25	
alpha-Chlordane	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
gamma-Chlordane	ND	4.0	ug/Kg	2.00	02/15/2004 21:25	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	83.6	50-125	%	2.00	02/15/2004 21:25	
Decachlorobiphenyl (Pest/8081)	67.8	46-142	%	2.00	02/15/2004 21:25	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Project: 1989-1B
Fance

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-8B Lab ID: 2004-02-0206 - 44
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-9B Lab ID: 2004-02-0206 - 46
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13
Analysis Flag: sdo (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/09-03.13
MB: 2004/02/09-03 13-001 Date Extracted: 02/09/2004 14:36

Table with 7 columns: Compound, Conc., RL, Unit, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/10-01.13
MB: 2004/02/10-01.13-001 Date Extracted: 02/10/2004 08:13

Table with 7 columns: Compound, Conc., RL, Unit, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/0081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2004/02/09-03.13
LCS 2004/02/09-03.13-002 Extracted: 02/09/2004 Analyzed: 02/15/2004 17:16
LCSD 2004/02/09-03.13-003 Extracted: 02/09/2004 Analyzed: 02/15/2004 17:47

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Clt.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aldrin	16.0	12.2	16.7	95.8	73.1	26.9	37-136	35		
Dieldrin	16.0	14.6	16.7	95.8	87.4	9.2	58-135	35		
Endrin	17.3	15.5	16.7	103.6	92.8	11.0	58-134	35		
Heptachlor	15.7	11.8	16.7	94.0	70.7	28.3	40-136	35		
4,4'-DDT	17.8	17.5	16.7	106.6	104.8	1.7	55-132	35		
gamma-BHC (Lindane)	15.6	11.4	16.7	93.4	68.3	31.0	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	48.8	34.0	50	97.7	68.0		50-125	0		
Decachlorobiphenyl	56.5	58.7	50	113.0	117.4		46-142	0		

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2004/02/10-01-13
LCS 2004/02/10-01.13-002 Extracted: 02/10/2004 Analyzed: 02/14/2004 11:10
LCSD 2004/02/10-01.13-003 Extracted: 02/10/2004 Analyzed: 02/14/2004 11:41

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Clt.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aldrin	15.1	13.6	16.6	91.0	81.9	10.5	37-136	35		
Dieldrin	14.8	13.9	16.6	89.2	83.7	6.4	58-135	35		
Endrin	15.4	14.3	16.6	92.8	86.1	7.5	58-134	35		
Heptachlor	15.9	14.1	16.6	95.8	84.9	12.1	40-136	35		
4,4'-DDT	15.3	14.6	16.6	92.2	88.0	4.7	55-132	35		
gamma-BHC (Lindane)	14.9	13.4	16.6	89.8	80.7	10.7	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	47.1	40.9	50	94.3	81.8		50-125	0		
Decachlorobiphenyl	47.3	45.4	50	94.6	90.9		46-142	0		

Organochlorine Pesticides Analysis

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Legend and Notes

Analysis Flag
In Reporting limits raised due to high level of non-target analyte materials
sdo Surrogate(s) diluted out

Result Flag
s One surrogate recovery out of control, but second surrogate will in QC limits confirms test performance.

Organochlorine Pesticides Analysis

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
TP-10B	02/05/2004	Soil	49
TP-11B	02/05/2004	Soil	52
TP-12B	02/06/2004	Soil	54
TP-13B	02/06/2004	Soil	57

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-10B Lab ID: 2004-02-0206 - 49
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13
Analysis Flag: In (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-11B Lab ID: 2004-02-0206 - 52
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-12B Lab ID: 2004-02-0206 - 54
Sampled: 02/06/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-13B Lab ID: 2004-02-0206 - 57
Sampled: 02/06/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/09-03.13
MB: 2004/02/09-03.13-001 Date Extracted: 02/09/2004 14:36

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	02/15/2004 16:45	
Dieldrin	ND	2.0	ug/Kg	02/15/2004 16:45	
Endrin aldehyde	ND	2.0	ug/Kg	02/15/2004 16:45	
Endrin	ND	2.0	ug/Kg	02/15/2004 16:45	
Endrin ketone	ND	2.0	ug/Kg	02/15/2004 16:45	
Heptachlor	ND	2.0	ug/Kg	02/15/2004 16:45	
Heptachlor epoxide	ND	2.0	ug/Kg	02/15/2004 16:45	
4,4'-DDT	ND	2.0	ug/Kg	02/15/2004 16:45	
4,4'-DDE	ND	2.0	ug/Kg	02/15/2004 16:45	
4,4'-DDD	ND	2.0	ug/Kg	02/15/2004 16:45	
Endosulfan I	ND	2.0	ug/Kg	02/15/2004 16:45	
Endosulfan II	ND	2.0	ug/Kg	02/15/2004 16:45	
alpha-BHC	ND	2.0	ug/Kg	02/15/2004 16:45	
beta-BHC	ND	2.0	ug/Kg	02/15/2004 16:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	02/15/2004 16:45	
delta-BHC	ND	2.0	ug/Kg	02/15/2004 16:45	
Endosulfan sulfate	ND	2.0	ug/Kg	02/15/2004 16:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	02/15/2004 16:45	
Toxaphene	ND	100	ug/Kg	02/15/2004 16:45	
Chlordane (Technical)	ND	50	ug/Kg	02/15/2004 16:45	
alpha-Chlordane	ND	2.0	ug/Kg	02/15/2004 16:45	
gamma-Chlordane	ND	2.0	ug/Kg	02/15/2004 16:45	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	98.7	50-125	%	02/15/2004 16:45	
Decachlorobiphenyl (Pest/8081)	116.2	46-142	%	02/15/2004 16:45	

Severn Trent Laboratories, Inc.
STL San Francisco • 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 • www.stl-inc.com • CA DHS ELAP# 2496

02/17/2004 17:07

Organochlorine Pesticides Analysis

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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Laboratory Control Spike Soil QC Batch # 2004/02/09-03.13
LCS 2004/02/09-03.13-002 Extracted: 02/09/2004 Analyzed: 02/15/2004 17:16
LCSD 2004/02/09-03.13-003 Extracted: 02/09/2004 Analyzed: 02/15/2004 17:47

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Crtl. Limits %		Flags
	LCS	LCSD		LCS	LCSD		% Rec.	RPD	
Aldrin	16.0	12.2	16.7	95.8	73.1	26.9	37-136	35	
Dieldrin	16.0	14.6	16.7	95.8	87.4	9.2	56-135	35	
Endrin	17.3	15.5	16.7	103.6	92.8	11.0	58-134	35	
Heptachlor	15.7	11.8	16.7	94.0	70.7	28.3	40-136	35	
4,4'-DDT	17.8	17.5	16.7	106.6	104.8	1.7	55-132	35	
gamma-BHC (Lindane)	15.6	11.4	16.7	93.4	68.3	31.0	37-137	35	
Surrogates(s)									
2,4,5,6-Tetrachloro-m-xylene	48.8	34.0	50	97.7	68.0		50-125	0	
Decachlorobiphenyl	56.5	58.7	50	113.0	117.4		46-142	0	

Severn Trent Laboratories, Inc.
STL San Francisco • 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 • www.stl-inc.com • CA DHS ELAP# 2496

02/17/2004 17:07

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Legend and Notes

Analysis Flag

Im

Reporting limits raised due to high level of non-target analyte materials

Severn Trent Laboratories, Inc.
STL San Francisco • 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 • www.stl-inc.com • CA DHS ELAP# 2496

02/17/2004 17:07

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-25	02/04/2004	Soil	5

Severn Trent Laboratories, Inc.
STL San Francisco • 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 • www.stl-inc.com • CA DHS ELAP# 2496

02/18/2004 15:31

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-25 Lab ID: 2004-02-0206 - 5
Sampled: 02/04/2004 Extracted: 2/16/2004 08:42
Matrix: Soil QC Batch#: 2004/02/16-01.13

Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Dieldrin	29	20	ug/Kg	10.00	02/18/2004 08:05	
Endrin aldehyde	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endrin	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endrin ketone	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Heptachlor	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Heptachlor epoxide	ND	20	ug/Kg	10.00	02/18/2004 08:05	
4,4'-DDT	59	20	ug/Kg	10.00	02/18/2004 08:05	
4,4'-DDE	160	20	ug/Kg	10.00	02/18/2004 08:05	
4,4'-DDD	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endosulfan I	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endosulfan II	ND	20	ug/Kg	10.00	02/18/2004 08:05	
alpha-BHC	ND	20	ug/Kg	10.00	02/18/2004 08:05	
beta-BHC	ND	20	ug/Kg	10.00	02/18/2004 08:05	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	02/18/2004 08:05	
delta-BHC	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endosulfan sulfate	ND	20	ug/Kg	10.00	02/18/2004 08:05	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Toxaphene	ND	1000	ug/Kg	10.00	02/18/2004 08:05	
Chlordane (Technical)	ND	500	ug/Kg	10.00	02/18/2004 08:05	
alpha-Chlordane	ND	20	ug/Kg	10.00	02/18/2004 08:05	
gamma-Chlordane	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	02/18/2004 08:05	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	02/18/2004 08:05	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/16-01.13
MB: 2004/02/16-01.13-001 Date Extracted: 02/16/2004 08:42

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	02/17/2004 18:56	
Dieldrin	ND	2.0	ug/Kg	02/17/2004 18:56	
Endrin aldehyde	ND	2.0	ug/Kg	02/17/2004 18:56	
Endrin	ND	2.0	ug/Kg	02/17/2004 18:56	
Endrin ketone	ND	2.0	ug/Kg	02/17/2004 18:56	
Heptachlor	ND	2.0	ug/Kg	02/17/2004 18:56	
Heptachlor epoxide	ND	2.0	ug/Kg	02/17/2004 18:56	
4,4'-DDT	ND	2.0	ug/Kg	02/17/2004 18:56	
4,4'-DDE	ND	2.0	ug/Kg	02/17/2004 18:56	
4,4'-DDD	ND	2.0	ug/Kg	02/17/2004 18:56	
Endosulfan I	ND	2.0	ug/Kg	02/17/2004 18:56	
Endosulfan II	ND	2.0	ug/Kg	02/17/2004 18:56	
alpha-BHC	ND	2.0	ug/Kg	02/17/2004 18:56	
beta-BHC	ND	2.0	ug/Kg	02/17/2004 18:56	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	02/17/2004 18:56	
delta-BHC	ND	2.0	ug/Kg	02/17/2004 18:56	
Endosulfan sulfate	ND	2.0	ug/Kg	02/17/2004 18:56	
4,4'-Methoxychlor	ND	2.0	ug/Kg	02/17/2004 18:56	
Toxaphene	ND	100	ug/Kg	02/17/2004 18:56	
Chlordane (Technical)	ND	50	ug/Kg	02/17/2004 18:56	
alpha-Chlordane	ND	2.0	ug/Kg	02/17/2004 18:56	
gamma-Chlordane	ND	2.0	ug/Kg	02/17/2004 18:56	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	84.4	50-125	%	02/17/2004 18:56	
Decachlorobiphenyl (Pest/8081)	97.3	46-142	%	02/17/2004 18:56	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Laboratory Control Spike Soil QC Batch # 2004/02/16-01.13
LCS 2004/02/16-01.13-002 Extracted: 02/16/2004 Analyzed: 02/17/2004 19:27
LCSD 2004/02/16-01.13-003 Extracted: 02/16/2004 Analyzed: 02/17/2004 19:58

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Cfl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Aldrin	13.6	12.6	16.5	82.4	76.4	7.6	37-136	35	
Dieldrin	14.0	12.9	16.5	84.8	78.2	8.1	58-135	35	
Endrin	14.6	13.3	16.5	88.5	80.6	9.3	58-134	35	
Heptachlor	14.5	13.7	16.5	87.9	83.0	5.7	40-136	35	
4,4'-DDT	15.2	13.5	16.5	92.1	81.8	11.8	55-132	35	
gamma-BHC (Lindane)	13.2	12.4	16.5	80.0	75.2	6.2	37-137	35	
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	40.2	39.3	50	80.3	78.6		50-125	0	
Decachlorobiphenyl	49.3	44.0	50	98.6	88.0		46-142	0	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Legend and Notes
Analysis Flag
sdo Surrogate(s) diluted out



February 16, 2004

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566-4756

Attn: Afsaneh Salimpour

RB: 1989-1b, Panoe

Order No.: 0402293
Invoice No.: 40174
PO No.: 2004-02-0206-2
ELAP No. 1247-Expires July 2004

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	DD-4
02A	DD-5
03A	DD-6
04A	DD-7
05A	DD-8
06A	DD-9
07A	DD-13
08A	DD-14
09A	DD-15

ND = Not Detected at the Reporting Limit
Limit = Reporting Limit
All solid results are expressed on a wet-weight basis unless otherwise noted

REPORT CERTIFIED BY

Laboratory Supervisor(s)

QA Unit

Jesse G. Chaney, Jr.
Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

North Coast Laboratories, Ltd.

Date: 16-Feb-04

CLIENT: STL San Francisco
Project: 1989-1b, Panoe
Lab Order: 0402293

CASE NARRATIVE

Paraquat:
The positive results were confirmed by UV spectra. Suggest LCMS.

NORTH COAST LABORATORIES

5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Date: 16-Feb-04
WorkOrder: 0402293

ANALYTICAL REPORT

Client Sample ID: DD-4
Lab ID: 0402293-01A
Received: 2/10/04
Collected: 2/5/04 0:00

Test Name:	Reference:	Result	Limit	Units	DF	Extracted	Analyzed
Paraquat	Chevron RM8-10	ND	1.0	µg/g	1.0	2/11/04	2/16/04

Client Sample ID: DD-5
Lab ID: 0402293-02A
Received: 2/10/04
Collected: 2/5/04 0:00

Test Name:	Reference:	Result	Limit	Units	DF	Extracted	Analyzed
Paraquat	Chevron RM8-10	2.6	1.0	µg/g	1.0	2/11/04	2/16/04

Client Sample ID: DD-6
Lab ID: 0402293-03A
Received: 2/10/04
Collected: 2/5/04 0:00

Test Name:	Reference:	Result	Limit	Units	DF	Extracted	Analyzed
Paraquat	Chevron RM8-10	2.6	1.0	µg/g	1.0	2/11/04	2/16/04

Client Sample ID: DD-7
Lab ID: 0402293-04A
Received: 2/10/04
Collected: 2/5/04 0:00

Test Name:	Reference:	Result	Limit	Units	DF	Extracted	Analyzed
Paraquat	Chevron RM8-10	ND	1.0	µg/g	1.0	2/11/04	2/16/04

Client Sample ID: DD-8
Lab ID: 0402293-05A
Received: 2/10/04
Collected: 2/5/04 0:00

Test Name:	Reference:	Result	Limit	Units	DF	Extracted	Analyzed
Paraquat	Chevron RM8-10	ND	1.0	µg/g	1.0	2/11/04	2/16/04

Date: 16-Feb-04
WorkOrder: 0402293

ANALYTICAL REPORT

Client Sample ID: DD-9
Lab ID: 0402293-06A
Received: 2/10/04
Collected: 2/5/04 0:00

Test Name:	Reference:	Result	Limit	Units	DF	Extracted	Analyzed
Paraquat	Chevron RM8-10	ND	1.0	µg/g	1.0	2/11/04	2/16/04

Client Sample ID: DD-13
Lab ID: 0402293-07A
Received: 2/10/04
Collected: 2/5/04 0:00

Test Name:	Reference:	Result	Limit	Units	DF	Extracted	Analyzed
Paraquat	Chevron RM8-10	4.2	1.0	µg/g	1.0	2/11/04	2/16/04

Client Sample ID: DD-14
Lab ID: 0402293-08A
Received: 2/10/04
Collected: 2/5/04 0:00

Test Name:	Reference:	Result	Limit	Units	DF	Extracted	Analyzed
Paraquat	Chevron RM8-10	ND	1.0	µg/g	1.0	2/12/04	2/16/04

Client Sample ID: DD-15
Lab ID: 0402293-09A
Received: 2/10/04
Collected: 2/5/04 0:00

Test Name:	Reference:	Result	Limit	Units	DF	Extracted	Analyzed
Paraquat	Chevron RM8-10	63	10	µg/g	10	2/12/04	2/16/04

NORTH COAST LABORATORIES

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NORTH COAST LABORATORIES

5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831

North Coast Laboratories, Ltd.
 CLIENT: STL San Francisco
 Work Order: 0402293
 Project: 1989-1b, Fance
 Date: 16-Feb-04
QC SUMMARY REPORT
 Method Blank
 Prep Date: 2/1/04
 Analysis Date: 2/16/04
 SeqNo: 403319
 Sample ID: MB-10819 Batch ID: 10819 Test Code: PARAOQS Units: µg/g
 Run ID: OL3PEC_040216A
 % Rec LowLimit HighLimit RPD Ref Val %RPD RPD Limit Qual
 Analyte Limit SPK value SPK Ref Val
 Paraquat ND 1.0
 Prep Date: 2/1/04
 Sample ID: MB-10828 Batch ID: 10828 Test Code: PARAOQS Units: µg/g
 Run ID: OL3PEC_040216A
 % Rec LowLimit HighLimit RPD Ref Val %RPD RPD Limit Qual
 Analyte Limit SPK value SPK Ref Val
 Paraquat ND 1.0
 Prep Date: 2/1/04

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.
 CLIENT: STL San Francisco
 Work Order: 0402293
 Project: 1989-1b, Fance
 Date: 16-Feb-04
QC SUMMARY REPORT
 Laboratory Control Spike
 Prep Date: 2/1/04
 Analysis Date: 2/16/04
 SeqNo: 403317
 Sample ID: LCS-10819 Batch ID: 10819 Test Code: PARAOQS Units: µg/g
 Run ID: OL3PEC_040216A
 % Rec LowLimit HighLimit RPD Ref Val %RPD RPD Limit Qual
 Analyte Limit SPK value SPK Ref Val
 Paraquat 4.654 1.0 5.00 0 81.1% 56 103 0
 Prep Date: 2/1/04
 Sample ID: LCS-10828 Batch ID: 10828 Test Code: PARAOQS Units: µg/g
 Run ID: OL3PEC_040216A
 % Rec LowLimit HighLimit RPD Ref Val %RPD RPD Limit Qual
 Analyte Limit SPK value SPK Ref Val
 Paraquat 3.598 1.0 5.00 0 72.0% 56 103 4.05 11.9% 20
 Prep Date: 2/1/04

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

SEVERN TRENT STL Chain of Custody
 Shipped: 2/9/2004 12:00:00AM
 2004-02-0206 - 2
 From: STL San Francisco (CL)
 220 Quarry Lane
 Pleasanton, CA 94566-4756
 Project Manager: Afsaneh Salimpour
 Phone: (925) 484-1919
 Fax: (925) 484-1096
 Email: asalimpour@stl-inc.com
 To: North Coast Labs
 5680 West End Road
 Arcata, CA 95521
 Phone: (707) 822-4649
 Fax: (707) 822-6831
 Contact: Lorretta Tomlin
 Phone: (707) 822-4649

CL Submission #: 2004-02-0206 Project #: 1989-1B
 CL PO #: Project Name: Fance

Client Sample ID	Sample ID	Matrix	Method	TA
DD-4	61	2/5/2004 12:00:00AM	Soil	5 Day
Subcontract - Others PARAOQUAT Y				
DD-5	62	2/5/2004 12:00:00AM	Soil	5 Day
Subcontract - Others PARAOQUAT Y				
DD-6	63	2/5/2004 12:00:00AM	Soil	5 Day
Subcontract - Others PARAOQUAT Y				
DD-7	64	2/5/2004 12:00:00AM	Soil	5 Day
Subcontract - Others PARAOQUAT Y				
DD-8	65	2/5/2004 12:00:00AM	Soil	5 Day
Subcontract - Others PARAOQUAT Y				
DD-9	66	2/5/2004 12:00:00AM	Soil	5 Day
Subcontract - Others PARAOQUAT Y				

on 16. intact

RELINQUISHED BY: 1. Signature: Nounak 1545
 Time: 2/9/04
 Printed Name: Nounak 2/9/04
 Date: STL
 Company: STL
 RECEIVED BY: 2. Signature: [Signature]
 Time: [Time]
 Printed Name: [Name]
 Date: [Date]
 Company: [Company]
 RELINQUISHED BY: 3. Signature: [Signature]
 Time: [Time]
 Printed Name: [Name]
 Date: [Date]
 Company: [Company]
 RECEIVED BY: 3. Signature: [Signature]
 Time: [Time]
 Printed Name: [Name]
 Date: [Date]
 Company: [Company]

SEVERN TRENT STL Chain of Custody
 Shipped: 2/9/2004 12:00:00AM
 2004-02-0206 - 2
 From: STL San Francisco (CL)
 220 Quarry Lane
 Pleasanton, CA 94566-4756
 Project Manager: Afsaneh Salimpour
 Phone: (925) 484-1919
 Fax: (925) 484-1096
 Email: asalimpour@stl-inc.com
 To: North Coast Labs
 5680 West End Road
 Arcata, CA 95521
 Phone: (707) 822-4649
 Fax: (707) 822-6831
 Contact: Lorretta Tomlin
 Phone: (707) 822-4649

CL Submission #: 2004-02-0206 Project #: 1989-1B
 CL PO #: Project Name: Fance

Client Sample ID	Sample ID	Matrix	Method	TA
DD-13	70	2/5/2004 12:00:00AM	Soil	5 Day
Subcontract - Others PARAOQUAT Y				
DD-14	71	2/5/2004 12:00:00AM	Soil	6 Day
Subcontract - Others PARAOQUAT Y				
DD-15	72	2/5/2004 12:00:00AM	Soil	5 Day
Subcontract - Others PARAOQUAT Y				

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1. Signature: Nounak 1545
 Time: 2/9/04
 Printed Name: Nounak 2/9/04
 Date: STL
 Company: STL
 RECEIVED BY: 2. Signature: [Signature]
 Time: [Time]
 Printed Name: [Name]
 Date: [Date]
 Company: [Company]
 RELINQUISHED BY: 3. Signature: [Signature]
 Time: [Time]
 Printed Name: [Name]
 Date: [Date]
 Company: [Company]
 RECEIVED BY: 3. Signature: [Signature]
 Time: [Time]
 Printed Name: [Name]
 Date: [Date]
 Company: [Company]

Sample Receipt Checklist

Submission #: 2004-02-0204

Checklist completed by: [Signature] Date: 02/07/04

Chain of custody present? Chain of custody signed when required and reviewed? Chain of custody agrees with labels? Samples in proper containment? Sample containers intact? Sufficient samples volume for indicated test? All samples received within holding time? Container Temp (Blank temperature in compliance (4° C - 2)? Water - VOA vials have zero headspace?

if bubble is present, circle to approximate bubble size and describe in comments as: S (serial - O) M (medium - O) or L (large - O). Water - pH acceptable upon receipt? pH adjusted - Preservatives used? For any item check-listed "No" provided detail of discrepancy in comment section below.

Comments:

Project Management (Routing for instruction of indicated discrepancy(ies))

Project Manager (initials) Date / / 04

Client contacted? Yes No

Summary of discussion

Corrective Action (per PAR/Client)

LOWNEY ASSOCIATES CHAIN OF CUSTODY RECORD Project Name: [Blank] Location: [Blank] Date: [Blank] Time: [Blank]

Table with columns: Sample ID, Date, Time, Location, and various test results. Includes handwritten entries for samples 40-33, 40-34, 40-35, 40-36, 40-37, 40-38, 40-39, 40-40, 40-41, 40-42, 40-43, 40-44, 40-45, 40-46, 40-47, 40-48, 40-49, 40-50.

LOWNEY ASSOCIATES CHAIN OF CUSTODY RECORD Project Name: [Blank] Location: [Blank] Date: [Blank] Time: [Blank]

Table with columns: Sample ID, Date, Time, Location, and various test results. Includes handwritten entries for samples 40-33, 40-34, 40-35, 40-36, 40-37, 40-38, 40-39, 40-40, 40-41, 40-42, 40-43, 40-44, 40-45, 40-46, 40-47, 40-48, 40-49, 40-50.

LOWNEY ASSOCIATES CHAIN OF CUSTODY RECORD Project Name: [Blank] Location: [Blank] Date: [Blank] Time: [Blank]

Table with columns: Sample ID, Date, Time, Location, and various test results. Includes handwritten entries for samples 40-33, 40-34, 40-35, 40-36, 40-37, 40-38, 40-39, 40-40, 40-41, 40-42, 40-43, 40-44, 40-45, 40-46, 40-47, 40-48, 40-49, 40-50.

CHAIN OF CUSTODY RECORD

Project Name: 1004-02-0000

Turnaround Requirements: 5 Working Days

Electronic Deliverable Format Required: YES NO

QC Requirement: Level A (Standard)

Global ID #: 1004-02-0000

Sample ID	Date	Time	Lab ID	Sample Name	Reqs	Temp
1004-02-0000-1	2/6/04	12:00	1004-02-0000	1004-02-0000-1	✓	3.1

Received by Lab: 3.1 Date: 2/6/04 Time: 12:00

LOWNEY ASSOCIATES
 405 Oak View Office
 167 Filbert St
 Oakland, CA 94612
 Tel: 510.267.1970
 Fax: 510.267.1970

San Ramon Office
 258 Camino Real
 San Ramon, CA 94583
 Tel: 925.275.2555
 Fax: 925.275.2555

Project Name: 1004-02-0000

Turnaround Requirements: 5 Working Days

Electronic Deliverable Format Required: YES NO

QC Requirement: Level A (Standard)

Global ID #: 1004-02-0000

Sample ID	Date	Time	Lab ID	Sample Name	Reqs	Temp
1004-02-0000-1	2/6/04	12:00	1004-02-0000	1004-02-0000-1	✓	3.1

Received by Lab: 3.1 Date: 2/6/04 Time: 12:00

CHAIN OF CUSTODY RECORD

Project Name: 1004-02-0000

Turnaround Requirements: 5 Working Days

Electronic Deliverable Format Required: YES NO

QC Requirement: Level A (Standard)

Global ID #: 1004-02-0000

Sample ID	Date	Time	Lab ID	Sample Name	Reqs	Temp
1004-02-0000-1	2/6/04	12:00	1004-02-0000	1004-02-0000-1	✓	3.1

Received by Lab: 3.1 Date: 2/6/04 Time: 12:00

LOWNEY ASSOCIATES
 405 Oak View Office
 167 Filbert St
 Oakland, CA 94612
 Tel: 510.267.1970
 Fax: 510.267.1970

San Ramon Office
 258 Camino Real
 San Ramon, CA 94583
 Tel: 925.275.2555
 Fax: 925.275.2555

Project Name: 1004-02-0000

Turnaround Requirements: 5 Working Days

Electronic Deliverable Format Required: YES NO

QC Requirement: Level A (Standard)

Global ID #: 1004-02-0000

Sample ID	Date	Time	Lab ID	Sample Name	Reqs	Temp
1004-02-0000-1	2/6/04	12:00	1004-02-0000	1004-02-0000-1	✓	3.1

Received by Lab: 3.1 Date: 2/6/04 Time: 12:00

February 26, 2004

STL SACRAMENTO PROJECT NUMBER: G4B100199
PO/CONTRACT: 2004-02-0206

Afsaneh Salimpour
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Dear Ms. Salimpour,

This report contains the analytical results for the samples received under chain of custody by STL Sacramento on February 10, 2004. These samples are associated with your 1989-1B project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4344.

Sincerely,



Maria Barajas-Albalawi
Project Manager



Nilo Ligi
Senior Project Manager

Case Narrative

STL Sacramento Quality Assurance Program

Sample Description Information

Chain of Custody Documentation

Lot Receipt Checklist

SOLID, 1613B, Dioxins/Furans
Samples: 1, 2
Sample Data Sheets
Method Blank Reports
Laboratory QC Reports

SOLID, D 2216-90, Percent Moisture
Samples: 1, 2
Sample Data Sheets
Method Blank Reports
Laboratory QC Reports

Leaders In Environmental Testing

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G4B100199

SOLID, 1613B, Dioxins/Furans
Sample(s): 1

The analyte 1,2,3,4,6,7,8-HpCDF has been "JA" flagged in sample -01 due to a matrix interference with the m/z 408 ion which causes the ion ratio with m/z 410 to be outside limits. The result has been qualified as "positively identified, but estimated quantitation" because the analyst believes the isomer to be present, but the quantitation is based on theoretical ratios. There is no adverse impact and no corrective action is necessary.

There were no other anomalies associated with this project.

STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	UST-055	Oregon	CA 200005
Arizona	AZ00410	Pennsylvania	48-0272
Arkansas	NA	South Carolina	7014001
California	014109A	Tennessee	010001
Connecticut	PH-0691	Virginia	00178
Colorado	EB-05705	Washington	00086
Georgia	960	West Virginia	9130C, 33-4
Hawaii	35A	Wisconsin	9820468
Louisiana*	01944	WYSC	NA
Nebraska	GA0448	USA Foreign Plant	37-8260 ¹
New Jersey*	CA005		
New York	31666		

*NELAP accredited. A more detailed parameter list is available upon request.

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix X MS the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary G4B100199

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
P9CQH	1	BU-1A-1D	2/5/04	2/10/04 08:45 AM
P9CQN	2	BU-2A-2D	2/5/04	2/10/04 08:45 AM

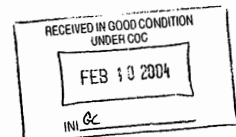
- Notes(s):
- The analytical results of the samples listed above are presented on the following pages.
 - All calculations are performed before rounding to avoid round-off errors in calculated results.
 - Results noted as "ND" were not detected at or above the stated limit.
 - This report must not be reproduced, except in full, without the written approval of the laboratory.
 - Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

From: **STL San Francisco (CL)**
1220 Quarry Lane
Pleasanton, CA 94566-4756
Project Manager: Afsaneh Salimpour
Phone: (925) 484-1919 Ext: 107
Fax: (925) 484-1096
Email: asalimpour@stl-inc.com

To: **STL Sacramento**
880 Riverside Parkway
West Sacramento, CA 95605
Phone: (916) 373-5600 Ext:
Fax: (916) 372-1059
Contact: Maria Barajas Albalawi
Phone: (916) 374-4344 Ext:

Client Sample ID	CL PO #	Project Name	Project #	Matrix	Method	DAT
BU-1A-1D	30	2/5/2004 12:00:00AM	1989-1B	Fence	Soll	28 Day
Subcontract - Dioxin/TTO 1613						
BU-2A-2D	33	2/5/2004 12:00:00AM	1989-1B	Fence	Soll	28 Day
Subcontract - Dioxin/TTO 1613						

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS



RELINQUISHED BY: 1 Signature: <i>[Signature]</i> Time: <i>[Time]</i> Printed Name: <i>[Name]</i> Date: <i>[Date]</i> Company: <i>[Company]</i>	RELINQUISHED BY: 2 Signature: _____ Time: _____ Printed Name: _____ Date: _____ Company: _____	RELINQUISHED BY: 3 Signature: _____ Time: _____ Printed Name: _____ Date: _____ Company: _____
RECEIVED BY: <i>[Signature]</i> <i>[Time]</i> Signature: <i>[Signature]</i> Time: <i>[Time]</i> Printed Name: <i>[Name]</i> Date: <i>[Date]</i> Company: <i>[Company]</i>	RECEIVED BY: 2 Signature: _____ Time: _____ Printed Name: _____ Date: _____ Company: _____	RECEIVED BY: 3 Signature: _____ Time: _____ Printed Name: _____ Date: _____ Company: _____



LOT RECEIPT CHECKLIST STL Sacramento

CLIENT STL-SF PM MD LOG # 75235

LOT# (QUANTIMS ID) 640100199 QUOTE# 47410 LOCATION W1A

DATE RECEIVED 2-10-04 TIME RECEIVED 0845 Initials gc Date 2-10-04

DELIVERED BY
 FEDEX CA OVERNIGHT CLIENT
 AIRBORNE GOLDENSTATE DHL
 UPS BAX GLOBAL GO-GETTERS
 STL COURIER COURIERS ON DEMAND
 OTHER _____

USTODY SEAL STATUS INTACT BROKEN N/A
 USTODY SEAL #(S) _____
 SHIPPING CONTAINER(S) STL CLIENT N/A
 TEMPERATURE RECORD (IN °C) IR 1 2 OTHER 3-3

COC #(S) N/A
 TEMPERATURE BLANK N/A
 SAMPLE TEMPERATURE 6

COLLECTOR'S NAME: Verified from COC Not on COC

PH MEASURED YES ANOMALY N/A

LABELLED BY: _____
 LABELS CHECKED BY: _____
 PEER REVIEW N/A

SHORT HOLD TEST NOTIFICATION
 WETCHEM N/A
 VOA-ENCORES N/A

METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL N/A

COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES N/A

Clouseau TEMPERATURE EXCEEDED (2 °-6 °C) N/A
 WET ICE BLUE ICE GEL PACK NO COOLING AGENTS USED PM NOTIFIED

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
JA																				
JAN																				
AGB																				
AGB																				
AGB																				
AGB																				
AGn																				
AGBn																				
AGJ																				
00AGJ																				
50AGJ																				
25AGJ																				
CGJ																				
00CGJ																				
250CGJ																				
125CGJ																				
PB/PJ																				
PBn/PJn																				
i00PB/PJ																				
i00PBn/PJn																				
i00PBna																				
i00PBzn/na																				
50PB																				
50PBn																				
50PBna																				
50PBzn/na																				
CT																				
incore																				
Folder/Filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate
 * Number of VOA's with air bubbles present / total number of VOA's
 STL Sacramento (916) 373 5600

Client Sample ID: BU-1A-1D

Trace Level Organic Compounds

Lot-Sample #...: G4B100199-001 Work Order #...: F9CQH1AC Matrix.....: SOLID
 Date Sampled...: 02/05/04 Date Received...: 02/10/04
 Prep Date.....: 02/11/04 Analysis Date...: 02/17/04
 Prep Batch #...: 4042483
 Dilution Factor: 1

SOLID, 1613B, Dioxins/Furans

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	4.5		pg/g	EPA-5 1613B
Total TCDD	79		pg/g	EPA-5 1613B
1,2,3,7,8-PeCDD	7.8		pg/g	EPA-5 1613B
Total PeCDD	87		pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	3.6 J		pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	10		pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	10		pg/g	EPA-5 1613B
Total HxCDD	140		pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	130		pg/g	EPA-5 1613B
Total HpCDD	240		pg/g	EPA-5 1613B
OCDD	440		pg/g	EPA-5 1613B
2,3,7,8-TCDF	8.4 CON		pg/g	EPA-5 1613B
Total TCDF	160		pg/g	EPA-5 1613B
1,2,3,7,8-PeCDF	8.2		pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	10		pg/g	EPA-5 1613B
Total PeCDF	110		pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	9.8		pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	9.7		pg/g	EPA-5 1613B
2,3,4,6,7,8-HxCDF	9.0		pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.99	pg/g	EPA-5 1613B
Total HxCDF	81		pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	35 JA		pg/g	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	3.6 J		pg/g	EPA-5 1613B
Total HpCDF	60		pg/g	EPA-5 1613B
OCDF	35		pg/g	EPA-5 1613B

(Continued on next page)

G4B100199

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STL SAN FRANCISCO

Client Sample ID: BU-1A-1D

Trace Level Organic Compounds

Lot-Sample #...: G4B100199-001 Work Order #...: F9CQH1AC Matrix.....: SOLID

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	76	(25 - 164)
13C-1,2,3,7,8-PeCDD	72	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	68	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	73	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	63	(23 - 140)
13C-OCDD	61	(17 - 157)
13C-2,3,7,8-TCDF	81	(24 - 169)
13C-1,2,3,7,8-PeCDF	77	(24 - 185)
13C-2,3,4,7,8-PeCDF	74	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	65	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	65	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	57	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	62	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	65	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	67	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	94	(35 - 197)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than the reporting limit.

CON Confirmation analysis.

JA The analyte was positively identified, but the quantitation is an estimate.

STL SAN FRANCISCO

Client Sample ID: BU-2A-2D

Trace Level Organic Compounds

Lot-Sample #...: G4B100199-002 Work Order #...: F9CQH1AC Matrix.....: SOLID
 Date Sampled...: 02/05/04 Date Received...: 02/10/04
 Prep Date.....: 02/11/04 Analysis Date...: 02/17/04
 Prep Batch #...: 4042483
 Dilution Factor: 1

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	1.6		pg/g	EPA-5 1613B
Total TCDD	66		pg/g	EPA-5 1613B
1,2,3,7,8-PeCDD	ND	2.9	pg/g	EPA-5 1613B
Total PeCDD	50		pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	1.6	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	4.0 J		pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	3.8 J		pg/g	EPA-5 1613B
Total HxCDD	66		pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	52		pg/g	EPA-5 1613B
Total HpCDD	97		pg/g	EPA-5 1613B
OCDD	290		pg/g	EPA-5 1613B
2,3,7,8-TCDF	12 CON		pg/g	EPA-5 1613B
Total TCDF	130		pg/g	EPA-5 1613B
1,2,3,7,8-PeCDF	6.6		pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	7.9		pg/g	EPA-5 1613B
Total PeCDF	85		pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	7.5		pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	6.0		pg/g	EPA-5 1613B
2,3,4,6,7,8-HxCDF	6.3		pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.70	pg/g	EPA-5 1613B
Total HxCDF	51		pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	32		pg/g	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	ND	2.1	pg/g	EPA-5 1613B
Total HpCDF	45		pg/g	EPA-5 1613B
OCDF	32		pg/g	EPA-5 1613B

(Continued on next page)

G4B100199

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STL Sacramento (916) 373-5600

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Client Sample ID: BU-2A-2D

G4B100199

Trace Level Organic Compounds

Sample Preparation and Analysis Control Numbers

Lot-Sample #...: G4B100199-002 Work Order #...: F9CQN1AC Matrix.....: SOLID

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	75	(25 - 164)
13C-1,2,3,7,8-PeCDD	71	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	70	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	75	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	68	(23 - 140)
13C-OCDD	66	(17 - 157)
13C-2,3,7,8-TCDF	81	(24 - 169)
13C-1,2,3,7,8-PeCDF	74	(24 - 185)
13C-2,3,4,7,8-HxCDF	72	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	65	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	66	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	68	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	65	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	68	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	69	(26 - 152)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37Cl4-2,3,7,8-TCDD	96	(35 - 197)

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	EPA-5 1613B		4042483	
002	SOLID	EPA-5 1613B		4042483	

NOTE(S):
 Results and reporting limits have been adjusted for dry weight.
 1: Estimated result. Result is less than the reporting limit.
 CON: Confirmation analysis.

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G4B100199 Work Order #...: F9FNK1AA Matrix.....: SOLID
 MB Lot-Sample #: G4B10000-483
 Analysis Date...: 02/13/04
 Dilution Factor: 1
 Prep Date.....: 02/11/04
 Prep Batch #...: 4042483

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
2,3,7,8-TCDD	ND	0.34	pg/g	EPA-5 1613B
Total TCDD	ND	0.34	pg/g	EPA-5 1613B
1,2,3,7,8-PeCDD	ND	0.70	pg/g	EPA-5 1613B
Total PeCDD	ND	0.86	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	0.33	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	ND	0.29	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	ND	0.29	pg/g	EPA-5 1613B
Total HxCDD	ND	0.33	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	ND	0.53	pg/g	EPA-5 1613B
Total HpCDD	ND	0.53	pg/g	EPA-5 1613B
OCDD	ND	0.51	pg/g	EPA-5 1613B
2,3,7,8-TCDF	ND	0.32	pg/g	EPA-5 1613B
Total TCDF	ND	0.32	pg/g	EPA-5 1613B
1,2,3,7,8-PeCDF	ND	0.37	pg/g	EPA-5 1613B
2,3,4,7,8-PeCDF	ND	0.41	pg/g	EPA-5 1613B
Total PeCDF	ND	0.42	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	ND	0.27	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	ND	0.24	pg/g	EPA-5 1613B
2,3,4,6,7,8-HxCDF	ND	0.20	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.20	pg/g	EPA-5 1613B
Total HxCDF	ND	0.27	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	ND	0.27	pg/g	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	ND	0.42	pg/g	EPA-5 1613B
Total HpCDF	ND	0.42	pg/g	EPA-5 1613B
OCDF	ND	1.0	pg/g	EPA-5 1613B

(Continued on next page)

METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G4B100199 Work Order #...: F9FNK1AA Matrix.....: SOLID

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
INTERNAL STANDARDS				
13C-2,3,7,8-TCDD	89	(25 - 164)		
13C-1,2,3,7,8-PeCDD	89	(25 - 181)		
13C-1,2,3,4,7,8-HxCDD	82	(32 - 141)		
13C-1,2,3,6,7,8-HxCDD	90	(28 - 130)		
13C-1,2,3,4,6,7,8-HpCDD	63	(23 - 140)		
13C-OCDD	60	(17 - 157)		
13C-2,3,7,8-TCDF	84	(24 - 169)		
13C-1,2,3,7,8-PeCDF	88	(24 - 185)		
13C-2,3,4,7,8-HxCDF	90	(21 - 178)		
13C-1,2,3,6,7,8-HxCDF	79	(26 - 123)		
13C-2,3,4,6,7,8-HxCDF	88	(28 - 136)		
13C-1,2,3,7,8,9-HxCDF	87	(29 - 147)		
13C-1,2,3,4,6,7,8-HpCDF	66	(28 - 143)		
13C-1,2,3,4,7,8,9-HpCDF	59	(26 - 138)		
13C-1,2,3,4,7,8-HxCDF	82	(26 - 152)		
SURROGATE				
37Cl4-2,3,7,8-TCDD	68	(35 - 197)		

NOTE(S):
 Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G4B100199 Work Order #...: F9FNK1AC Matrix.....: SOLID
 Lot-Sample#: G4B110000-483
 Date.....: 02/11/04 Analysis Date...: 02/13/04
 Batch #...: 4042483
 Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDD	20.0	18.7	pg/g	93	EPA-5 1613B
1,2,3,7,8-PeCDD	100	103	pg/g	103	EPA-5 1613B
1,2,3,4,7,8-HxCDD	100	111	pg/g	111	EPA-5 1613B
1,2,3,6,7,8-HxCDD	100	100	pg/g	100	EPA-5 1613B
1,2,3,7,8,9-HxCDD	100	103	pg/g	103	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	100	102	pg/g	102	EPA-5 1613B
OCDD	200	206	pg/g	103	EPA-5 1613B
2,3,7,8-TCDF	20.0	21.3	pg/g	106	EPA-5 1613B
1,2,3,7,8-PeCDF	100	98.4	pg/g	98	EPA-5 1613B
2,3,4,7,8-PeCDF	100	99.8	pg/g	100	EPA-5 1613B
1,2,3,4,7,8-HxCDF	100	106	pg/g	106	EPA-5 1613B
1,2,3,6,7,8-HxCDF	100	100	pg/g	100	EPA-5 1613B
2,3,4,6,7,8-HxCDF	100	104	pg/g	104	EPA-5 1613B
1,2,3,7,8,9-HxCDF	100	104	pg/g	104	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	100	100	pg/g	100	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	100	101	pg/g	101	EPA-5 1613B
OCDF	200	201	pg/g	101	EPA-5 1613B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G4B100199 Work Order #...: F9FNK1AC Matrix.....: SOLID
 LCS Lot-Sample#: G4B110000-483

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	91	(25 - 164)
13C-1,2,3,7,8-PeCDD	94	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	94	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	97	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	68	(23 - 140)
13C-OCDD	65	(17 - 157)
13C-2,3,7,8-TCDF	83	(24 - 169)
13C-1,2,3,7,8-PeCDF	93	(24 - 185)
13C-2,3,4,7,8-PeCDF	91	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	85	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	98	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	93	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	71	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	61	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	88	(26 - 152)
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37C14-2,3,7,8-TCDD	71	(35 - 197)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

G4B100199

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G4B100199 Work Order #...: F9FNK1AC Matrix.....: SOLID
 LCS Lot-Sample#: G4B110000-483
 Prep Date.....: 02/11/04 Analysis Date...: 02/13/04
 Prep Batch #...: 4042483
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	93	(67 - 158)	EPA-5 1613B
1,2,3,7,8-PeCDD	103	(70 - 142)	EPA-5 1613B
1,2,3,4,7,8-HxCDD	111	(70 - 164)	EPA-5 1613B
1,2,3,6,7,8-HxCDD	100	(76 - 134)	EPA-5 1613B
1,2,3,7,8,9-HxCDD	103	(64 - 162)	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	102	(70 - 140)	EPA-5 1613B
OCDD	103	(78 - 144)	EPA-5 1613B
2,3,7,8-TCDF	106	(75 - 158)	EPA-5 1613B
1,2,3,7,8-PeCDF	98	(80 - 134)	EPA-5 1613B
2,3,4,7,8-PeCDF	100	(68 - 160)	EPA-5 1613B
1,2,3,4,7,8-HxCDF	106	(72 - 134)	EPA-5 1613B
1,2,3,6,7,8-HxCDF	100	(84 - 130)	EPA-5 1613B
2,3,4,6,7,8-HxCDF	104	(70 - 156)	EPA-5 1613B
1,2,3,7,8,9-HxCDF	104	(78 - 130)	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	100	(82 - 122)	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	101	(78 - 138)	EPA-5 1613B
OCDF	101	(63 - 170)	EPA-5 1613B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #...: G4B100199 Work Order #...: F9FNK1AC Matrix.....: SOLID
 LCS Lot-Sample#: G4B110000-483

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	91	(25 - 164)
13C-1,2,3,7,8-PeCDD	94	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	94	(32 - 141)
13C-1,2,3,6,7,8-HxCDD	97	(28 - 130)
13C-1,2,3,4,6,7,8-HpCDD	68	(23 - 140)
13C-OCDD	65	(17 - 157)
13C-2,3,7,8-TCDF	83	(24 - 169)
13C-1,2,3,7,8-PeCDF	93	(24 - 185)
13C-2,3,4,7,8-PeCDF	91	(21 - 178)
13C-1,2,3,6,7,8-HxCDF	85	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	98	(28 - 136)
13C-1,2,3,7,8,9-HxCDF	93	(29 - 147)
13C-1,2,3,4,6,7,8-HpCDF	71	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	61	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	88	(26 - 152)
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
37C14-2,3,7,8-TCDD	71	(35 - 197)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

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G4B100199

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STL SAN FRANCISCO

Client Sample ID: BU-1A-1D

General Chemistry

Lot-Sample #...: G4B100199-001
Date Sampled...: 02/05/04

Work Order #...: F9CQH
Date Received...: 02/10/04

Matrix.....: SOLID

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	BATCH #
Percent Moisture	20.3		%	ASTM D 2216-90	02/16-02/17/04	4043493

Dilution Factor: 1

SOLID, D 2216-90, Percent Moisture

G4B100199

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G4B100199

STL Sacramento (916) 373 - 5600

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STL SAN FRANCISCO

Client Sample ID: BU-2A-2D

General Chemistry

Lot-Sample #...: G4B100199-002
Date Sampled...: 02/05/04

Work Order #...: F9CQN
Date Received...: 02/10/04

Matrix.....: SOLID

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Moisture	16.2		%	ASTM D 2216-90	02/16-02/17/04	4043493

Dilution Factor: 1



STL Sacramento
New River City, Sacramento, CA 95833
Tel: 916 373 5600 Fax: 916 373 1050
www.stl-inc.com

February 16, 2004

STL SAN FRANCISCO PROJECT NUMBER: G4B100167
PROJECT CONTRACT: 2004-02-0206

Maria M. Schampone
STL San Francisco
1200 Golden Gate Blvd
Emeryville, CA 94608

Dear Ms. Schampone,

This report contains the analytical results for the samples received under chain of custody by STL Sacramento on February 16, 2004. These samples are associated with your 1989 TB project.

The results of this report meet all NELAP requirements for parameters that accreditation is required for (Table A). Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at 916 374-4344.

Sincerely,

Maria M. Schampone

Maria Bucayas Albaladejo
Project Manager

Nilo Lagi

Nilo Lagi
Senior Project Manager

G4B100199

STL Sacramento (916) 373 - 5600

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STL SACRAMENTO PROJECT NUMBER G4B160167

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G4B160167

- Case Narrative
- STL Sacramento Quality Assurance Program
- Sample Description Information
- Chain of Custody Documentation
- Lot Receipt Checklist
- SOLID, 1613B, Dioxins/Furans
Samples: 1, 2
 - Sample Data Sheets
 - Method Blank Reports
 - Laboratory QC Reports
- SOLID, D 2216-90, Percent Moisture
Samples: 1, 2
 - Sample Data Sheets
 - Method Blank Reports
 - Laboratory QC Reports

There were no anomalies associated with this project.

G4B160167

STL Sacramento 516-373-5600

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SEVERN
TRENT

STL



STL Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
Alaska	US7 055	Oregon	CA 200005
Arizona	AZ0016	Pennsylvania	PA-777
Arkansas	NA	South Carolina	E7014001
California	01-19CA	Utah*	021331
Connecticut	PH-991	Virginia	60178
Florida	E87570	Washington	C057
Georgia	NA	West Virginia	29-0C-154
Hawaii	NA	Wisconsin	99804680
Louisiana	01944	NFESC	NA
Nevada	CA014	USACE	NA
New Jersey	CA005	USDA Foreign Plant	17-52905
New York	11666	USDA Foreign Soil	5-46013

*NELAP accredited. A more detailed parameter list is available upon request.

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD) as required, serve through the entire analytical procedure and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed at any time, also used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compounds is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary
G4B160167

WQ#	Sample #	Client Sample ID	Sampling Date	Reporting Date
P9M1	1	TP-9B	2/5/04	2/10/04 11:55 AM
P9M2	2	TP-1B	2/5/04	2/10/04 11:55 AM

Notes(s):

The analytical results of the samples listed above are presented on the following page.

All calculations are performed before rounding to avoid round-off errors in calculation results.

Results near a "MDL" are not reported as to not influence the stated limits.

This report must be reproduced except by full, written, or written approval of the laboratory. Results for the following parameters are not reported on a dry weight basis: PCBs, dioxin, furan, and PCBs. Each time the wet/dry ratio is determined, the potential specific gravity adjustment will be reported.



STL



Date Shipped: 2/14/2004
2004-02-0206 - 3

Chain of Custody

From:
STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

To:
STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95606

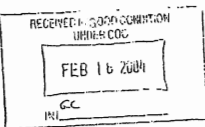
Project Manager: Alpanah Sakimpour
Phone: (525) 454-1919
Fax: (525) 484-1098
Email: asakimpour@stl-usa.com

Phone: (916) 373-5600 Ext. 107
Fax: (916) 372-1009
Contact: Maria Barajas
Phone: (916) 374-4344
Altitude Ext.

CI Submission #: 2004-02-0206
Project #: 1989-15
Project Name: Fanoce

Client Sample ID	CL#	Sampled	Matrix	Method	TAT
TP-98 Subcontract: Dioxin/FTO 1613	46	2/5/2004 12:00:00AM	Soil	1613	28 Day
TP-118 Subcontract: Dioxin/FTO 1613	52	2/5/2004 12:00:00AM	Soil	1613	28 Day

PLEASE INCLUDE CO WITH FAXED AND HARD-COPY RESULTS



RELINQUISHED BY: Signature: <i>[Signature]</i> Printed Name: M. VILLANOVA Date: 2/16/04 Company: STL SF	RELINQUISHED BY: Signature: <i>[Signature]</i> Printed Name: [Name] Date: 2-16-04 Company: STL SF	RELINQUISHED BY: Signature: <i>[Signature]</i> Printed Name: [Name] Date: 2/16/04 Company: STL SF
RECEIVED BY: Signature: <i>[Signature]</i> Printed Name: [Name] Date: 2-16-04 Company: STL SF	RECEIVED BY: Signature: <i>[Signature]</i> Printed Name: [Name] Date: 2/16/04 Company: STL SF	RECEIVED BY: Signature: <i>[Signature]</i> Printed Name: [Name] Date: 2/16/04 Company: STL SF

CLIENT: STL-SF PM 4B LOG: 15317
LOT# (QUANTIMS ID): 648160167 QUOTE# 11410 LOCATION: WLC

DATE RECEIVED: 2-16-04 **TIME RECEIVED:** 1155

DELIVERED BY:
 FEDEX CA OVERNIGHT CLIENT
 AIRBORNE GOLDENSTATE DHL
 UPS BAX GLOBAL GO-GETTERS
 STL COURIER COURIERS ON DEMAND
 OTHER

CUSTODY SEAL STATUS: INTACT BROKEN N/A

CUSTOMER SEAL # (S):

SHIPPING CONTAINER(S): STL CLIENT N/A

TEMPERATURE RECORD (IN °C): IR 1 2 OTHER: 5.2

COC # (S): NA

TEMPERATURE BLANK: 4°C
SAMPLE TEMPERATURE: 4°C

COLLECTOR'S NAME: Verified from COC Not on COC

pH MEASURED: YES ANOMALY N/A

LABELLED BY: _____

LABELS CHECKED BY: _____

PEER REVIEW: N/A

SHORT HOLD TEST NOTIFICATION:
SAMPLE RECEIVING:
 WETCHEM N/A
 VOA-ENCORES N/A
 METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL N/A
 COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES N/A
 Clouseau TEMPERATURE EXCEEDED (2 ~6 °C) N/A
 WET ICE BLUE ICE GEL PACK NO COOLING AGENTS USED PM NOTIFIED

Notes: _____

Initials	Date
ec	2/16/04

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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199																				
200																				

SOLID, 1613B,
Dioxins/Furans

Client Sample ID: TP-9B

Client Sample ID: TP-9B

Trace Level Organic Compounds

Trace Level Organic Compounds

Sample #...: G48160167-001
Sampled...: 02/05/04
Date...: 02/17/04
Prep Batch #...: 4048433
Dilution Factor: 1

Matrix...: SOLID

Lot-Sample #...: G48160167-001
Work Order #...: F9M011AC
Matrix...: SOLID

Table with columns: PARAMETER, RESULT, DETECTION LIMIT, UNITS, METHOD. Lists various chemical compounds like TCDD, PeCDD, HxCDD, HpCDD, OCDD, TCDF, PeCDF, HxCDF, HpCDF, OCDF.

(Continued on next page)

Table with columns: INTERNAL STANDARDS, PERCENT RECOVERY, RECOVERY LIMITS. Lists internal standards like 13C-2,3,7,8-TCDD, 13C-1,2,3,7,8-PeCDD, etc.

Table with columns: SURROGATE, PERCENT RECOVERY, RECOVERY LIMITS. Lists surrogate 17C14-2,3,7,8-TCDD.

NOTES(S):
Residue and reporting limits have been adjusted for dry weight.
CON: Confirmation analysis.
1: Estimated result. Result is less than 2x reporting limit.

Client Sample ID: TP-11B

Client Sample ID: TP-11B

Trace Level Organic Compounds

Trace Level Organic Compounds

Lot-Sample #...: G48160167-002
Date Sampled...: 02/05/04
Date Received...: 02/16/04
Prep Date...: 02/17/04
Prep Batch #...: 4048433
Dilution Factor: 1

Matrix...: SOLID

Lot-Sample #...: G48160167-002
Work Order #...: F9M011AC
Matrix...: SOLID

Table with columns: PARAMETER, RESULT, DETECTION LIMIT, UNITS, METHOD. Lists various chemical compounds like TCDD, PeCDD, HxCDD, HpCDD, OCDD, TCDF, PeCDF, HxCDF, HpCDF, OCDF.

(Continued on next page)

Table with columns: INTERNAL STANDARDS, PERCENT RECOVERY, RECOVERY LIMITS. Lists internal standards like 13C-2,3,7,8-TCDD, 13C-1,2,3,7,8-PeCDD, etc.

Table with columns: SURROGATE, PERCENT RECOVERY, RECOVERY LIMITS. Lists surrogate 17C14-2,3,7,8-TCDD.

NOTES(S):
Residue and reporting limits have been adjusted for dry weight.
CON: Confirmation analysis.
1: Estimated result. Result is less than 2x reporting limit.

QC DATA ASSOCIATION SUMMARY

G4B160167

METHOD BLANK REPORT

Trace Level Organic Compounds

Sample Preparation and Analysis Control Numbers

Client Lot #...: G4B160167 Work Order #...: F9PK51AA Matrix.....: SOLID
 MS Lot-Sample #: G4B170006-431
 Analysis Date...: 02/20/04 Prep Date.....: 02/17/04
 Dilution Factor: 1 Prep Batch #...: 4048431

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS CODE
001	SOLID	EPA-5 1613B		4048431	
	SOLID	ASTM D 2216-90		4048431	
002	SOLID	EPA-5 1613B		4048431	
	SOLID	ASTM D 2216-90		4048431	

PARAMETER	RESULT	DETECTION		METHOD
		LIMIT	UNITS	
2,3,7,8-TCDF	ND	0.32	pg/g	EPA-5 1613B
Total TCDF	ND	0.32	pg/g	EPA-5 1613B
1,2,3,7,8-PeCDD	ND	0.65	pg/g	EPA-5 1613B
Total PeCDD	ND	0.65	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDD	ND	0.41	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDD	ND	0.40	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDD	ND	0.39	pg/g	EPA-5 1613B
Total HxCDD	ND	0.41	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	ND	0.58	pg/g	EPA-5 1613B
Total HpCDD	ND	0.58	pg/g	EPA-5 1613B
OCDF	ND	1.8	pg/g	EPA-5 1613B
2,3,7,8-TCDF	ND	0.25	pg/g	EPA-5 1613B
Total TCDF	ND	0.25	pg/g	EPA-5 1613B
1,2,3,7,8-PeCDF	ND	0.35	pg/g	EPA-5 1613B
1,2,4,7,8-PeCDF	ND	0.38	pg/g	EPA-5 1613B
Total PeCDF	ND	0.38	pg/g	EPA-5 1613B
1,2,3,4,7,8-HxCDF	ND	0.34	pg/g	EPA-5 1613B
1,2,3,6,7,8-HxCDF	ND	0.32	pg/g	EPA-5 1613B
1,2,3,7,8,9-HxCDF	ND	0.22	pg/g	EPA-5 1613B
Total HxCDF	ND	0.34	pg/g	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	ND	0.28	pg/g	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	ND	0.48	pg/g	EPA-5 1613B
Total HpCDF	ND	0.48	pg/g	EPA-5 1613B
OCDF	ND	0.82	pg/g	EPA-5 1613B

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11/20/07

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G4B160167

STL Sacramento (916) 373-5600

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METHOD BLANK REPORT

Trace Level Organic Compounds

Client Lot #...: G4B160167 Work Order #...: F9PK51AA Matrix.....: SOLID

PARAMETER	RESULT	DETECTION LIMIT	UNITS	METHOD
INTERNAL STANDARDS				
13C-2,3,7,8-TCDF	87	(28 - 144)		
13C-1,2,3,4,7,8-PeCDD	66	(28 - 141)		
13C-1,2,3,4,7,8-HxCDD	73	(22 - 111)		
13C-1,2,3,6,7,8-HxCDD	83	(28 - 139)		
13C-1,2,3,4,6,7,8-HpCDD	51	(22 - 140)		
13C-OCDF	84	(37 - 177)		
13C-2,3,7,8-TCDF	81	(24 - 123)		
13C-1,2,3,4,7,8-PeCDF	89	(21 - 129)		
13C-1,2,3,6,7,8-HxCDF	80	(24 - 123)		
13C-1,2,3,4,6,7,8-HpCDF	109	(28 - 136)		
13C-1,2,3,7,8,9-HxCDF	77	(29 - 147)		
13C-1,2,3,4,6,7,8-HpCDF	83	(28 - 143)		
13C-1,2,3,4,7,8,9-HpCDF	83	(26 - 138)		
13C-1,2,3,4,7,8-HxCDF	83	(26 - 132)		
SURROGATE				
17C14-2,3,7,8-TCDF	97	(35 - 177)		

NOTE (1):
 Calculations are performed before rounding to avoid round-off error in additional results.

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #...: G4B160167 Work Order #...: F9PK51AC Matrix.....: SOLID
 MS Lot-Sample #: G4B170006-431
 Analysis Date...: 02/20/04
 Prep Date.....: 02/17/04
 Prep Batch #...: 4048431
 Dilution Factor: 1

PARAMETER	SPKRS AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,3,7,8-TCDF	20.0	20.2	pg/g	101	EPA-5 1613B
1,2,3,7,8-PeCDD	100	103	pg/g	103	EPA-5 1613B
1,2,3,4,7,8-HxCDD	100	97.0	pg/g	97	EPA-5 1613B
1,2,3,6,7,8-HxCDD	100	106	pg/g	106	EPA-5 1613B
1,2,3,7,8,9-HxCDD	100	104	pg/g	104	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	100	103	pg/g	103	EPA-5 1613B
OCDD	200	204	pg/g	102	EPA-5 1613B
2,3,7,8-TCDF	20.0	19.5	pg/g	98	EPA-5 1613B
1,2,3,7,8-PeCDF	100	102	pg/g	102	EPA-5 1613B
2,3,4,7,8-PeCDF	100	103	pg/g	103	EPA-5 1613B
1,2,3,4,7,8-HxCDF	100	102	pg/g	102	EPA-5 1613B
1,2,3,6,7,8-HxCDF	100	103	pg/g	103	EPA-5 1613B
2,3,4,6,7,8-HpCDF	100	105	pg/g	105	EPA-5 1613B
1,2,3,7,8,9-HpCDF	100	97.9	pg/g	98	EPA-5 1613B
1,2,3,4,6,7,8-HpCDF	100	100	pg/g	100	EPA-5 1613B
1,2,3,4,7,8,9-HpCDF	100	108	pg/g	108	EPA-5 1613B
OCDF	200	205	pg/g	102	EPA-5 1613B

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G4B160167

STL Sacramento (916) 373-5600

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G4B160167

STL Sacramento (916) 373-5600

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LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot #: 048160167 Work Order #: F9PK51AC Matrix: SOLID
 LCS Lot-Sample#: 048170000-431

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	80	(25 - 164)
13C-1,2,3,7,8-PeCDD	83	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	86	(22 - 181)
13C-1,2,3,6,7,8-HxCDD	80	(28 - 180)
13C-1,2,3,4,6,7,8-HpCDD	80	(23 - 140)
13C-OCDD	81	(17 - 157)
13C-2,3,7,8-TCDF	78	(24 - 165)
13C-1,2,3,7,8-PeCDF	82	(24 - 165)
13C-2,3,4,7,8-PeCDF	83	(21 - 178)
13C-1,2,3,4,7,8-HxCDF	80	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	92	(20 - 126)
13C-1,2,3,7,8,9-HxCDF	77	(29 - 147)
13C-1,2,3,4,6,7,8,9-HpCDF	82	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	78	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	81	(26 - 152)
SUBSTITUTE	PERCENT RECOVERY	RECOVERY LIMITS
57C14-2,3,7,8-TCDD	85	(35 - 197)

NOTE (S):
 Calculations are performed before rounding to avoid round-off error in calculated results.
 Bold print denotes required parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #: 048160167 Work Order #: F9PK51AC Matrix: SOLID
 LCS Lot-Sample#: 048170000-431
 Prep Date: 02/17/04 Analysis Date: 02/20/04
 Prep Batch #: 4040431
 Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,3,7,8-TCDD	101	(67 - 158)	EPA-5 1613B
1,2,3,7,8-PeCDD	103	(70 - 142)	EPA-5 1613B
1,2,3,4,7,8-HxCDD	97	(70 - 164)	EPA-5 1613B
1,2,3,6,7,8-HxCDD	106	(76 - 134)	EPA-5 1613B
1,2,3,7,8,9-HxCDD	104	(64 - 162)	EPA-5 1613B
1,2,3,4,6,7,8-HpCDD	101	(70 - 140)	EPA-5 1613B
OCDD	102	(78 - 144)	EPA-5 1613B
2,3,7,8-TCDF	90	(75 - 150)	EPA-5 1613B
1,2,3,7,8-PeCDF	102	(60 - 134)	EPA-5 1613B
2,3,4,7,8-PeCDF	103	(60 - 160)	EPA-5 1613B
1,2,3,4,7,8-HxCDF	102	(72 - 134)	EPA-5 1613B
1,2,3,6,7,8-HxCDF	103	(84 - 130)	EPA-5 1613B
2,3,4,6,7,8-HxCDF	105	(70 - 156)	EPA-5 1613B
1,2,3,7,8,9-HpCDF	98	(78 - 130)	EPA-5 1613B
1,2,3,4,6,7,8,9-HpCDF	100	(82 - 122)	EPA-5 1613B
OCDF	108	(78 - 138)	EPA-5 1613B
	102	(63 - 170)	EPA-5 1613B

continued on next page

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STL Sacramento (616) 373-5500

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048160167

STL Sacramento (616) 373-5500

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

Trace Level Organic Compounds

Client Lot #: 048160167 Work Order #: F9PK51AC Matrix: SOLID
 LCS Lot-Sample#: 048170000-431

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	88	(25 - 164)
13C-1,2,3,7,8-PeCDD	83	(25 - 181)
13C-1,2,3,4,7,8-HxCDD	86	(22 - 181)
13C-1,2,3,6,7,8-HxCDD	80	(28 - 180)
13C-1,2,3,4,6,7,8-HpCDD	80	(23 - 140)
13C-OCDD	81	(17 - 157)
13C-2,3,7,8-TCDF	78	(24 - 165)
13C-1,2,3,7,8-PeCDF	82	(24 - 165)
13C-2,3,4,7,8-PeCDF	83	(21 - 178)
13C-1,2,3,4,7,8-HxCDF	80	(26 - 123)
13C-2,3,4,6,7,8-HxCDF	92	(20 - 126)
13C-1,2,3,7,8,9-HxCDF	77	(29 - 147)
13C-1,2,3,4,6,7,8,9-HpCDF	82	(28 - 143)
13C-1,2,3,4,7,8,9-HpCDF	78	(26 - 138)
13C-1,2,3,4,7,8-HxCDF	81	(26 - 152)
SUBSTITUTE	PERCENT RECOVERY	RECOVERY LIMITS
57C14-2,3,7,8-TCDD	85	(35 - 197)

NOTE (S):
 Calculations are performed before rounding to avoid round-off error in calculated results.
 Bold print denotes required parameters

SOLID, D 2216-90, Percent Moisture

048160167

STL Sacramento (616) 373-5500

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048160167

STL Sacramento (616) 373-5500

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STL SAN FRANCISCO

Client Sample ID: TP-9B

General Chemistry

Lot-Sample #...: G48160167-00
Date Sampled...: 02/05/04

Work Order #...: F9M7
Date Received...: 02/16/04

Matrix...: SOLID

PARAMETER	RESULT	FL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Moisture	11.7		%	ASTM D 2216-90	02/17-02/19/04	4048417

Dilution Factor: 1

STL SAN FRANCISCO

Client Sample ID: TP-11B

General Chemistry

Lot-Sample #...: G48160167-002
Date Sampled...: 02/05/04

Work Order #...: F9M7
Date Received...: 02/16/04

Matrix...: SOLID

PARAMETER	RESULT	FL	UNITS	METHOD	PREPARATION- ANALYSIS DATE	PREP BATCH #
Percent Moisture	13.0		%	ASTM D 2216-90	02/17-02/19/04	4048417

Dilution Factor: 1

G48160167

STL Sacramento #161-550-5600

204421

G48160167

STL Sacramento #161-550-5600

204421



Submission #: 2004-02-0206

Organochlorine Pesticides Analysis

Lowmy Associates San Ramon
Attn: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax (925) 275-2555

Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-21	02/04/2004	Soil	1
AG-22	02/04/2004	Soil	2
AG-24	02/04/2004	Soil	4
AG-26	02/04/2004	Soil	6
AG-27	02/04/2004	Soil	7
AG-28	02/04/2004	Soil	8
AG-29	02/04/2004	Soil	9
AG-30	02/04/2004	Soil	10
AG-31	02/04/2004	Soil	11
AG-32	02/04/2004	Soil	12
AG-33	02/04/2004	Soil	13
AG-34	02/04/2004	Soil	14
AG-35	02/04/2004	Soil	15
AG-36	02/04/2004	Soil	16
AG-37	02/04/2004	Soil	17
AG-38	02/04/2004	Soil	18
AG-39	02/04/2004	Soil	19
BU-1A-1D	02/05/2004	Soil	30
BU-2A-2D	02/05/2004	Soil	33
TP-1-1,1-2	02/05/2004	Soil	34
TP-3-1,3-2	02/05/2004	Soil	35
TP-4-2	02/05/2004	Soil	37
TP-5-2	02/05/2004	Soil	39
TP-7B	02/05/2004	Soil	41
TP-8B	02/05/2004	Soil	44
TP-9B	02/05/2004	Soil	46



Submission #: 2004-02-0206

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: AG-21 Lab ID: 2004-02-0206 - 1
 Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
 Matrix: Soil QC Batch#: 2004/02/10-01.13
 Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Dieldrin	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endrin aldehyde	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endrin	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endrin ketone	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Heptachlor	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Heptachlor epoxide	ND	20	ug/Kg	10.00	02/14/2004 22:04	
4,4'-DDT	42	20	ug/Kg	10.00	02/14/2004 22:04	
4,4'-DDE	190	20	ug/Kg	10.00	02/14/2004 22:04	
4,4'-DDD	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endosulfan I	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endosulfan II	ND	20	ug/Kg	10.00	02/14/2004 22:04	
alpha-BHC	ND	20	ug/Kg	10.00	02/14/2004 22:04	
beta-BHC	ND	20	ug/Kg	10.00	02/14/2004 22:04	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	02/14/2004 22:04	
delta-BHC	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Endosulfan sulfate	ND	20	ug/Kg	10.00	02/14/2004 22:04	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Toxaphene	ND	400	ug/Kg	10.00	02/14/2004 22:04	
Chlordane (Technical)	ND	500	ug/Kg	10.00	02/14/2004 22:04	
alpha-Chlordane	ND	20	ug/Kg	10.00	02/14/2004 22:04	
gamma-Chlordane	ND	20	ug/Kg	10.00	02/14/2004 22:04	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	02/14/2004 22:04	
Decachlorobiphenyl (Pest/8081)	NA	46-1-2	%	10.00	02/14/2004 22:04	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-22 Lab ID: 2004-02-0206 - 2
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, Heptachlor, etc. with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-24 Lab ID: 2004-02-0206 - 4
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, Heptachlor, etc. with their respective concentrations and analysis dates.

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Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-26 Lab ID: 2004-02-0206 - 6
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, Heptachlor, etc. with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-27 Lab ID: 2004-02-0206 - 7
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, Heptachlor, etc. with their respective concentrations and analysis dates.

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Organochlorine Pesticides Analysis

Organochlorine Pesticides Analysis

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Project: 1989-1B

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-28 Lab ID: 2004-02-0206 - 8
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-29 Lab ID: 2004-02-0206 - 9
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides and their concentrations.

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides and their concentrations.

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Organochlorine Pesticides Analysis

Organochlorine Pesticides Analysis

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Project: 1989-1B

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Project: 1989-1B

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-30 Lab ID: 2004-02-0206 - 10
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-31 Lab ID: 2004-02-0206 - 11
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides and their concentrations.

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides and their concentrations.

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon

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Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-32 Lab ID: 2004-02-0206 - 12
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Dieldrin	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
4,4'-DDE	3.5	2.0	ug/Kg	1.00	02/15/2004 15:48	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Endosulfan sulfate	2.4	2.0	ug/Kg	1.00	02/15/2004 15:48	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 15:48	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 15:48	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 15:48	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	67.7	50-125	%	1.00	02/15/2004 15:48	
Decachlorobiphenyl (Pest/8081)	85.7	46-142	%	1.00	02/15/2004 15:48	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon

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Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-33 Lab ID: 2004-02-0206 - 13
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Dieldrin	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endrin	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endrin ketone	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Heptachlor	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/15/2004 16:19	
4,4'-DDT	37	10	ug/Kg	5.00	02/15/2004 16:19	
4,4'-DDE	65	10	ug/Kg	5.00	02/15/2004 16:19	
4,4'-DDD	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endosulfan I	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endosulfan II	ND	10	ug/Kg	5.00	02/15/2004 16:19	
alpha-BHC	ND	10	ug/Kg	5.00	02/15/2004 16:19	
beta-BHC	ND	10	ug/Kg	5.00	02/15/2004 16:19	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/15/2004 16:19	
delta-BHC	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Endosulfan sulfate	ND	10	ug/Kg	5.00	02/15/2004 16:19	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/15/2004 16:19	
Toxaphene	640	200	ug/Kg	5.00	02/15/2004 16:19	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/15/2004 16:19	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 16:19	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 16:19	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	87.8	50-125	%	5.00	02/15/2004 16:19	
Decachlorobiphenyl (Pest/8081)	79.5	46-142	%	5.00	02/15/2004 16:19	

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Organochlorine Pesticides Analysis

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Phone: (925) 275-2550 Fax: (925) 275-2555Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-34 Lab ID: 2004-02-0206 - 14
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Dieldrin	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endrin aldehyde	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endrin	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endrin ketone	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Heptachlor	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Heptachlor epoxide	ND	20	ug/Kg	10.00	02/15/2004 16:50	
4,4'-DDT	42	20	ug/Kg	10.00	02/15/2004 16:50	
4,4'-DDE	94	20	ug/Kg	10.00	02/15/2004 16:50	
4,4'-DDD	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endosulfan I	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endosulfan II	ND	20	ug/Kg	10.00	02/15/2004 16:50	
alpha-BHC	ND	20	ug/Kg	10.00	02/15/2004 16:50	
beta-BHC	ND	20	ug/Kg	10.00	02/15/2004 16:50	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	02/15/2004 16:50	
delta-BHC	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Endosulfan sulfate	ND	20	ug/Kg	10.00	02/15/2004 16:50	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	02/15/2004 16:50	
Toxaphene	700	400	ug/Kg	10.00	02/15/2004 16:50	
Chlordane (Technical)	ND	500	ug/Kg	10.00	02/15/2004 16:50	
alpha-Chlordane	ND	20	ug/Kg	10.00	02/15/2004 16:50	
gamma-Chlordane	ND	20	ug/Kg	10.00	02/15/2004 16:50	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	02/15/2004 16:50	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	02/15/2004 16:50	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon

Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555Project: 1989-1B
Fanoe

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-35 Lab ID: 2004-02-0206 - 15
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Dieldrin	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
4,4'-DDT	7.8	2.0	ug/Kg	1.00	02/15/2004 14:09	
4,4'-DDE	31	2.0	ug/Kg	1.00	02/15/2004 14:09	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Endosulfan sulfate	4.2	2.0	ug/Kg	1.00	02/15/2004 14:09	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 14:09	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 14:09	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 14:09	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	101.8	50-125	%	1.00	02/15/2004 14:09	
Decachlorobiphenyl (Pest/8081)	108.2	46-142	%	1.00	02/15/2004 14:09	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Project: 1989-1B
Fanoes

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-36 Lab ID: 2004-02-0206 - 16
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Fanoes

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-37 Lab ID: 2004-02-0206 - 17
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-38 Lab ID: 2004-02-0206 - 18
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Fanoes

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-39 Lab ID: 2004-02-0206 - 19
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: BU-1A-1D Lab ID: 2004-02-0206 - 30
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13
Analysis Flag: In (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Dieldrin	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endrin	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endrin ketone	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Heptachlor	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/15/2004 18:18	
4,4'-DDT	ND	10	ug/Kg	5.00	02/15/2004 18:18	
4,4'-DDE	ND	10	ug/Kg	5.00	02/15/2004 18:18	
4,4'-DDD	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endosulfan I	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endosulfan II	ND	10	ug/Kg	5.00	02/15/2004 18:18	
alpha-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:18	
beta-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:18	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/15/2004 18:18	
delta-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Endosulfan sulfate	ND	10	ug/Kg	5.00	02/15/2004 18:18	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Toxaphene	ND	500	ug/Kg	5.00	02/15/2004 18:18	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/15/2004 18:18	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 18:18	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 18:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	76.2	50-125	%	5.00	02/15/2004 18:18	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	5.00	02/15/2004 18:18	s

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: BU-2A-2D Lab ID: 2004-02-0206 - 33
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13
Analysis Flag: In (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Dieldrin	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endrin	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endrin ketone	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Heptachlor	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/15/2004 18:50	
4,4'-DDT	ND	10	ug/Kg	5.00	02/15/2004 18:50	
4,4'-DDE	ND	10	ug/Kg	5.00	02/15/2004 18:50	
4,4'-DDD	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endosulfan I	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endosulfan II	ND	10	ug/Kg	5.00	02/15/2004 18:50	
alpha-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:50	
beta-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:50	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/15/2004 18:50	
delta-BHC	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Endosulfan sulfate	ND	10	ug/Kg	5.00	02/15/2004 18:50	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Toxaphene	ND	500	ug/Kg	5.00	02/15/2004 18:50	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/15/2004 18:50	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 18:50	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 18:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.0	50-125	%	5.00	02/15/2004 18:50	
Decachlorobiphenyl (Pest/8081)	74.1	46-142	%	5.00	02/15/2004 18:50	

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Organochlorine Pesticides Analysis

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Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-1-1,1-2 Lab ID: 2004-02-0206 - 34
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Dieldrin	150	10	ug/Kg	5.00	02/15/2004 19:21	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endrin	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endrin ketone	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Heptachlor	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/15/2004 19:21	
4,4'-DDT	ND	10	ug/Kg	5.00	02/15/2004 19:21	
4,4'-DDE	ND	10	ug/Kg	5.00	02/15/2004 19:21	
4,4'-DDD	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endosulfan I	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endosulfan II	ND	10	ug/Kg	5.00	02/15/2004 19:21	
alpha-BHC	ND	10	ug/Kg	5.00	02/15/2004 19:21	
beta-BHC	ND	10	ug/Kg	5.00	02/15/2004 19:21	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/15/2004 19:21	
delta-BHC	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Endosulfan sulfate	ND	10	ug/Kg	5.00	02/15/2004 19:21	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Toxaphene	ND	500	ug/Kg	5.00	02/15/2004 19:21	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/15/2004 19:21	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 19:21	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/15/2004 19:21	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	82.7	50-125	%	5.00	02/15/2004 19:21	
Decachlorobiphenyl (Pest/8081)	38.9	46-142	%	5.00	02/15/2004 19:21	s

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fance

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-3-1,3-2 Lab ID: 2004-02-0206 - 35
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Dieldrin	5.7	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endrin	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Heptachlor	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
4,4'-DDT	25	2.0	ug/Kg	1.00	02/15/2004 19:52	
4,4'-DDE	14	2.0	ug/Kg	1.00	02/15/2004 19:52	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
beta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
delta-BHC	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
Toxaphene	ND	100	ug/Kg	1.00	02/15/2004 19:52	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/15/2004 19:52	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/15/2004 19:52	
gamma-Chlordane	2.2	2.0	ug/Kg	1.00	02/15/2004 19:52	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	100.6	50-125	%	1.00	02/15/2004 19:52	
Decachlorobiphenyl (Pest/8081)	102.7	46-142	%	1.00	02/15/2004 19:52	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-4-2 Lab ID: 2004-02-0206 - 37
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-5-2 Lab ID: 2004-02-0206 - 39
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-7B Lab ID: 2004-02-0206 - 41
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-8B Lab ID: 2004-02-0206 - 44
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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03/16/2004 16:35

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: TP-9B Lab ID: 2004-02-0206 - 46
Sampled: 02/05/2004 Extracted: 2/9/2004 14:36
Matrix: Soil QC Batch#: 2004/02/09-03.13

Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	02/15/2004 22:27	
Dieldrin	23	20	ug/Kg	10.00	02/15/2004 22:27	
Endrin aldehyde	ND	20	ug/Kg	10.00	02/15/2004 22:27	
Endrin	260	20	ug/Kg	10.00	02/15/2004 22:27	
Endrin ketone	ND	20	ug/Kg	10.00	02/15/2004 22:27	
Heptachlor	ND	20	ug/Kg	10.00	02/15/2004 22:27	
Heptachlor epoxide	ND	20	ug/Kg	10.00	02/15/2004 22:27	
4,4'-DDT	ND	20	ug/Kg	10.00	02/15/2004 22:27	
4,4'-DDE	ND	20	ug/Kg	10.00	02/15/2004 22:27	
4,4'-DDD	ND	20	ug/Kg	10.00	02/15/2004 22:27	
Endosulfan I	ND	20	ug/Kg	10.00	02/15/2004 22:27	
Endosulfan II	ND	20	ug/Kg	10.00	02/15/2004 22:27	
alpha-BHC	ND	20	ug/Kg	10.00	02/15/2004 22:27	
beta-BHC	ND	20	ug/Kg	10.00	02/15/2004 22:27	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	02/15/2004 22:27	
delta-BHC	26	20	ug/Kg	10.00	02/15/2004 22:27	
Endosulfan sulfate	ND	20	ug/Kg	10.00	02/15/2004 22:27	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	02/15/2004 22:27	
Toxaphene	ND	1000	ug/Kg	10.00	02/15/2004 22:27	
Chlordane (Technical)	ND	500	ug/Kg	10.00	02/15/2004 22:27	
alpha-Chlordane	ND	20	ug/Kg	10.00	02/15/2004 22:27	
gamma-Chlordane	ND	20	ug/Kg	10.00	02/15/2004 22:27	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	02/15/2004 22:27	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	02/15/2004 22:27	

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Organochlorine Pesticides Analysis

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Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/09-03.13
MB: 2004/02/09-03.13-001 Date Extracted: 02/09/2004 14:36

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	02/15/2004 16:45	
Dieldrin	ND	2.0	ug/Kg	02/15/2004 16:45	
Endrin aldehyde	ND	2.0	ug/Kg	02/15/2004 16:45	
Endrin	ND	2.0	ug/Kg	02/15/2004 16:45	
Endrin ketone	ND	2.0	ug/Kg	02/15/2004 16:45	
Heptachlor	ND	2.0	ug/Kg	02/15/2004 16:45	
Heptachlor epoxide	ND	2.0	ug/Kg	02/15/2004 16:45	
4,4'-DDT	ND	2.0	ug/Kg	02/15/2004 16:45	
4,4'-DDE	ND	2.0	ug/Kg	02/15/2004 16:45	
4,4'-DDD	ND	2.0	ug/Kg	02/15/2004 16:45	
Endosulfan I	ND	2.0	ug/Kg	02/15/2004 16:45	
Endosulfan II	ND	2.0	ug/Kg	02/15/2004 16:45	
alpha-BHC	ND	2.0	ug/Kg	02/15/2004 16:45	
beta-BHC	ND	2.0	ug/Kg	02/15/2004 16:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	02/15/2004 16:45	
delta-BHC	ND	2.0	ug/Kg	02/15/2004 16:45	
Endosulfan sulfate	ND	2.0	ug/Kg	02/15/2004 16:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	02/15/2004 16:45	
Toxaphene	ND	100	ug/Kg	02/15/2004 16:45	
Chlordane (Technical)	ND	50	ug/Kg	02/15/2004 16:45	
alpha-Chlordane	ND	2.0	ug/Kg	02/15/2004 16:45	
gamma-Chlordane	ND	2.0	ug/Kg	02/15/2004 16:45	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	98.7	50-125	%	02/15/2004 16:45	
Decachlorobiphenyl (Pest/8081)	116.2	46-142	%	02/15/2004 16:45	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/10-01.13
MB: 2004/02/10-01.13-001 Date Extracted: 02/10/2004 08:13

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	02/14/2004 10:39	
Dieldrin	ND	2.0	ug/Kg	02/14/2004 10:39	
Endrin aldehyde	ND	2.0	ug/Kg	02/14/2004 10:39	
Endrin	ND	2.0	ug/Kg	02/14/2004 10:39	
Endrin ketone	ND	2.0	ug/Kg	02/14/2004 10:39	
Heptachlor	ND	2.0	ug/Kg	02/14/2004 10:39	
Heptachlor epoxide	ND	2.0	ug/Kg	02/14/2004 10:39	
4,4'-DDT	ND	2.0	ug/Kg	02/14/2004 10:39	
4,4'-DDE	ND	2.0	ug/Kg	02/14/2004 10:39	
4,4'-DDD	ND	2.0	ug/Kg	02/14/2004 10:39	
Endosulfan I	ND	2.0	ug/Kg	02/14/2004 10:39	
Endosulfan II	ND	2.0	ug/Kg	02/14/2004 10:39	
alpha-BHC	ND	2.0	ug/Kg	02/14/2004 10:39	
beta-BHC	ND	2.0	ug/Kg	02/14/2004 10:39	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	02/14/2004 10:39	
delta-BHC	ND	2.0	ug/Kg	02/14/2004 10:39	
Endosulfan sulfate	ND	2.0	ug/Kg	02/14/2004 10:39	
4,4'-Methoxychlor	ND	2.0	ug/Kg	02/14/2004 10:39	
Toxaphene	ND	100	ug/Kg	02/14/2004 10:39	
Chlordane (Technical)	ND	50	ug/Kg	02/14/2004 10:39	
alpha-Chlordane	ND	2.0	ug/Kg	02/14/2004 10:39	
gamma-Chlordane	ND	2.0	ug/Kg	02/14/2004 10:39	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	89.9	50-125	%	02/14/2004 10:39	
Decachlorobiphenyl (Pest/8081)	90.3	46-142	%	02/14/2004 10:39	

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Organochlorine Pesticides Analysis

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Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Laboratory Control Spike Soil QC Batch # 2004/02/09-03.13
LCS 2004/02/09-03.13-002 Extracted: 02/09/2004 Analyzed: 02/15/2004 17:16
LCSD 2004/02/09-03.13-003 Extracted: 02/09/2004 Analyzed: 02/15/2004 17:47

Compound	Conc.	ug/Kg	Exp. Conc.	Recovery %		RPD	Ctrl Limits %	Flags
				LCS	LCSD			
Aldrin	16.0	12.2	16.7	95.8	73.1	26.9	37-136	35
Dieldrin	16.0	14.6	16.7	95.8	87.4	9.2	58-135	35
Endrin	17.3	15.5	16.7	103.6	92.8	11.0	58-134	35
Heptachlor	15.7	11.8	16.7	94.0	70.7	28.3	40-136	35
4,4'-DDT	17.8	17.5	16.7	106.6	104.8	1.7	55-132	35
gamma-BHC (Lindane)	15.6	11.4	16.7	93.4	68.3	31.0	37-137	35
Surrogate(s)								
2,4,5,6-Tetrachloro-m-xylene	48.8	34.0	50	97.7	68.0		50-125	0
Decachlorobiphenyl	56.5	58.7	50	113.0	117.4		46-142	0

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2004/02/10-01.13
LCS 2004/02/10-01.13-002 Extracted: 02/10/2004 Analyzed: 02/14/2004 11:10
LCSD 2004/02/10-01.13-003 Extracted: 02/10/2004 Analyzed: 02/14/2004 11:41

Table with columns: Compound, Conc., ug/Kg, Exp. Conc., Recovery %, RPD, Ctr.Limits %, Flags. Rows include Aldrin, Dieldrin, Endrin, Heptachlor, 4,4'-DDT, gamma-BHC (Lindane), Surrogate(s), 2,4,5,6-Tetrachloro-m-xylene, Decachlorobiphenyl.

Organochlorine Pesticides Analysis

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Project: 1989-1B
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Legend and Notes

Analysis Flag

lm Reporting limits raised due to high level of non-target analyte materials.

sdo Surrogate(s) diluted out

Result Flag

s One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Organochlorine Pesticides Analysis

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Samples Reported

Table with columns: Sample Name, Date Sampled, Matrix, Lab #. Row: AG-23, 02/04/2004, Soil, 3.

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-23 Lab ID: 2004-02-0206 - 3
Sampled: 02/04/2004 Extracted: 2/10/2004 08:13
Matrix: Soil QC Batch#: 2004/02/10-01.13
Analysis Flag: sdo (See Legend and Note Section)

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Rows include Aldrin, Dieldrin, Endrin aldehyde, Endrin, Endrin ketone, Heptachlor, Heptachlor epoxide, 4,4'-DDT, 4,4'-DDE, 4,4'-DDD, Endosulfan I, Endosulfan II, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, Endosulfan sulfate, 4,4'-Methoxychlor, Toxaphene, Chlordane (Technical), alpha-Chlordane, gamma-Chlordane, Surrogate(s), 2,4,5,6-Tetrachloro-m-xylene, Decachlorobiphenyl (Pest/8081).

Organochlorine Pesticides Analysis

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 Project: 1989-1B
 Fanoce

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
 Method Blank Soil QC Batch # 2004/02/10-01.13
 MB: 2004/02/10-01.13-001 Date Extracted: 02/10/2004 08:13

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	02/14/2004 10:39	
Dieldrin	ND	2.0	ug/Kg	02/14/2004 10:39	
Endrin aldehyde	ND	2.0	ug/Kg	02/14/2004 10:39	
Endrin	ND	2.0	ug/Kg	02/14/2004 10:39	
Endrin ketone	ND	2.0	ug/Kg	02/14/2004 10:39	
Heptachlor	ND	2.0	ug/Kg	02/14/2004 10:39	
Heptachlor epoxide	ND	2.0	ug/Kg	02/14/2004 10:39	
4,4'-DDT	ND	2.0	ug/Kg	02/14/2004 10:39	
4,4'-DDE	ND	2.0	ug/Kg	02/14/2004 10:39	
4,4'-DDD	ND	2.0	ug/Kg	02/14/2004 10:39	
Endosulfan I	ND	2.0	ug/Kg	02/14/2004 10:39	
Endosulfan II	ND	2.0	ug/Kg	02/14/2004 10:39	
alpha-BHC	ND	2.0	ug/Kg	02/14/2004 10:39	
beta-BHC	ND	2.0	ug/Kg	02/14/2004 10:39	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	02/14/2004 10:39	
delta-BHC	ND	2.0	ug/Kg	02/14/2004 10:39	
Endosulfan sulfate	ND	2.0	ug/Kg	02/14/2004 10:39	
4,4'-Methoxychlor	ND	2.0	ug/Kg	02/14/2004 10:39	
Toxaphene	ND	100	ug/Kg	02/14/2004 10:39	
Chlordane (Technical)	ND	50	ug/Kg	02/14/2004 10:39	
alpha-Chlordane	ND	2.0	ug/Kg	02/14/2004 10:39	
gamma-Chlordane	ND	2.0	ug/Kg	02/14/2004 10:39	
<i>Surrogates(s)</i>					
2,4,5,6-Tetrachloro-m-xylene	89.9	50-125	%	02/14/2004 10:39	
Decachlorobiphenyl (Pest/8081)	90.3	46-142	%	02/14/2004 10:39	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoce

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2004/02/10-01.13
 LCS 2004/02/10-01.13-002 Extracted: 02/10/2004 Analyzed: 02/14/2004 11:10
 LCSD 2004/02/10-01.13-003 Extracted: 02/10/2004 Analyzed: 02/14/2004 11:41

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Crt. Limits %		Flags
	LCS	LCSD		LCS	LCSD		% Rec.	RPD	
Aldrin	15.1	13.6	16.6	91.0	81.9	10.5	37-136	35	
Dieldrin	14.8	13.9	16.6	89.2	83.7	6.4	58-135	35	
Endrin	15.4	14.3	16.6	92.8	86.1	7.5	58-134	35	
Heptachlor	15.9	14.1	16.6	95.8	84.9	12.1	40-136	35	
4,4'-DDT	15.3	14.6	16.6	92.2	88.0	4.7	55-132	35	
gamma-BHC (Lindane)	14.9	13.4	16.6	89.8	80.7	10.7	37-137	35	
<i>Surrogates(s)</i>									
2,4,5,6-Tetrachloro-m-xylene	47.1	40.9	50	94.3	81.8		50-125	0	
Decachlorobiphenyl	47.3	45.4	50	94.6	90.9		46-142	0	

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Organochlorine Pesticides Analysis

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 Project: 1989-1B
 Fanoce

Received: 02/06/2004 18:35

Legend and Notes

Analysis Flag
 sdo Surrogate(s) diluted out

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoce

Received: 02/06/2004 18:35

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-25	02/04/2004	Soil	5

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Page 1 of 5

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-25 Lab ID: 2004-02-0206 - 5
Sampled: 02/04/2004 Extracted: 2/16/2004 08:42
Matrix: Soil QC Batch#: 2004/02/16-01.13
Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Dieldrin	29	20	ug/Kg	10.00	02/18/2004 08:05	
Endrin aldehyde	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endrin	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endrin ketone	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Heptachlor	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Heptachlor epoxide	ND	20	ug/Kg	10.00	02/18/2004 08:05	
4,4'-DDT	59	20	ug/Kg	10.00	02/18/2004 08:05	
4,4'-DDE	160	20	ug/Kg	10.00	02/18/2004 08:05	
4,4'-DDD	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endosulfan I	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endosulfan II	ND	20	ug/Kg	10.00	02/18/2004 08:05	
alpha-BHC	ND	20	ug/Kg	10.00	02/18/2004 08:05	
beta-BHC	ND	20	ug/Kg	10.00	02/18/2004 08:05	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	02/18/2004 08:05	
delta-BHC	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Endosulfan sulfate	ND	20	ug/Kg	10.00	02/18/2004 08:05	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Toxaphene	750	400	ug/Kg	10.00	02/18/2004 08:05	
Chlordane (Technical)	ND	500	ug/Kg	10.00	02/18/2004 08:05	
alpha-Chlordane	ND	20	ug/Kg	10.00	02/18/2004 08:05	
gamma-Chlordane	ND	20	ug/Kg	10.00	02/18/2004 08:05	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	02/18/2004 08:05	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	02/18/2004 08:05	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

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Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/16-01.13
MB: 2004/02/16-01.13-001 Date Extracted: 02/16/2004 08:42

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	02/17/2004 18:56	
Dieldrin	ND	2.0	ug/Kg	02/17/2004 18:56	
Endrin aldehyde	ND	2.0	ug/Kg	02/17/2004 18:56	
Endrin	ND	2.0	ug/Kg	02/17/2004 18:56	
Endrin ketone	ND	2.0	ug/Kg	02/17/2004 18:56	
Heptachlor	ND	2.0	ug/Kg	02/17/2004 18:56	
Heptachlor epoxide	ND	2.0	ug/Kg	02/17/2004 18:56	
4,4'-DDT	ND	2.0	ug/Kg	02/17/2004 18:56	
4,4'-DDE	ND	2.0	ug/Kg	02/17/2004 18:56	
4,4'-DDD	ND	2.0	ug/Kg	02/17/2004 18:56	
Endosulfan I	ND	2.0	ug/Kg	02/17/2004 18:56	
Endosulfan II	ND	2.0	ug/Kg	02/17/2004 18:56	
alpha-BHC	ND	2.0	ug/Kg	02/17/2004 18:56	
beta-BHC	ND	2.0	ug/Kg	02/17/2004 18:56	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	02/17/2004 18:56	
delta-BHC	ND	2.0	ug/Kg	02/17/2004 18:56	
Endosulfan sulfate	ND	2.0	ug/Kg	02/17/2004 18:56	
4,4'-Methoxychlor	ND	2.0	ug/Kg	02/17/2004 18:56	
Toxaphene	ND	100	ug/Kg	02/17/2004 18:56	
Chlordane (Technical)	ND	50	ug/Kg	02/17/2004 18:56	
alpha-Chlordane	ND	2.0	ug/Kg	02/17/2004 18:56	
gamma-Chlordane	ND	2.0	ug/Kg	02/17/2004 18:56	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	84.4	50-125	%	02/17/2004 18:56	
Decachlorobiphenyl (Pest/8081)	97.3	46-142	%	02/17/2004 18:56	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2004/02/16-01.13

LCS 2004/02/16-01.13-002 Extracted: 02/16/2004 Analyzed: 02/17/2004 19:27
LCSD 2004/02/16-01.13-003 Extracted: 02/16/2004 Analyzed: 02/17/2004 19:58

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Crt/Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Aldrin	13.6	12.6	16.5	82.4	76.4	7.6	37-136	35	
Dieldrin	14.0	12.9	16.5	84.8	78.2	6.1	58-135	35	
Endrin	14.6	13.3	16.5	88.5	80.6	9.3	58-134	35	
Heptachlor	14.5	13.7	16.5	87.9	83.0	5.7	40-136	35	
4,4'-DDT	15.2	13.5	16.5	92.1	81.8	11.8	55-132	35	
gamma-BHC (Lindane)	13.2	12.4	16.5	80.0	75.2	6.2	37-137	35	
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	40.2	39.3	50	80.3	78.6	0	50-125	0	
Decachlorobiphenyl	40.3	44.0	50	98.5	88.0	0	46-142	0	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoce

Received: 02/06/2004 18:35

Legend and Notes

Analysis Flag

sdo

Surrogate(s) diluted out

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M

Laboratory Control Spike Soil **QC Batch # 2004/02/18-05.10**
LCS 2004/02/18-05.10-001 Extracted: 02/18/2004 Analyzed: 02/19/2004 02:42
LCSD 2004/02/18-05.10-002 Extracted: 02/18/2004 Analyzed: 02/19/2004 03:12

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Crt.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec	RPD	
Diesel	39.1	43.6	41.4	94.4	105.1	10.7	60-130	25	
Surrogate(s) o-Terphenyl	18.9	19.0	20.0	94.5	95.2		60-130	0	

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M

Laboratory Control Spike Soil **QC Batch # 2004/02/19-05.10**
LCS 2004/02/19-05.10-004 Extracted: 02/19/2004 Analyzed: 02/19/2004 17:47
LCSD 2004/02/19-05.10-005 Extracted: 02/19/2004 Analyzed: 02/19/2004 18:14

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Crt.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec	RPD	
Diesel	34.9	38.0	41.6	83.9	91.8	9.0	60-130	25	
Surrogate(s) o-Terphenyl	19.0	19.9	20.0	95.1	99.5		60-130	0	

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M

Matrix Spike (MS / MSD) Soil **QC Batch # 2004/02/18-05.10**
EB-1 4-4 1/2 >> MS Lab ID: 2004-02-0487 - 019
MS: 2004/02/18-05.10-004 Extracted: 02/18/2004 Analyzed: 02/18/2004 20:07
Dilution: 1.00
MSD: 2004/02/18-05.10-005 Extracted: 02/18/2004 Analyzed: 02/18/2004 20:34
Dilution: 1.00

Compound	Conc. mg/Kg		Spk Level	Recovery %		RPD	Limits %		Flags
	MS	MSD		MS	MSD		Rec	RPD	
Diesel	37.1	34.2	ND	41.3	89.8	83.0	7.9	60-130	25
Surrogate(s) o-Terphenyl	20.2	18.7		20.0	100.8	93.5		60-130	0

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
Attn. Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004 13:15

Legend and Notes

- Result Flag**
- b Analyte was found in the method blank at a concentration greater than the reporting limit.
 - ldr Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard
 - ndp Hydrocarbon reported does not match the pattern of our Diesel standard

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-6 2 1/2-3	02/11/2004	Soil	39

TEPH w/ Silica Gel Clean-up

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Attn.: Tom McCloskey

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: EB-6 2 1/2-3	Lab ID: 2004-02-0487 - 39
Sampled: 02/11/2004	Extracted: 2/20/2004 13:51
Matrix: Soil	QC Batch#: 2004/02/20-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.1	1.0	mg/Kg	1.00	02/20/2004 16:14	ndp
Motor Oil	ND	50	mg/Kg	1.00	02/20/2004 16:14	
Surrogate(s)						
o-Terphenyl	88.4	60-130	%	1.00	02/20/2004 16:14	

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M
Method Blank Soil QC Batch # 2004/02/20-04.10
MB: 2004/02/20-04 10-001 Date Extracted: 02/20/2004 13:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	02/20/2004 17:16	
Motor Oil	ND	50	mg/Kg	02/20/2004 17:16	
Surrogates(s)					
o-Terphenyl	78.7	60-130	%	02/20/2004 17:16	

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M
Laboratory Control Spike Soil QC Batch # 2004/02/20-04.10
LCS 2004/02/20-04.10-002 Extracted: 02/20/2004 Analyzed: 02/20/2004 17:46
LCSD 2004/02/20-04.10-003 Extracted: 02/20/2004 Analyzed: 02/20/2004 18:17

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Crtf. Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Diesel	34.9	32.2	41.6	83.9	77.2	8.3	60-130	25	
Surrogates(s)									
o-Terphenyl	16.9	16.0	20.0	84.3	80.0		60-130	0	

CAM W.E.T. (STLC) Lead

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe Ranch

Received: 02/13/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
PB-13	02/12/2004	Soil	1
PB-1	02/05/2004	Soil	2
PB-2	02/05/2004	Soil	3
PB-5	02/05/2004	Soil	4

CAM W.E.T. (STLC) Lead

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe Ranch

Received: 02/13/2004

Prep(s): 3005A Test(s): 6010B
Sample ID: PB-13 Lab ID: 2004-03-0038 - 1
Sampled: 02/12/2004 Extracted: 3/4/2004 05:30
Matrix: Soil QC Batch#: 2004/03/04-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	1.6	0.50	mg/L	1.00	03/04/2004 12:03	

CAM W.E.T. (STLC) Lead

Lowney Associates San Ramon
Attn.: Tom McCloskey

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San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe Ranch

Received: 02/13/2004

Prep(s): 3005A Test(s): 6010B
Sample ID: PB-1 Lab ID: 2004-03-0038 - 2
Sampled: 02/05/2004 Extracted: 3/4/2004 05:30
Matrix: Soil QC Batch#: 2004/03/04-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	170	0.50	mg/L	1.00	03/04/2004 12:17	

CAM W.E.T. (STLC) Lead

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe Ranch

Received: 02/13/2004

Prep(s): 3005A Test(s): 6010B
Sample ID: PB-2 Lab ID: 2004-03-0038 - 3
Sampled: 02/05/2004 Extracted: 3/4/2004 05:30
Matrix: Soil QC Batch#: 2004/03/04-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	63	0.50	mg/L	1.00	03/04/2004 12:22	

CAM W.E.T. (STLC) Lead

Lowney Associates San Ramon
 Attn.: Tom McCloskey
 2258 Camino Ramon
 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoe Ranch

Received: 02/13/2004

Prep(s): 3005A Test(s): 6010B
 Sample ID: PB-5 Lab ID: 2004-03-0038 - 4
 Sampled: 02/05/2004 Extracted: 3/4/2004 05:30
 Matrix: Soil QC Batch#: 2004/03/04-01.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	21	0.50	mg/L	1.00	03/04/2004 12:27	

CAM W.E.T. (STLC) Lead

Lowney Associates San Ramon
 Attn.: Tom McCloskey
 2258 Camino Ramon
 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoe Ranch

Received: 02/13/2004

Batch QC Report

Prep(s): 3005A Test(s): 6010B
 Method Blank Soil QC Batch # 2004/03/04-01.15
 MB: 2004/03/04-01.15-045 Date Extracted: 03/04/2004 05:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	0.50	mg/L	03/04/2004 11:30	

CAM W.E.T. (STLC) Lead

Lowney Associates San Ramon
 Attn.: Tom McCloskey
 2258 Camino Ramon
 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoe Ranch

Received: 02/13/2004

Batch QC Report

Prep(s): 3005A Test(s): 6010B
 Laboratory Control Spike Soil QC Batch # 2004/03/04-01.15
 LCS 2004/03/04-01.15-048 Extracted: 03/04/2004 Analyzed: 03/04/2004 11:54
 LCSD 2004/03/04-01.15-049 Extracted: 03/04/2004 Analyzed: 03/04/2004 11:59

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		% Rec	RPD	
Lead	4.69	4.66	5.00	93.8	93.2	0.6	80-120	20	

CAM W.E.T. (STLC) Lead

Lowney Associates San Ramon
 Attn.: Tom McCloskey
 2258 Camino Ramon
 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoe Ranch

Received: 02/13/2004

Batch QC Report

Prep(s): 3005A Test(s): 6010B
 Matrix Spike (MS / MSD) Soil QC Batch # 2004/03/04-01.15
 PB-13 >> MS Lab ID: 2004-03-0038 - 001
 MS: 2004/03/04-01.15-051 Extracted: 03/04/2004 Analyzed: 03/04/2004 12:08
 Dilution: 1.00
 MSD: 2004/03/04-01.15-052 Extracted: 03/04/2004 Analyzed: 03/04/2004 12:13
 Dilution: 1.00

Compound	Conc. mg/L		Spk.Level	Recovery %		Limits %		Flags			
	MS	MSD		Sample	mg/L	MS	MSD		RPD	Rec	RPD
Lead	6.31	6.31	1.60	5.00	94.2	94.2	0.0	75-125	20		



Fuel Oxygenates by 8260B

Lowney & Associates Oakland
Attn.: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanco Ranch

Received: 03/29/2004 08:25

Samples Reported

Table with 4 columns: Sample Name, Date Sampled, Matrix, Lab #. Rows include EB-8 and EB-9.

ORIGINAL SUBMISSION INFORMATION

Client Name: Lowney & Associates
Project Mgr: Tom McCloskey
Project Name: Fanco Ranch
Call Date: 03/26/2004
Name of Caller: Tom McCloskey
Address/Due Date:
Bill To:
Attn:
Comments:
Reference No: 2004-03-0870

SEVERN TRENT STL 2004-03-0038
STL San Francisco
ADD ON/CHANGE
ORDER

ANALYSIS REQUEST
Sample ID: EB-8
Date: 03/26/2004
Matrix: Water
Prep(s): 5030B
Test(s): 8260B
Lab ID: 2004-03-0870 - 1
Sampled: 03/26/2004
Extracted: 3/31/2004 10:10
QC Batch#: 2004/03/31-01.64

RUSH

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496



Fuel Oxygenates by 8260B

Lowney & Associates Oakland
Attn: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanco Ranch

Received: 03/29/2004 08:25



Fuel Oxygenates by 8260B

Lowney & Associates Oakland
Attn: Tom McCloskey
167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanco Ranch

Received: 03/29/2004 08:25

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists compounds like Gasoline, Benzene, Toluene, and Surrogate(s).

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists compounds like Gasoline, Benzene, Toluene, and Surrogate(s).

Fuel Oxygenates by 8260B

Lowney & Associates Oakland
Attn: Tom McCloskey

167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoë Ranch

Received: 03/29/2004 08:25

Batch QC Report

Prep(s): 5030B Test(s): 8260B
Method Blank Water QC Batch # 2004/03/31-01.64
MB: 2004/03/31-01.64-009 Date Extracted: 03/31/2004 08:09

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/31/2004 08:09	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/31/2004 08:09	
Benzene	ND	0.5	ug/L	03/31/2004 08:09	
Toluene	ND	0.5	ug/L	03/31/2004 08:09	
Ethylbenzene	ND	0.5	ug/L	03/31/2004 08:09	
Total xylenes	ND	1.0	ug/L	03/31/2004 08:09	
Surrogate(s)					
1,2-Dichloroethane-d4	99.4	76-114	%	03/31/2004 08:09	
Toluene-d8	99.6	88-110	%	03/31/2004 08:09	

Fuel Oxygenates by 8260B

Lowney & Associates Oakland
Attn: Tom McCloskey

167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoë Ranch

Received: 03/29/2004 08:25

Batch QC Report

Prep(s): 5030B Test(s): 8260B
Laboratory Control Spike Water QC Batch # 2004/03/31-01.64
LCS 2004/03/31-01.64-024 Extracted: 03/31/2004 Analyzed: 03/31/2004 07:24
LCSD 2004/03/31-01.64-047 Extracted: 03/31/2004 Analyzed: 03/31/2004 07:47

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Cirt.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Methyl tert-butyl ether (MTBE)	28.6	27.4	25.0	114.4	109.6	4.3	65-165	20	
Benzene	29.9	27.7	25.0	119.6	110.8	7.6	69-129	20	
Toluene	28.4	26.7	25.0	113.6	106.8	6.2	70-130	20	
Surrogate(s)									
1,2-Dichloroethane-d4	458	479	500	91.6	95.8		76-114		
Toluene-d8	494	483	500	98.8	96.6		88-110		

Fuel Oxygenates by 8260B

Lowney & Associates Oakland
Attn: Tom McCloskey

167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoë Ranch

Received: 03/29/2004 08:25

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-8	03/26/2004	Water	1
EB-9	03/26/2004	Water	2

Fuel Oxygenates by 8260B

Lowney & Associates Oakland
Attn: Tom McCloskey

167 Filbert Street
Oakland, CA 94607
Phone: (510) 267-1970 Fax: (510) 267-1972
Project: 1989-1B
Fanoë Ranch

Received: 03/29/2004 08:25

Prep(s): 5030B Test(s): 8260B
Sample ID: EB-8 Lab ID: 2004-03-0870 - 1
Sampled: 03/26/2004 Extracted: 3/31/2004 10:10
Matrix: Water QC Batch#: 2004/03/31-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/31/2004 10:10	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	03/31/2004 10:10	
Benzene	ND	0.50	ug/L	1.00	03/31/2004 10:10	
Toluene	ND	0.50	ug/L	1.00	03/31/2004 10:10	
Ethylbenzene	ND	0.50	ug/L	1.00	03/31/2004 10:10	
Total xylenes	ND	1.0	ug/L	1.00	03/31/2004 10:10	
Surrogate(s)						
1,2-Dichloroethane-d4	94.1	76-114	%	1.00	03/31/2004 10:10	
Toluene-d8	91.2	88-110	%	1.00	03/31/2004 10:10	

Fuel Oxygenates by 8260B

Lowney & Associates Oakland
 Attn.: Tom McCloskey
 167 Filbert Street
 Oakland, CA 94607
 Phone: (510) 267-1970 Fax: (510) 267-1972
 Project: 1989-1B
 Fanoe Ranch

Received: 03/29/2004 08:25

Prep(s): 5030B Test(s): 8260B
 Sample ID: EB-9 Lab ID: 2004-03-0870 - 2
 Sampled: 03/26/2004 Extracted: 3/31/2004 10:32
 Matrix: Water QC Batch#: 2004/03/31-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/31/2004 10:32	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	03/31/2004 10:32	
Benzene	ND	0.50	ug/L	1.00	03/31/2004 10:32	
Toluene	ND	0.50	ug/L	1.00	03/31/2004 10:32	
Ethylbenzene	ND	0.50	ug/L	1.00	03/31/2004 10:32	
Total xylenes	ND	1.0	ug/L	1.00	03/31/2004 10:32	
Surrogate(s)						
1,2-Dichloroethane-d4	92.3	76-114	%	1.00	03/31/2004 10:32	
Toluene-d8	91.9	88-110	%	1.00	03/31/2004 10:32	

Fuel Oxygenates by 8260B

Lowney & Associates Oakland
 Attn.: Tom McCloskey
 167 Filbert Street
 Oakland, CA 94607
 Phone: (510) 267-1970 Fax: (510) 267-1972
 Project: 1989-1B
 Fanoe Ranch

Received: 03/29/2004 08:25

Batch QC Report

Prep(s): 5030B Test(s): 8260B
 Method Blank Water QC Batch # 2004/03/31-01.64
 MB: 2004/03/31-01.64-009 Date Extracted: 03/31/2004 08:09

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/31/2004 08:09	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/31/2004 08:09	
Benzene	ND	0.5	ug/L	03/31/2004 08:09	
Toluene	ND	0.5	ug/L	03/31/2004 08:09	
Ethylbenzene	ND	0.5	ug/L	03/31/2004 08:09	
Total xylenes	ND	1.0	ug/L	03/31/2004 08:09	
Surrogate(s)					
1,2-Dichloroethane-d4	99.4	76-114	%	03/31/2004 08:09	
Toluene-d8	99.6	88-110	%	03/31/2004 08:09	

Fuel Oxygenates by 8260B

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 167 Filbert Street
 Oakland, CA 94607
 Phone: (510) 267-1970 Fax: (510) 267-1972
 Project: 1989-1B
 Fanoe Ranch

Received: 03/29/2004 08:25

Batch QC Report

Prep(s): 5030B Test(s): 8260B

Laboratory Control Spike Water QC Batch # 2004/03/31-01.64

LCS 2004/03/31-01.64-024 Extracted: 03/31/2004 Analyzed: 03/31/2004 07:24
 LCSD 2004/03/31-01.64-047 Extracted: 03/31/2004 Analyzed: 03/31/2004 07:47

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Methyl tert-butyl ether (MTBE)	28.6	27.4	25.0	114.4	109.6	4.3	65-165	20	
Benzene	29.9	27.7	25.0	119.6	110.8	7.6	69-129	20	
Toluene	28.4	26.7	25.0	113.6	106.8	6.2	70-130	20	
Surrogate(s)									
1,2-Dichloroethane-d4	458	479	500	91.6	95.8		76-114		
Toluene-d8	494	483	500	98.8	96.6		88-110		

Lowney & Associates Mountain View

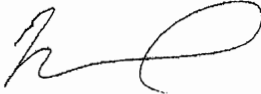
December 22, 2003

405 Clyde Avenue
Mountain View, CA 94043-2209
Attn.: Tom McCloskey
Project#: 1989-1
Project: Faneo Ranch

Attached is our report for your samples received on 12/12/2003 09:45
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
01/26/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.
You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

LOWNEY ASSOC.
JAN 6 2004
RECEIVED

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Page 1 of 1

Metals

Lowney & Associates Mountain View
Attn.: Tom McCloskey
405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Faneo Ranch

Received: 12/12/2003 09:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
DD-2	12/10/2003 14:12	Soil	1
P-1	12/10/2003 14:55	Soil	2
FD-1	12/10/2003 15:45	Soil	3
P-2	12/10/2003 16:10	Soil	4
P-5	12/10/2003 16:22	Soil	5
DD-1	12/10/2003 16:40	Soil	6
PFA-1	12/10/2003 16:55	Soil	7
DD-3	12/10/2003 17:12	Soil	8
P-4	12/11/2003 08:17	Soil	9
DP-1	12/11/2003 09:15	Soil	10
DP-2	12/11/2003 09:18	Soil	11
DP-3	12/11/2003 09:21	Soil	12
DP-4	12/11/2003 09:44	Soil	13
DP-5	12/11/2003 09:47	Soil	14
DP-6	12/11/2003 09:51	Soil	15
DP-7	12/11/2003 10:06	Soil	16
DP-8	12/11/2003 10:12	Soil	17
DP-9	12/11/2003 10:16	Soil	18
DP-10	12/11/2003 10:28	Soil	19
DP-11	12/11/2003 10:32	Soil	20
DP-12	12/11/2003 10:36	Soil	21
AG-6	12/11/2003 11:50	Soil	22
AG-7	12/11/2003 12:11	Soil	23
AG-14	12/11/2003	Soil	24
AG-8	12/11/2003 12:51	Soil	25
AG-3	12/11/2003 13:03	Soil	26
AG-4	12/11/2003 13:17	Soil	27
AG-6	12/11/2003 13:53	Soil	28
AG-15	12/11/2003 14:15	Soil	29
AG-16	12/11/2003 14:28	Soil	30
AG-17	12/11/2003 14:42	Soil	31
AG-20	12/11/2003 15:11	Soil	32
AG-11	12/11/2003 15:25	Soil	33

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-10	12/11/2003 15:46	Soil	34
AG-9	12/11/2003 16:02	Soil	35
AG-13	12/11/2003 16:16	Soil	36
AG-18	12/11/2003 16:36	Soil	37
AG-19	12/11/2003 16:52	Soil	38
AG-12	12/11/2003 17:05	Soil	39
AG-1	12/11/2003 17:17	Soil	40
AG-2	12/11/2003 17:36	Soil	41

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Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3050B 747 1A Test(s): 6010B 747 1A
Sample ID: DD-2 Lab ID: 2003-12-0480 - 1
Sampled: 12/10/2003 14:12 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 21:52	
Lead	2.0	1.0	mg/Kg	1.00	12/18/2003 21:52	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:10	

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Prep(s): 3050B 747 1A Test(s): 6010B 747 1A
Sample ID: P-1 Lab ID: 2003-12-0480 - 2
Sampled: 12/10/2003 14:55 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.4	1.0	mg/Kg	1.00	12/18/2003 22:04	
Lead	3.2	1.0	mg/Kg	1.00	12/18/2003 22:04	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:13	

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Prep(s): 3050B 747 1A Test(s): 6010B 747 1A
Sample ID: FD-1 Lab ID: 2003-12-0480 - 3
Sampled: 12/10/2003 15:45 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	4.8	1.0	mg/Kg	1.00	12/18/2003 22:25	
Lead	36	1.0	mg/Kg	1.00	12/18/2003 22:25	
Mercury	0.051	0.050	mg/Kg	1.00	12/16/2003 18:15	

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Prep(s): 3050B 747 1A Test(s): 6010B 747 1A
Sample ID: P-2 Lab ID: 2003-12-0480 - 4
Sampled: 12/10/2003 16:10 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.2	1.0	mg/Kg	1.00	12/18/2003 22:29	
Lead	2.8	1.0	mg/Kg	1.00	12/18/2003 22:29	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:16	

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Received: 12/12/2003 09:45

Prep(s): 3050B 7471A	Test(s): 6010B 7471A
Sample ID: P-5	Lab ID: 2003-12-0480 - 5
Sampled: 12/10/2003 16:22	Extracted: 12/15/2003 13:27 12/15/2003 10:45
Matrix: Soil	QC Batch#: 2003/12/15-02.16 2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.0	1.0	mg/Kg	1.00	12/18/2003 22:32	
Lead	8.2	1.0	mg/Kg	1.00	12/18/2003 22:32	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:17	

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Project: 1989-1
Fanoe Ranch

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Prep(s): 3050B 7471A	Test(s): 6010B 7471A
Sample ID: DD-1	Lab ID: 2003-12-0480 - 6
Sampled: 12/10/2003 16:40	Extracted: 12/15/2003 13:27 12/15/2003 10:45
Matrix: Soil	QC Batch#: 2003/12/15-02.16 2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:36	
Lead	2.7	1.0	mg/Kg	1.00	12/18/2003 22:36	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:21	

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Project: 1989-1
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Received: 12/12/2003 09:45

Prep(s): 3050B 7471A	Test(s): 6010B 7471A
Sample ID: PFA-1	Lab ID: 2003-12-0480 - 7
Sampled: 12/10/2003 16:55	Extracted: 12/15/2003 13:27 12/15/2003 10:45
Matrix: Soil	QC Batch# 2003/12/15-02.16 2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:39	
Lead	4.5	1.0	mg/Kg	1.00	12/18/2003 22:39	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:22	

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Prep(s): 3050B 7471A	Test(s): 6010B 7471A
Sample ID: DD-3	Lab ID: 2003-12-0480 - 8
Sampled: 12/10/2003 17:12	Extracted: 12/15/2003 13:27 12/15/2003 10:45
Matrix: Soil	QC Batch# 2003/12/15-02.16 2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:43	
Lead	1.8	1.0	mg/Kg	1.00	12/18/2003 22:43	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:23	

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Fanoe Ranch

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: P-4 Lab ID: 2003-12-0480 - 9
Sampled: 12/11/2003 08:17 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:47	
Lead	2.7	1.0	mg/Kg	1.00	12/18/2003 22:47	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:24	

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Received: 12/12/2003 09:45

Prep(s): 3060B 7471A Test(s): 6010B 7471A
Sample ID: DP-1 Lab ID: 2003-12-0480 - 10
Sampled: 12/11/2003 09:15 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/18/2003 22:50	
Lead	4.3	1.0	mg/Kg	1.00	12/18/2003 22:50	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:25	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-2 Lab ID: 2003-12-0480 - 11
Sampled: 12/11/2003 09:18 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.3	1.0	mg/Kg	1.00	12/18/2003 22:54	
Lead	5.3	1.0	mg/Kg	1.00	12/18/2003 22:54	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:27	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-3 Lab ID: 2003-12-0480 - 12
Sampled: 12/11/2003 09:21 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 22:57	
Lead	4.7	1.0	mg/Kg	1.00	12/18/2003 22:57	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:28	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-4 Lab ID: 2003-12-0480 - 13
Sampled: 12/11/2003 09:44 Extracted: 12/15/2003 13:27
12/16/2003 10:46
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/18/2003 23:24	
Lead	4.9	1.0	mg/Kg	1.00	12/18/2003 23:24	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:29	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-5 Lab ID: 2003-12-0480 - 14
Sampled: 12/11/2003 09:47 Extracted: 12/15/2003 13:27
12/16/2003 10:46
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:28	
Lead	4.1	1.0	mg/Kg	1.00	12/18/2003 23:28	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:30	

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Received: 12/12/2003 09:45

Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-6 Lab ID: 2003-12-0480 - 15
Sampled: 12/11/2003 09:51 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:31	
Lead	7.0	1.0	mg/Kg	1.00	12/18/2003 23:31	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:32	

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Received: 12/12/2003 09:45

Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: DP-7 Lab ID: 2003-12-0480 - 16
Sampled: 12/11/2003 10:08 Extracted: 12/15/2003 13:27
12/15/2003 10:45
Matrix: Soil QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:35	
Lead	3.9	1.0	mg/Kg	1.00	12/18/2003 23:35	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:35	

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Received: 12/12/2003 09:45

Prep(s): 3050B 7471A
Sample ID: DP-8
Sampled: 12/11/2003 10:12
Matrix: Soil

Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 17
Extracted: 12/15/2003 13:27
12/15/2003 10:45
QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:39	
Lead	3.9	1.0	mg/Kg	1.00	12/18/2003 23:39	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:37	

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Received: 12/12/2003 09:45

Prep(s): 3050B 7471A
Sample ID: DP-9
Sampled: 12/11/2003 10:16
Matrix: Soil

Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 18
Extracted: 12/15/2003 13:27
12/15/2003 10:45
QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:42	
Lead	3.8	1.0	mg/Kg	1.00	12/18/2003 23:42	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:38	

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Prep(s): 3050B 7471A
Sample ID: DP-10
Sampled: 12/11/2003 10:28
Matrix: Soil

Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 19
Extracted: 12/15/2003 13:27
12/15/2003 10:45
QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.5	1.0	mg/Kg	1.00	12/18/2003 23:46	
Lead	4.7	1.0	mg/Kg	1.00	12/18/2003 23:46	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:39	

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Received: 12/12/2003 09:45

Prep(s): 3050B 7471A
Sample ID: DP-11
Sampled: 12/11/2003 10:32
Matrix: Soil

Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 20
Extracted: 12/15/2003 13:27
12/15/2003 10:45
QC Batch#: 2003/12/15-02.16
2003/12/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 23:49	
Lead	3.7	1.0	mg/Kg	1.00	12/18/2003 23:49	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:40	

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Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3050B 7471A
Sample ID: DP-12
Sampled: 12/11/2003 10:36
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 21
Extracted: 12/15/2003 12:40 12/15/2003 11:30
QC Batch#: 2003/12/15-03.16 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 17:56	
Lead	4.1	1.0	mg/Kg	1.00	12/18/2003 17:56	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:45	

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Prep(s): 3050B 7471A
Sample ID: AG-6
Sampled: 12/11/2003 11:50
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 22
Extracted: 12/15/2003 12:40 12/15/2003 11:30
QC Batch#: 2003/12/15-03.16 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:08	
Lead	3.9	1.0	mg/Kg	1.00	12/18/2003 18:08	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:51	

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Prep(s): 3050B 7471A
Sample ID: AG-7
Sampled: 12/11/2003 12:11
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 23
Extracted: 12/15/2003 12:40 12/15/2003 11:30
QC Batch#: 2003/12/15-03.16 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:11	
Lead	4.0	1.0	mg/Kg	1.00	12/18/2003 18:11	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:52	

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Prep(s): 3050B 7471A
Sample ID: AG-14
Sampled: 12/11/2003
Matrix: Soil
Test(s): 6010B 7471A
Lab ID: 2003-12-0480 - 24
Extracted: 12/15/2003 12:40 12/15/2003 11:30
QC Batch#: 2003/12/15-03.16 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:15	
Lead	3.4	1.0	mg/Kg	1.00	12/18/2003 18:15	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:54	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-8 Lab ID: 2003-12-0480 - 25
Sampled: 12/11/2003 12:51 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:19	
Lead	3.1	1.0	mg/Kg	1.00	12/18/2003 18:19	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:55	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-3 Lab ID: 2003-12-0480 - 26
Sampled: 12/11/2003 13:03 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.3	1.0	mg/Kg	1.00	12/18/2003 18:23	
Lead	5.3	1.0	mg/Kg	1.00	12/18/2003 18:23	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:56	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-4 Lab ID: 2003-12-0480 - 27
Sampled: 12/11/2003 13:17 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:27	
Lead	4.1	1.0	mg/Kg	1.00	12/18/2003 18:27	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:57	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-6 Lab ID: 2003-12-0480 - 28
Sampled: 12/11/2003 13:53 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:49	
Lead	3.3	1.0	mg/Kg	1.00	12/18/2003 18:49	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:59	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-15 Lab ID: 2003-12-0480 - 29
Sampled: 12/11/2003 14:15 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:53	
Lead	3.2	1.0	mg/Kg	1.00	12/18/2003 18:53	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:00	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-16 Lab ID: 2003-12-0480 - 30
Sampled: 12/11/2003 14:28 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 18:57	
Lead	4.6	1.0	mg/Kg	1.00	12/18/2003 18:57	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:01	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-17 Lab ID: 2003-12-0480 - 31
Sampled: 12/11/2003 14:42 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/18/2003 19:01	
Lead	5.7	1.0	mg/Kg	1.00	12/18/2003 19:01	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:05	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-20 Lab ID: 2003-12-0480 - 32
Sampled: 12/11/2003 15.11 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:07	
Lead	3.4	1.0	mg/Kg	1.00	12/18/2003 19:07	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:06	

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Prep(s): 3050B 7471A	Test(s): 6010B 7471A
Sample ID: AG-11	Lab ID: 2003-12-0480 - 33
Sampled: 12/11/2003 15:25	Extracted: 12/15/2003 12:40 12/15/2003 11:30
Matrix: Soil	QC Batch#: 2003/12/15-03.16 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.6	1.0	mg/Kg	1.00	12/18/2003 19:11	
Lead	5.5	1.0	mg/Kg	1.00	12/18/2003 19:11	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:07	

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Prep(s): 3050B 7471A	Test(s): 6010B 7471A
Sample ID: AG-10	Lab ID: 2003-12-0480 - 34
Sampled: 12/11/2003 15:46	Extracted: 12/15/2003 12:40 12/15/2003 11:30
Matrix: Soil	QC Batch#: 2003/12/15-03.16 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:14	
Lead	4.4	1.0	mg/Kg	1.00	12/18/2003 19:14	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:08	

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Prep(s): 3050B 7471A	Test(s): 6010B 7471A
Sample ID: AG-9	Lab ID: 2003-12-0480 - 35
Sampled: 12/11/2003 16:02	Extracted: 12/15/2003 12:40 12/15/2003 11:30
Matrix: Soil	QC Batch#: 2003/12/15-03.16 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:18	
Lead	4.2	1.0	mg/Kg	1.00	12/18/2003 19:18	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:09	

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Prep(s): 3050B 7471A	Test(s): 6010B 7471A
Sample ID: AG-13	Lab ID: 2003-12-0480 - 36
Sampled: 12/11/2003 16:16	Extracted: 12/15/2003 12:40 12/15/2003 11:30
Matrix: Soil	QC Batch#: 2003/12/15-03.16 2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:22	
Lead	4.1	1.0	mg/Kg	1.00	12/18/2003 19:22	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:11	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-18 Lab ID: 2003-12-0480 - 37
Sampled: 12/11/2003 16:36 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 19:25	
Lead	3.5	1.0	mg/Kg	1.00	12/18/2003 19:25	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:12	

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Received: 12/12/2003 09:45

Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-19 Lab ID: 2003-12-0480 - 38
Sampled: 12/11/2003 16:52 Extracted: 12/15/2003 12:40
12/16/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 21:20	
Lead	3.7	1.0	mg/Kg	1.00	12/18/2003 21:20	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:13	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-12 Lab ID: 2003-12-0480 - 39
Sampled: 12/11/2003 17:05 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	1.00	12/18/2003 21:24	
Lead	4.1	1.0	mg/Kg	1.00	12/18/2003 21:24	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:14	

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Prep(s): 3050B 7471A Test(s): 6010B 7471A
Sample ID: AG-1 Lab ID: 2003-12-0480 - 40
Sampled: 12/11/2003 17:17 Extracted: 12/15/2003 12:40
12/15/2003 11:30
Matrix: Soil QC Batch#: 2003/12/15-03.16
2003/12/15-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/18/2003 21:28	
Lead	3.9	1.0	mg/Kg	1.00	12/18/2003 21:28	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 19:15	

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Prep(s): 3050B
7471A
Sample ID: AG-2
Sampled: 12/11/2003 17:36
Matrix: Soil
Test(s): 6010B
7471A
Lab ID: 2003-12-0480 - #1
Extracted: 12/16/2003 17:13
12/15/2003 14:46
QC Batch#: 2003/12/15-05.16
2003/12/16-06.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	1.1	1.0	mg/Kg	1.00	12/17/2003 09:22	
Lead	4.1	1.0	mg/Kg	1.00	12/17/2003 09:22	
Mercury	ND	0.050	mg/Kg	1.00	12/16/2003 18:23	

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Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2003/12/15-02.16-014
Soil
QC Batch # 2003/12/15-02.16
Date Extracted: 12/15/2003 13:27

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	12/16/2003 18:06	

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Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2003/12/15-03.16-043
Soil
QC Batch # 2003/12/15-03.16
Date Extracted: 12/15/2003 12:40

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	12/16/2003 18:42	

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Batch QC Report

Prep(s): 3050B
Method Blank
MB: 2003/12/15-04.15-019
Soil
QC Batch # 2003/12/15-04.15
Date Extracted: 12/15/2003 11:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	12/18/2003 17:31	
Lead	ND	1.0	mg/Kg	12/18/2003 17:31	

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
 Method Blank Soil QC Batch # 2003/12/15-05.16
 MB: 2003/12/15-05.15-050 Date Extracted: 12/15/2003 10:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	12/18/2003 21:40	
Lead	ND	1.0	mg/Kg	12/18/2003 21:40	

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Batch QC Report

Prep(s): 7471A Test(s): 747 1A
 Method Blank Soil QC Batch # 2003/12/15-05.16
 MB: 2003/12/15-05.16-074 Date Extracted: 12/15/2003 17:13

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	12/16/2003 19:19	

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
 Method Blank Soil QC Batch # 2003/12/15-06.15
 MB: 2003/12/15-06.15-011 Date Extracted: 12/15/2003 14:46

Compound	Conc.	RL	Unit	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	12/17/2003 08:19	
Lead	ND	1.0	mg/Kg	12/17/2003 08:19	

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Batch QC Report

Prep(s): 7471A Test(s): 747 1A
 Laboratory Control Spike Soil QC Batch # 2003/12/15-02.16

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl Limits %		Flags
	LCS	LCSD		LCS	LCSD		%	Rec	
Mercury	0.547	0.546	0.500	109.4	109.2	0.2	85-115	20	

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Batch QC Report

Prep(s): 7471A Test(s): 7471A
Laboratory Control Spike Soil QC Batch # 2003/12/15-03.16
LCS 2003/12/15-03.16-044 Extracted: 12/15/2003 Analyzed: 12/16/2003 18:43
LCSD 2003/12/15-03.16-045 Extracted: 12/15/2003 Analyzed: 12/16/2003 18:44

Compound	Conc.		mg/Kg	Exp.Conc.	Recovery %		RPD	Ctri.Limits %		Flags
	LCS	LCSD			LCS	LCSD		%	Rec.	
Mercury	0.517	0.524	0.500	103.4	104.8	1.3	85-115	20		

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
Laboratory Control Spike Soil QC Batch # 2003/12/15-04.16
LCS 2003/12/15-04.15-020 Extracted: 12/15/2003 Analyzed: 12/18/2003 17:35
LCSD 2003/12/15-04.15-023 Extracted: 12/15/2003 Analyzed: 12/18/2003 17:52

Compound	Conc.		mg/Kg	Exp.Conc.	Recovery %		RPD	Ctri.Limits %		Flags
	LCS	LCSD			LCS	LCSD		%	Rec.	
Arsenic	101	104	100.0	101.0	104.0	2.9	80-120	20		
Lead	96.9	98.7	100.0	96.9	98.7	1.8	80-120	20		

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3050B Test(s): 6010B
Laboratory Control Spike Soil QC Batch # 2003/12/15-05.15
LCS 2003/12/15-05.15-051 Extracted: 12/15/2003 Analyzed: 12/18/2003 21:45
LCSD 2003/12/15-05.15-052 Extracted: 12/15/2003 Analyzed: 12/18/2003 21:48

Compound	Conc.		mg/Kg	Exp.Conc.	Recovery %		RPD	Ctri.Limits %		Flags
	LCS	LCSD			LCS	LCSD		%	Rec.	
Arsenic	97.1	98.8	100.0	97.1	98.8	0.3	80-120	20		
Lead	100.0	98.4	100.0	100.0	98.4	1.6	80-120	20		

Metals

Lowmeyer & Associates Mountain View
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Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 7471A Test(s): 7471A
Laboratory Control Spike Soil QC Batch # 2003/12/15-05.16
LCS 2003/12/15-05.16-075 Extracted: 12/15/2003 Analyzed: 12/16/2003 19:20
LCSD 2003/12/15-05.16-076 Extracted: 12/15/2003 Analyzed: 12/16/2003 19:22

Compound	Conc.		mg/Kg	Exp.Conc.	Recovery %		RPD	Ctri.Limits %		Flags
	LCS	LCSD			LCS	LCSD		%	Rec.	
Mercury	0.490	0.472	0.500	98.0	94.4	3.7	85-115	20		

Metals

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Batch QC Report

Prep(s): 3050B Test(s): 6010B

Laboratory Control Spike Soil QC Batch # 2003/12/15-06.15

LCS 2003/12/15-06.15-012 Extracted: 12/15/2003 Analyzed: 12/17/2003 08:23

LCSD 2003/12/15-06.15-013 Extracted: 12/15/2003 Analyzed: 12/17/2003 08:26

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Crtf. Limits %		Flags
	LCS	LCSD		LCS	LCSD		%	Rec.	
Arsenic	107	110	100.0	107.0	110.0	2.8	80-120	20	
Lead	98.8	102	100.0	98.8	102.0	3.2	80-120	20	

Metals

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Fanoe Ranch

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Batch QC Report

Prep(s): 7471A Test(s): 7471A

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/15-02.16

DD-2 >> MS Lab ID: 2003-12-0480 - 001

MS: 2003/12/15-02.16-016 Extracted: 12/15/2003 Analyzed: 12/16/2003 16:11

MSD: 2003/12/15-02.16-019 Extracted: 12/16/2003 Analyzed: 12/16/2003 18:12

Dilution: 1.00 Dilution: 1.00

Compound	Conc.		Spk. Level	Recovery %		Limits %		Flags		
	MS	MSD		MS	MSD	Rec.	RPD	MS	MSD	
Mercury	0.557	0.546	ND	0.600	111.4	113.0	1.4	85-115	20	

Metals

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Fanoe Ranch

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Batch QC Report

Prep(s): 7471A Test(s): 7471A

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/15-03.16

DP-12 >> MS Lab ID: 2003-12-0480 - 021

MS: 2003/12/15-03.16-047 Extracted: 12/15/2003 Analyzed: 12/16/2003 18:46

MSD: 2003/12/15-03.16-050 Extracted: 12/15/2003 Analyzed: 12/16/2003 16:50

Dilution: 1.00 Dilution: 1.00

Compound	Conc. mg/Kg		Spk. Level	Recovery %		Limits %		Flags		
	MS	MSD		MS	MSD	Rec.	RPD	MS	MSD	
Mercury	0.597	0.591	ND	0.495	120.6	120.6	0.0	85-115	20	

Metals

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Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3050B Test(s): 6010B

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/15-04.15

DP-12 >> MS Lab ID: 2003-12-0480 - 021

MS: 2003/12/15-04.15-025 Extracted: 12/15/2003 Analyzed: 12/18/2003 18:00

MSD: 2003/12/15-04.15-026 Extracted: 12/15/2003 Analyzed: 12/18/2003 18:04

Dilution: 1.00 Dilution: 1.00

Compound	Conc.		Spk. Level	Recovery %		Limits %		Flags		
	MS	MSD		MS	MSD	Rec.	RPD	MS	MSD	
Arsenic	87.6	87.5	ND	97.1	90.2	88.4	2.0	75-125	20	
Lead	86.3	86.9	4.14	97.1	84.6	83.6	1.2	75-125	20	

Lowney & Associates Mountain View
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 406 Clyde Avenue
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 Project: 1989-1
 Fance Ranch

Received: 12/12/2003 09:45

Metals

Batch: QC Report

Prep(s): 3050B Test(s): 6010B

Matrix Spike (MS / MSD) Soil **QC Batch # 2003/12/15-05.15**

DD-2 >> MS Lab ID: 2003-12-0480 - 001

MS: 2003/12/15-05-15-05-4 Analyzed: 12/18/2003 21:56

MSD: 2003/12/15-05-15-05-5 Extracted: 12/15/2003 Dilution: 1.00

Extracted: 12/15/2003 Dilution: 1.00

Compound	Conc.		mg/Kg	Spk Level	Recovery %		Limits %		Flags	
	MS	MSD			MS	MSD	RPD	RPD	MS	MSD
Arsenic	92.9	94.3	ND	100.0	92.9	94.3	1.5	75-125	20	
Lead	96.9	97.3	1.95	100.0	95.0	95.3	0.3	75-125	20	

Severn Trent Laboratories, Inc.
 STL San Francisco • 1220 Quarry Lane, Pleasanton, CA 94566
 Tel 925 484 1919 Fax 925 484 1096 • www.stl-inc.com • CA DHS ELAP# 2496

12/19/2003 10:22

LOWNEY ASSOCIATES
 Environmental/Geotechnical/Engineering Services
 406 Clyde Ave.
 Mountain View, CA 94043
 Tel: (650) 967-2365
 Fax: (650) 967-2786

2003-12-0480

CHAIN OF CUSTODY RECORD

Project Name: Fance Ranch

Job No.: 1989-1

Report to: Mr. Tom McCloskey

Sample (orig): Kevin L. McIverna

Sampler (signature): [Signature]

Electronic Deliverable Format Required: YES YES NO NO
 EPI LOGCODE: O LANW O LIAO O LAF

Global ID #: [Blank]

Sample ID: [Blank]

Sample ID (Field Point Name)	Date	Time	Lab ID	Sample Matrix	No. of Cont.	Remarks
P-2	12/12/03	14:12		Soil	1	
P-1	12/15/03	15:45		Soil	4	
P-1*	12/15/03	16:10		Soil	1	
P-2	12/15/03	16:52		Soil	1	
P-2*	12/15/03	16:40		Soil	1	
P-3	12/15/03	14:12		Soil	1	
P-4	12/15/03	09:15		Soil	1	
DP-1	12/15/03	09:15		Soil	1	
DP-2	12/15/03	09:15		Soil	1	
DP-3	12/15/03	09:21		Soil	1	

Retransmitted By: [Signature] Date: 12/15/03 Time: 07:45

Retransmitted By: [Signature] Date: 12/15/03 Time: 07:45

Retransmitted By: [Signature] Date: 12/15/03 Time: 07:45

Lab of Record: [Blank]

Analyses Requested:
 TPH as gas/BTEX/MTBE Method: 8015/8021 8260
 TPH as diesel (8015M) Method: 8021 8260
 TRPH (418.1) with silica gel column
 Halogenated VOCs (former 8010 list) Method: 8021 8260 BTEX
 Organochlorine Pesticides (8081)
 Metals: ClAs, Pb, Hg, D17 CAM
 Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260
 PAHs (8310)
 PCBs (8082)
 Pb, Hg, As (EPA 6010/7000)

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 Fax: (650) 967-2786

2003-12-0480

CHAIN OF CUSTODY RECORD

Project Name: Fance Ranch

Job No.: 1989-1

Report to: Mr. Tom McCloskey

Sample (orig): Kevin L. McIverna

Sampler (signature): [Signature]

Electronic Deliverable Format Required: YES YES NO NO
 EPI LOGCODE: O LANW O LIAO O LAF

Global ID #: [Blank]

Sample ID: [Blank]

Sample ID (Field Point Name)	Date	Time	Lab ID	Sample Matrix	No. of Cont.	Remarks
DP-4	12/14/03	09:44		Soil	1	
DP-5	12/14/03	09:47		Soil	1	
DP-6	12/15/03	09:51		Soil	1	
DP-7	12/15/03	10:08		Soil	1	
DP-8	12/15/03	10:12		Soil	1	
DP-9	12/15/03	10:14		Soil	1	
DP-10	12/15/03	10:28		Soil	1	
DP-11	12/15/03	10:36		Soil	1	
DP-12	12/15/03	10:56		Soil	1	
Ag-1	12/11/03	14:52		Soil	1	
Ag-2	12/11/03	14:52		Soil	1	
Ag-14	12/11/03	14:52		Soil	1	

Retransmitted By: [Signature] Date: 12/15/03 Time: 07:45

Retransmitted By: [Signature] Date: 12/15/03 Time: 07:45

Retransmitted By: [Signature] Date: 12/15/03 Time: 07:45

Lab of Record: [Blank]

Analyses Requested:
 TPH as gas/BTEX/MTBE Method: 8015/8021 8260
 TPH as diesel (8015M) Method: 8021 8260
 TRPH (418.1) with silica gel column
 Halogenated VOCs (former 8010 list) Method: 8021 8260 BTEX
 Organochlorine Pesticides (8081)
 Metals: ClAs, Pb, Hg, D17 CAM
 Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260
 PAHs (8310)
 PCBs (8082)
 Pb, Hg, As (EPA 6010/7000)

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2003-12-0480

CHAIN OF CUSTODY RECORD

Project Name: Fance Ranch

Job No.: 1989-1

Report to: Mr. Tom McCloskey

Sample (orig): Kevin L. McIverna

Sampler (signature): [Signature]

Electronic Deliverable Format Required: YES YES NO NO
 EPI LOGCODE: O LANW O LIAO O LAF

Global ID #: [Blank]

Sample ID: [Blank]

Sample ID (Field Point Name)	Date	Time	Lab ID	Sample Matrix	No. of Cont.	Remarks
Ag-8	12/14/03	16:51		Soil	1	
Ag-9	12/14/03	13:17		Soil	1	
Ag-10	12/14/03	13:53		Soil	1	
Ag-11	12/14/03	14:15		Soil	1	
Ag-12	12/14/03	14:42		Soil	1	
Ag-13	12/14/03	15:11		Soil	1	
Ag-14	12/14/03	15:25		Soil	1	
Ag-15	12/14/03	15:46		Soil	1	
Ag-16	12/14/03	16:02		Soil	1	
Ag-17	12/14/03	16:16		Soil	1	

Retransmitted By: [Signature] Date: 12/15/03 Time: 07:45

Retransmitted By: [Signature] Date: 12/15/03 Time: 07:45

Retransmitted By: [Signature] Date: 12/15/03 Time: 07:45

Lab of Record: [Blank]

Analyses Requested:
 TPH as gas/BTEX/MTBE Method: 8015/8021 8260
 TPH as diesel (8015M) Method: 8021 8260
 TRPH (418.1) with silica gel column
 Halogenated VOCs (former 8010 list) Method: 8021 8260 BTEX
 Organochlorine Pesticides (8081)
 Metals: ClAs, Pb, Hg, D17 CAM
 Fuel Oxygenates (MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, and EDB) by 8260
 PAHs (8310)
 PCBs (8082)
 Pb, Hg, As (EPA 6010/7000)



Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Mountain View, CA 94043-2209
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Samples Reported

Table with 4 columns: Sample Name, Date Sampled, Matrix, Lab #. Lists samples DD-2 through AG-11 with corresponding dates and soil matrix.

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Form with multiple sections: Client Information, Sampling Details, Laboratory Information, and Test Results. Includes handwritten notes and signatures.



Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Samples Reported

Table with 4 columns: Sample Name, Date Sampled, Matrix, Lab #. Lists samples AG-2 through AG-10 with corresponding dates and soil matrix.



Organochlorine Pesticides Analysis

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Fanoe Ranch

Received: 12/12/2003 09:45

Table with 2 columns: Prep(s) and Test(s). Prep(s): 3550/8081, Lab ID: 2003-12-0480 - 1, Sampled: 12/10/2003 14:12, Matrix: Soil, Test(s): 8081, Extracted: 12/15/2003 12:49, QC Batch#: 2003/12/15-01.13

Table with 6 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides and their concentrations.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: P-1 Lab ID: 2003-12-0480 - 2
Sampled: 12/10/2003 14:55 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: FD-1 Lab ID: 2003-12-0480 - 3
Sampled: 12/10/2003 15:45 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Analysis Flag: sdo (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: P-2 Lab ID: 2003-12-0480 - 4
Sampled: 12/10/2003 16:10 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: P-5 Lab ID: 2003-12-0480 - 5
Sampled: 12/10/2003 16:22 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DD-1 Lab ID: 2003-12-0480 - 6
Sampled: 12/10/2003 16:40 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Dieldrin	2.3	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDT	5.7	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDE	7.6	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 10:45	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 10:45	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.3	50-125	%	1.00	12/18/2003 10:45	
Decachlorobiphenyl (Pest/8081)	87.4	46-142	%	1.00	12/18/2003 10:45	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DD-3 Lab ID: 2003-12-0480 - 8
Sampled: 12/10/2003 17:12 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDT	5.4	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDE	6.9	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 11:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 11:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	77.3	50-125	%	1.00	12/18/2003 11:47	
Decachlorobiphenyl (Pest/8081)	66.9	46-142	%	1.00	12/18/2003 11:47	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

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Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: PFA-1 Lab ID: 2003-12-0480 - 7
Sampled: 12/10/2003 16:55 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDT	26	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDE	31	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 11:16	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 11:16	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 11:16	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 11:16	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 11:16	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	105.1	50-125	%	5.00	12/18/2003 11:16	
Decachlorobiphenyl (Pest/8081)	90.9	46-142	%	5.00	12/18/2003 11:16	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DD-3 Lab ID: 2003-12-0480 - 8
Sampled: 12/10/2003 17:12 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 02:44	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 02:44	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.2	50-125	%	1.00	12/17/2003 02:44	
Decachlorobiphenyl (Pest/8081)	78.5	46-142	%	1.00	12/17/2003 02:44	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-1 Lab ID: 2003-12-0480 - 10
Sampled: 12/11/2003 09:15 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists pesticides such as Aldrin, Dieldrin, Endrin, Heptachlor, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-2 Lab ID: 2003-12-0480 - 11
Sampled: 12/11/2003 09:15 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Analysis Flag: Irr (See Legend and Note Section)

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists pesticides such as Aldrin, Dieldrin, Endrin, Heptachlor, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-3 Lab ID: 2003-12-0480 - 12
Sampled: 12/11/2003 09:21 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists pesticides such as Aldrin, Dieldrin, Endrin, Heptachlor, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-4 Lab ID: 2003-12-0480 - 13
Sampled: 12/11/2003 09:44 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Analysis Flag: Irr (See Legend and Note Section)

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists pesticides such as Aldrin, Dieldrin, Endrin, Heptachlor, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: DP-5 Lab ID: 2003-12-0480 - 14
 Sampled: 12/11/2003 09:47 Extracted: 12/15/2003 12:49
 Matrix: Soil QC Batch#: 2003/12/15-01.13
 Analysis Flag: Im (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Dieldrin	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endrin	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endrin ketone	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Heptachlor	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-DDT	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-DDE	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-DDD	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endosulfan I	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endosulfan II	ND	10	ug/Kg	5.00	12/16/2003 22:33	
alpha-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:33	
beta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:33	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/16/2003 22:33	
delta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Toxaphene	ND	500	ug/Kg	5.00	12/16/2003 22:33	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/16/2003 22:33	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:33	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	102.7	50-125	%	5.00	12/16/2003 22:33	
Decachlorobiphenyl (Pest/8081)	108.2	46-142	%	5.00	12/16/2003 22:33	

Organochlorine Pesticides Analysis

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Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: DP-6 Lab ID: 2003-12-0480 - 15
 Sampled: 12/11/2003 09:51 Extracted: 12/15/2003 12:49
 Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-DDE	13	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 12:18	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 12:18	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 12:18	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 12:18	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 12:18	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 12:18	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 12:18	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	101.8	50-125	%	5.00	12/18/2003 12:18	
Decachlorobiphenyl (Pest/8081)	96.3	46-142	%	5.00	12/18/2003 12:18	

Organochlorine Pesticides Analysis

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Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: DP-7 Lab ID: 2003-12-0480 - 16
 Sampled: 12/11/2003 10:08 Extracted: 12/15/2003 12:49
 Matrix: Soil QC Batch#: 2003/12/15-01.13
 Analysis Flag: Im (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Dieldrin	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endrin	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endrin ketone	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Heptachlor	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/16/2003 23:34	
4,4'-DDT	ND	10	ug/Kg	5.00	12/16/2003 23:34	
4,4'-DDE	ND	10	ug/Kg	5.00	12/16/2003 23:34	
4,4'-DDD	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endosulfan I	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endosulfan II	ND	10	ug/Kg	5.00	12/16/2003 23:34	
alpha-BHC	ND	10	ug/Kg	5.00	12/16/2003 23:34	
beta-BHC	ND	10	ug/Kg	5.00	12/16/2003 23:34	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/16/2003 23:34	
delta-BHC	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/16/2003 23:34	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Toxaphene	ND	500	ug/Kg	5.00	12/16/2003 23:34	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/16/2003 23:34	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 23:34	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	124.1	50-125	%	5.00	12/16/2003 23:34	
Decachlorobiphenyl (Pest/8081)	101.5	46-142	%	5.00	12/16/2003 23:34	

Organochlorine Pesticides Analysis

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Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: DP-8 Lab ID: 2003-12-0480 - 17
 Sampled: 12/11/2003 10:12 Extracted: 12/15/2003 12:49
 Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
4,4'-DDE	2.3	2.0	ug/Kg	1.00	12/18/2003 12:50	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 12:50	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 12:50	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	81.3	50-125	%	1.00	12/18/2003 12:50	
Decachlorobiphenyl (Pest/8081)	75.7	46-142	%	1.00	12/18/2003 12:50	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-9 Lab ID: 2003-12-0480 - 18
Sampled: 12/11/2003 10:16 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
4,4'-DDE	2.0	2.0	ug/Kg	1.00	12/18/2003 13:21	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endosulfan sulfate	3.1	2.0	ug/Kg	1.00	12/18/2003 13:21	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 13:21	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 13:21	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	87.9	50-125	%	1.00	12/18/2003 13:21	
Decachlorobiphenyl (Pest/8081)	77.1	46-142	%	1.00	12/18/2003 13:21	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-10 Lab ID: 2003-12-0480 - 19
Sampled: 12/11/2003 10:28 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Analysis Flag: Irr (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-DDE	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 01:07	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 01:07	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 01:07	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 01:07	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Toxaphene	ND	500	ug/Kg	5.00	12/17/2003 01:07	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 01:07	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 01:07	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	101.1	50-125	%	5.00	12/17/2003 01:07	
Decachlorobiphenyl (Pest/8081)	113.1	46-142	%	5.00	12/17/2003 01:07	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-11 Lab ID: 2003-12-0480 - 20
Sampled: 12/11/2003 10:32 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDE	15	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 15:39	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 15:39	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 15:39	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 15:39	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:39	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	103.1	50-125	%	5.00	12/18/2003 15:39	
Decachlorobiphenyl (Pest/8081)	92.6	46-142	%	5.00	12/18/2003 15:39	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-12 Lab ID: 2003-12-0480 - 21
Sampled: 12/11/2003 10:36 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDE	23	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 16:10	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 16:10	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 16:10	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 16:10	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 16:10	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	102.4	50-125	%	5.00	12/18/2003 16:10	
Decachlorobiphenyl (Pest/8081)	89.4	46-142	%	5.00	12/18/2003 16:10	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-6 Lab ID: 2003-12-0480 - 22
Sampled: 12/11/2003 11:50 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13
Analysis Flag: Irm (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-7 Lab ID: 2003-12-0480 - 23
Sampled: 12/11/2003 12:11 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-14 Lab ID: 2003-12-0480 - 24
Sampled: 12/11/2003 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-8 Lab ID: 2003-12-0480 - 25
Sampled: 12/11/2003 12:51 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-3
Sampled: 12/11/2003 13:03
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 26
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03-13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
4,4'-DDE	2.5	2.0	ug/Kg	1.00	12/17/2003 13:16	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 13:16	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 13:16	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	124.7	50-125	%	1.00	12/17/2003 13:16	
Decachlorobiphenyl (Pest/8081)	90.6	46-142	%	1.00	12/17/2003 13:16	

Organochlorine Pesticides Analysis

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Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-4
Sampled: 12/11/2003 13:17
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 27
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03-13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-DDT	3.0	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-DDE	7.2	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endosulfan sulfate	2.6	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 13:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 13:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	63.6	50-125	%	1.00	12/17/2003 13:47	
Decachlorobiphenyl (Pest/8081)	85.4	46-142	%	1.00	12/17/2003 13:47	

Organochlorine Pesticides Analysis

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Fanoec Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-6
Sampled: 12/11/2003 13:53
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 28
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03-13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-DDE	15	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 14:18	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:18	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:18	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 14:18	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Toxaphene	ND	500	ug/Kg	5.00	12/17/2003 14:18	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 14:18	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:18	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	149.0	50-125	%	5.00	12/17/2003 14:18	s
Decachlorobiphenyl (Pest/8081)	101.2	46-142	%	5.00	12/17/2003 14:18	

Organochlorine Pesticides Analysis

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Fanoec Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-15
Sampled: 12/11/2003 14:15
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 29
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03-13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-DDT	4.4	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-DDE	12	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endosulfan sulfate	2.0	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 16:41	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 16:41	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	79.1	50-125	%	1.00	12/18/2003 16:41	
Decachlorobiphenyl (Pest/8081)	66.1	46-142	%	1.00	12/18/2003 16:41	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8061 Test(s): 8061
Sample ID: AG-16 Lab ID: 2003-12-0480 - 30
Sampled: 12/11/2003 14:28 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03_13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
4,4'-DDE	3.6	2.0	ug/Kg	1.00	12/17/2003 16:20	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Endosulfan sulfate	3.6	2.0	ug/Kg	1.00	12/17/2003 16:20	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 16:20	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 16:20	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 16:20	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	108.0	50-125	%	1.00	12/17/2003 16:20	
Decachlorobiphenyl (Pest/8061)	86.0	46-142	%	1.00	12/17/2003 16:20	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8061
Sample ID: AG-17 Lab ID: 2003-12-0480 - 31
Sampled: 12/11/2003 14:42 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03_13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-DDT	2.3	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-DDE	9.2	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endosulfan sulfate	2.4	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 17:13	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 17:13	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.5	50-125	%	1.00	12/18/2003 17:13	
Decachlorobiphenyl (Pest/8081)	65.1	46-142	%	1.00	12/18/2003 17:13	

Organochlorine Pesticides Analysis

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Prep(s): 3550/8081 Test(s): 8061
Sample ID: AG-20 Lab ID: 2003-12-0480 - 32
Sampled: 12/11/2003 15:11 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03_13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-DDT	19	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-DDE	78	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 16:22	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 16:22	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 16:22	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 16:22	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Toxaphene	ND	500	ug/Kg	5.00	12/17/2003 16:22	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 16:22	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 16:22	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	141.8	50-125	%	5.00	12/17/2003 16:22	s
Decachlorobiphenyl (Pest/8081)	97.8	46-142	%	5.00	12/17/2003 16:22	

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Prep(s): 3550/8081 Test(s): 8061
Sample ID: AG-11 Lab ID: 2003-12-0480 - 33
Sampled: 12/11/2003 15:25 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03_13
Analysis Flag: sdc (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Dieldrin	61	20	ug/Kg	10.00	12/18/2003 14:37	
Endrin aldehyde	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endrin	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endrin ketone	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Heptachlor	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Heptachlor epoxide	ND	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-DDT	270	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-DDE	500	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-DDD	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endosulfan I	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endosulfan II	ND	20	ug/Kg	10.00	12/18/2003 14:37	
alpha-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:37	
beta-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:37	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	12/18/2003 14:37	
delta-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endosulfan sulfate	26	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Toxaphene	2200	1000	ug/Kg	10.00	12/18/2003 14:37	
Chlordane (Technical)	ND	500	ug/Kg	10.00	12/18/2003 14:37	
alpha-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:37	
gamma-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	12/18/2003 14:37	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	12/18/2003 14:37	

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-10 Lab ID: 2003-12-0480 - 34
Sampled: 12/11/2003 15:46 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-DDT	11	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-DDE	20	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 14:06	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 14:06	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 14:06	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 14:06	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 14:06	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 14:06	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 14:06	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	106.2	50-125	%	5.00	12/18/2003 14:06	
Decachlorobiphenyl (Pest/8081)	101.1	46-142	%	5.00	12/18/2003 14:06	

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-9 Lab ID: 2003-12-0480 - 35
Sampled: 12/11/2003 16:02 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 17:55	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 17:55	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	120.5	50-125	%	1.00	12/17/2003 17:55	
Decachlorobiphenyl (Pest/8081)	82.4	46-142	%	1.00	12/17/2003 17:55	

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-13 Lab ID: 2003-12-0480 - 36
Sampled: 12/11/2003 16:16 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 18:26	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 18:26	
4,4'-DDE	22	10	ug/Kg	5.00	12/17/2003 18:26	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 18:26	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 18:26	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 18:26	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 18:26	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 18:26	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Toxaphene	ND	500	ug/Kg	5.00	12/17/2003 18:26	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 18:26	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 18:26	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 18:26	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	155.9	50-125	%	5.00	12/17/2003 18:26	s
Decachlorobiphenyl (Pest/8081)	95.3	46-142	%	5.00	12/17/2003 18:26	

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-18 Lab ID: 2003-12-0480 - 37
Sampled: 12/11/2003 16:36 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13
Analysis Flag: Irr (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 18:56	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 18:56	
4,4'-DDE	ND	10	ug/Kg	5.00	12/17/2003 18:56	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 18:56	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 18:56	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 18:56	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 18:56	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 18:56	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Toxaphene	ND	500	ug/Kg	5.00	12/17/2003 18:56	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 18:56	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 18:56	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 18:56	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	63.3	50-125	%	5.00	12/17/2003 18:56	
Decachlorobiphenyl (Pest/8081)	89.5	46-142	%	5.00	12/17/2003 18:56	

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-19 Lab ID: 2003-12-0480 - 38
Sampled: 12/11/2003 16:52 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Dieldrin	7.4	2.0	ug/Kg	1.00	12/18/2003 15:11	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
4,4'-DDT	14	2.0	ug/Kg	1.00	12/18/2003 15:11	
4,4'-DDE	53	2.0	ug/Kg	1.00	12/18/2003 15:11	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Endosulfan sulfate	3.2	2.0	ug/Kg	1.00	12/18/2003 15:11	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Toxaphene	320	100	ug/Kg	1.00	12/18/2003 15:11	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 15:11	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 15:11	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	124.9	50-125	%	1.00	12/18/2003 15:11	
Decachlorobiphenyl (Pest/8081)	85.9	46-142	%	1.00	12/18/2003 15:11	

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Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-12 Lab ID: 2003-12-0480 - 39
Sampled: 12/11/2003 17:05 Extracted: 12/16/2003 19:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Dieldrin	4.5	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
4,4'-DDT	11	2.0	ug/Kg	1.00	12/18/2003 15:42	
4,4'-DDE	32	2.0	ug/Kg	1.00	12/18/2003 15:42	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endosulfan sulfate	2.0	2.0	ug/Kg	1.00	12/18/2003 15:42	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Toxaphene	270	100	ug/Kg	1.00	12/18/2003 15:42	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 15:42	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	113.4	50-125	%	1.00	12/18/2003 15:42	
Decachlorobiphenyl (Pest/8081)	81.6	46-142	%	1.00	12/18/2003 15:42	

Organochlorine Pesticides Analysis

Lowmye & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-1 Lab ID: 2003-12-0480 - 40
Sampled: 12/11/2003 17:17 Extracted: 12/17/2003 12:11
Matrix: Soil QC Batch#: 2003/12/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Dieldrin	3.0	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
4,4'-DDE	5.4	2.0	ug/Kg	1.00	12/18/2003 10:55	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endosulfan sulfate	2.5	2.0	ug/Kg	1.00	12/18/2003 10:55	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Toxaphene	130	100	ug/Kg	1.00	12/18/2003 10:55	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 10:55	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	100.7	50-125	%	1.00	12/18/2003 10:55	
Decachlorobiphenyl (Pest/8081)	79.0	46-142	%	1.00	12/18/2003 10:55	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-2 Lab ID: 2003-12-0480 - 41
Sampled: 12/11/2003 17:36 Extracted: 12/17/2003 12:11
Matrix: Soil QC Batch#: 2003/12/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-DDT	21	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-DDE	91	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 15:08	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:08	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:08	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 15:08	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 15:08	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 15:08	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:08	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.3	50-125	%	5.00	12/18/2003 15:08	
Decachlorobiphenyl (Pest/8081)	92.7	46-142	%	5.00	12/18/2003 15:08	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/16-01.13
MB: 2003/12/15-01.13-001 Date Extracted: 12/16/2003 12:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/16/2003 19:28	
Dieldrin	ND	2.0	ug/Kg	12/16/2003 19:28	
Endrin aldehyde	ND	2.0	ug/Kg	12/16/2003 19:28	
Endrin	ND	2.0	ug/Kg	12/16/2003 19:28	
Endrin ketone	ND	2.0	ug/Kg	12/16/2003 19:28	
Heptachlor	ND	2.0	ug/Kg	12/16/2003 19:28	
Heptachlor epoxide	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-DDT	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-DDE	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-DDD	ND	2.0	ug/Kg	12/16/2003 19:28	
Endosulfan I	ND	2.0	ug/Kg	12/16/2003 19:28	
Endosulfan II	ND	2.0	ug/Kg	12/16/2003 19:28	
alpha-BHC	ND	2.0	ug/Kg	12/16/2003 19:28	
beta-BHC	ND	2.0	ug/Kg	12/16/2003 19:28	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/16/2003 19:28	
delta-BHC	ND	2.0	ug/Kg	12/16/2003 19:28	
Endosulfan sulfate	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/16/2003 19:28	
Toxaphene	ND	100	ug/Kg	12/16/2003 19:28	
Chlordane (Technical)	ND	50	ug/Kg	12/16/2003 19:28	
alpha-Chlordane	ND	2.0	ug/Kg	12/16/2003 19:28	
gamma-Chlordane	ND	2.0	ug/Kg	12/16/2003 19:28	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	88.7	50-125	%	12/16/2003 19:28	
Decachlorobiphenyl (Pest/8081)	93.1	46-142	%	12/16/2003 19:28	

Organochlorine Pesticides Analysis

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Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/16-03.13
MB: 2003/12/16-03.13-001 Date Extracted: 12/16/2003 18:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/17/2003 09:21	
Dieldrin	ND	2.0	ug/Kg	12/17/2003 09:21	
Endrin aldehyde	ND	2.0	ug/Kg	12/17/2003 09:21	
Endrin	ND	2.0	ug/Kg	12/17/2003 09:21	
Endrin ketone	ND	2.0	ug/Kg	12/17/2003 09:21	
Heptachlor	ND	2.0	ug/Kg	12/17/2003 09:21	
Heptachlor epoxide	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-DDT	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-DDE	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-DDD	ND	2.0	ug/Kg	12/17/2003 09:21	
Endosulfan I	ND	2.0	ug/Kg	12/17/2003 09:21	
Endosulfan II	ND	2.0	ug/Kg	12/17/2003 09:21	
alpha-BHC	ND	2.0	ug/Kg	12/17/2003 09:21	
beta-BHC	ND	2.0	ug/Kg	12/17/2003 09:21	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/17/2003 09:21	
delta-BHC	ND	2.0	ug/Kg	12/17/2003 09:21	
Endosulfan sulfate	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/17/2003 09:21	
Toxaphene	ND	100	ug/Kg	12/17/2003 09:21	
Chlordane (Technical)	ND	50	ug/Kg	12/17/2003 09:21	
alpha-Chlordane	ND	2.0	ug/Kg	12/17/2003 09:21	
gamma-Chlordane	ND	2.0	ug/Kg	12/17/2003 09:21	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	87.2	50-125	%	12/17/2003 09:21	
Decachlorobiphenyl (Pest/8081)	84.5	46-142	%	12/17/2003 09:21	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/17-01.13
MB: 2003/12/17-01.13-001 Date Extracted: 12/17/2003 12:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Dieldrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin aldehyde	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin ketone	ND	2.0	ug/Kg	12/18/2003 09:22	
Heptachlor	ND	2.0	ug/Kg	12/18/2003 09:22	
Heptachlor epoxide	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDT	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDE	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDD	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan I	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan II	ND	2.0	ug/Kg	12/18/2003 09:22	
alpha-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
beta-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/18/2003 09:22	
delta-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan sulfate	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/18/2003 09:22	
Toxaphene	ND	100	ug/Kg	12/18/2003 09:22	
Chlordane (Technical)	ND	50	ug/Kg	12/18/2003 09:22	
alpha-Chlordane	ND	2.0	ug/Kg	12/18/2003 09:22	
gamma-Chlordane	ND	2.0	ug/Kg	12/18/2003 09:22	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	55.5	50-125	%	12/18/2003 09:22	
Decachlorobiphenyl (Pest/8081)	76.9	46-142	%	12/18/2003 09:22	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Laboratory Control Spike Soil QC Batch # 2003/12/15-01.13
LCS 2003/12/15-01.13-002 Extracted: 12/15/2003 Analyzed: 12/16/2003 19:59
LCSD 2003/12/15-01.13-003 Extracted: 12/15/2003 Analyzed: 12/16/2003 20:30

Compound	Conc.		Exp. Conc.	Recovery %			RPD	Crt.Limits %	Flags
	LCS	LCSD		LCS	LCSD	%			
Aldrin	13.5	13.2	16.6	81.3	79.5	2.2	37-136	35	
Dieldrin	13.7	13.4	16.6	82.5	80.7	2.2	58-135	35	
Endrin	14.1	14.1	16.6	84.9	84.9	0.0	58-134	35	
Heptachlor	13.4	13.3	16.6	80.7	80.1	0.7	40-136	35	
4,4'-DDT	13.8	13.6	16.6	83.1	81.9	1.5	55-132	35	
gamma-BHC (Lindane)	13.4	13.1	16.6	80.7	78.9	2.3	37-137	35	
Surrogates(s)									
2,4,5,6-Tetrachloro-m-xylene	46.1	42.5	50	92.1	84.9		50-125	0	
Decachlorobiphenyl	46.8	45.6	50	93.6	91.2		46-142	0	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2003/12/16-03.13
LCS 2003/12/16-03.13-002 Extracted: 12/16/2003 Analyzed: 12/17/2003 09:51
LCSD 2003/12/16-03.13-003 Extracted: 12/16/2003 Analyzed: 12/17/2003 10:22

Compound	Conc. ug/Kg		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Aldrin	13.0	11.1	16.6	78.3	66.5	16.3	37-136	35	
Dieldrin	12.9	11.5	16.6	77.7	68.9	12.0	58-135	35	
Endrin	13.9	12.6	16.6	83.7	75.4	10.4	58-134	35	
Heptachlor	13.3	11.3	16.6	80.1	67.7	16.8	40-136	35	
4,4'-DDT	13.1	11.9	16.6	78.9	71.3	10.1	55-132	35	
gamma-BHC (Lindane)	12.8	11.0	16.6	77.1	65.9	15.7	37-137	35	
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	49.9	43.6	50	99.8	87.2	50	50-125	0	
Decachlorobiphenyl	43.9	40.9	50	87.8	81.8	46	46-142	0	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2003/12/17-01.13
LCS 2003/12/17-01.13-002 Extracted: 12/17/2003 Analyzed: 12/18/2003 09:53
LCSD 2003/12/17-01.13-003 Extracted: 12/17/2003 Analyzed: 12/18/2003 10:24

Compound	Conc. ug/Kg		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Aldrin	11.3	11.9	16.6	68.5	72.1	5.1	37-136	35	
Dieldrin	10.6	11.2	16.6	64.2	67.9	5.6	58-135	35	
Endrin	11.9	12.5	16.6	72.1	75.8	5.0	58-134	35	
Heptachlor	11.9	12.9	16.6	72.1	78.2	8.1	40-136	35	
4,4'-DDT	10.3	10.5	16.6	62.4	63.6	1.9	55-132	35	
gamma-BHC (Lindane)	12.5	12.8	16.6	75.8	77.6	2.3	37-137	35	
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	42.7	28.0	50	85.4	56.1	50	50-125	0	
Decachlorobiphenyl	37.8	40.1	50	75.7	80.1	46	46-142	0	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/15-01.13
DD-3 >> MS Lab ID: 2003-12-0480 - 008
MS: 2003/12/15-01.13-004 Extracted: 12/15/2003 Analyzed: 12/17/2003 01:41
Dilution: 1.00
MSD: 2003/12/15-01.13-005 Extracted: 12/15/2003 Analyzed: 12/17/2003 02:12
Dilution: 1.00

Compound	Conc.		Spk.Level	Recovery %		RPD	Limits %		Flags		
	MS	MSD		Sample	ug/Kg		MS	MSD		Rec.	RPD
Aldrin	13.2	12.9	ND	16.5	80.0	77.2	3.6	37-136	35		
Dieldrin	14.1	13.7	ND	16.5	85.5	82.0	4.2	58-135	35		
Endrin	14.3	14.0	ND	16.5	86.7	83.8	3.4	58-134	35		
Heptachlor	13.2	13.2	ND	16.5	80.0	79.0	1.3	40-136	35		
4,4'-DDT	21.3	21.4	5.50	16.5	95.8	95.2	0.6	55-132	35		
gamma-BHC (Lindane)	13.2	12.0	ND	16.5	80.0	77.2	3.0	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	45.2	45.1	50	90.5	90.2	50	50-125	0			
Decachlorobiphenyl	42.1	41.1	50	84.3	82.3	46	46-142	0			

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/16-03.13
DP-11 >> MS Lab ID: 2003-12-0480 - 020
MS: 2003/12/16-03.13-004 Extracted: 12/16/2003 Analyzed: 12/17/2003 11:34
Dilution: 5.00
MSD: 2003/12/16-03.13-005 Extracted: 12/16/2003 Analyzed: 12/17/2003 12:05
Dilution: 5.00

Compound	Conc.		Spk.Level	Recovery %		RPD	Limits %		Flags		
	MS	MSD		Sample	ug/Kg		MS	MSD		Rec.	RPD
Aldrin	14.4	13.9	ND	16.6	86.7	83.2	4.1	37-136	35		
Dieldrin	15.6	15.3	ND	16.6	94.0	91.6	2.6	58-135	35		
Endrin	13.4	13.3	ND	16.6	80.7	79.9	1.4	58-134	35		
Heptachlor	14.6	14.1	ND	16.6	88.0	84.4	4.2	40-136	35		
4,4'-DDT	18.5	18.0	ND	16.6	111.4	107.8	3.3	55-132	35		
gamma-BHC (Lindane)	14.8	14.3	ND	16.6	89.2	85.6	4.1	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	52.2	50.4	50	104.5	100.8	50	50-125	0			
Decachlorobiphenyl	47.6	47.0	50	95.2	94.1	46	46-142	0			

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/17-01.13
AG-1 >> MS Lab ID: 2003-12-0480-040
MS: 2003/12/17-01.13-004 Extricted: 12/17/2003 Analyzed: 12/18/2003 11:26
Dilution: 1.00
MSD: 2003/12/17-01.13-005 Extricted: 12/17/2003 Analyzed: 12/18/2003 11:57
Dilution: 1.00

Table with columns: Compound, Conc., up/Kg, Spk Level, Recovery %, Limits %, Flags. Rows include Aldrin, Dieldrin, Endrin, Heptachlor, 4,4'-DDT, gamma-BHC (Lindane), Surrogate(s), 2,4,5,6-Tetrachloro-m-xylene, Decachlorobiphenyl.

Organochlorine Pesticides Analysis

Lowmy & Associates Mountain View
Attn.: Tom McCloskey
405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Legend and Notes

Analysis Flag
In Reporting limits raised due to high level of non-target analyte materials.
sdo Surrogate(s) diluted out
Result Flag
mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.
s One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Form with sections: CHAIN OF CUSTODY RECORD, ANALYSES REQUESTED, and a large data table with columns for Sample ID, Date, Time, Lab I.D., Sample Matrix, No. of Cont., and various test results.

Form with sections: CHAIN OF CUSTODY RECORD, ANALYSES REQUESTED, and a large data table with columns for Sample ID, Date, Time, Lab I.D., Sample Matrix, No. of Cont., and various test results.



Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Samples Reported

Table with 4 columns: Sample Name, Date Sampled, Matrix, Lab #. Lists samples DD-2 through AG-20 with corresponding dates and matrices.

STL San Francisco
Sample Receipt Checklist

Checklist completed by: (initials) Date: 12-13-03
Submission #: 2003-12-0480
Chain of custody present? Yes
Samples in proper container/bottle? Yes
Sufficient sample volume for indicated test? Yes
All samples received within holding time? Yes
Container temp Blank temperature in compliance (± 2)? Yes

Project Management [Routing for instruction of indicated discrepancy(ies)]

Client contacted: Yes No
Summary of discussion:
Corrective Action (per PM/Client):

CHAIN OF CUSTODY RECORD

LOWNEY ASSOCIATES
Environmental/Geotechnical/Engineering Services

Mountain View Office
405 Clyde Ave.
Mountain View, CA 94043
Tel: 650.967.2365 Fax: 650.967.2785

Oakland Office
167 Filbert St.
Oakland, CA 94607
Tel: 510.267.1970 Fax: 510.267.2365

San Ramon Office
2258 Camino Ramon
San Ramon, CA 94583
Tel: 925.275.2555 Fax: 925.275.2555

Main analysis table with columns: Sample I.D., Date, Time, Lab I.D., Matrix, No. of Cont., Turnaround Requirements, and various test results for TPH, VOCs, PAHs, etc.

LOWNEY ASSOCIATES
CHAIN OF CUSTODY RECORD
Project Name: Fanoe Ranch
Job No.: 1989-1
Report To: Mr. Tom McCloskey
Sampler (print): Kevin L. McIlvanna

Table with columns: Sample I.D., Date, Time, Lab I.D., Sample Matrix, No. of Cont., and Remarks. Lists samples AG-1 through AG-13.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-10	12/11/2003 15:46	Soil	34
AG-9	12/11/2003 16:02	Soil	35
AG-13	12/11/2003 16:16	Soil	36
AG-18	12/11/2003 16:36	Soil	37
AG-19	12/11/2003 16:52	Soil	38
AG-12	12/11/2003 17:05	Soil	39
AG-1	12/11/2003 17:17	Soil	40
AG-2	12/11/2003 17:36	Soil	41

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DD-2 Lab ID: 2003-12-0480 - 1
Sampled: 12/10/2003 14:12 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Dieldrin	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endrin	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Heptachlor	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-DDE	2.1	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
beta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
delta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Toxaphene	ND	100	ug/Kg	1.00	12/16/2003 21:33	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/16/2003 21:33	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	89.5	50-125	%	1.00	12/16/2003 21:33	
Decachlorobiphenyl (Pest/8081)	86.7	46-142	%	1.00	12/16/2003 21:33	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

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Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: P-1 Lab ID: 2003-12-0480 - 2
Sampled: 12/10/2003 14:55 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Dieldrin	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endrin	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Heptachlor	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
beta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
delta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Toxaphene	ND	100	ug/Kg	1.00	12/16/2003 22:04	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/16/2003 22:04	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	92.8	50-125	%	1.00	12/16/2003 22:04	
Decachlorobiphenyl (Pest/8081)	89.8	46-142	%	1.00	12/16/2003 22:04	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: FD-1 Lab ID: 2003-12-0480 - 3
Sampled: 12/10/2003 15:45 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Dieldrin	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endrin aldehyde	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endrin	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endrin ketone	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Heptachlor	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Heptachlor epoxide	ND	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-DDT	500	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-DDE	380	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-DDD	28	20	ug/Kg	10.00	12/18/2003 14:40	
Endosulfan I	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endosulfan II	ND	20	ug/Kg	10.00	12/18/2003 14:40	
alpha-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:40	
beta-BHC	21	20	ug/Kg	10.00	12/18/2003 14:40	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	12/18/2003 14:40	
delta-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endosulfan sulfate	ND	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Toxaphene	ND	400	ug/Kg	10.00	12/18/2003 14:40	
Chlordane (Technical)	ND	500	ug/Kg	10.00	12/18/2003 14:40	
alpha-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:40	
gamma-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	12/18/2003 14:40	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	12/18/2003 14:40	

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Organochlorine Pesticides AnalysisLowney & Associates Mountain View
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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	P-2	Lab ID:	2003-12-0480 - 4
Sampled:	12/10/2003 16:10	Extracted:	12/15/2003 12:49
Matrix:	Soil	QC Batch#:	2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 08:50	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 08:50	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.8	50-125	%	1.00	12/17/2003 08:50	
Decachlorobiphenyl (Pest/8081)	85.3	46-142	%	1.00	12/17/2003 08:50	

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Organochlorine Pesticides AnalysisLowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	P-5	Lab ID:	2003-12-0480 - 5
Sampled:	12/10/2003 16:22	Extracted:	12/15/2003 12:49
Matrix:	Soil	QC Batch#:	2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Dieldrin	4.6	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-DDT	11	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-DDE	31	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Toxaphene	240	100	ug/Kg	1.00	12/18/2003 10:14	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 10:14	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	77.3	50-125	%	1.00	12/18/2003 10:14	
Decachlorobiphenyl (Pest/8081)	31.0	46-142	%	1.00	12/18/2003 10:14	s

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Organochlorine Pesticides AnalysisLowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	DD-1	Lab ID:	2003-12-0480 - 6
Sampled:	12/10/2003 16:40	Extracted:	12/15/2003 12:49
Matrix:	Soil	QC Batch#:	2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Dieldrin	2.3	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDT	5.7	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDE	7.6	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 10:45	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 10:45	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.3	50-125	%	1.00	12/18/2003 10:45	
Decachlorobiphenyl (Pest/8081)	87.4	46-142	%	1.00	12/18/2003 10:45	

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	PFA-1	Lab ID:	2003-12-0480 - 7
Sampled:	12/10/2003 16:55	Extracted:	12/15/2003 12:49
Matrix:	Soil	QC Batch#:	2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDT	26	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDE	31	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 11:16	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 11:16	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 11:16	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 11:16	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 11:16	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	105.1	50-125	%	5.00	12/18/2003 11:16	
Decachlorobiphenyl (Pest/8081)	90.9	46-142	%	5.00	12/18/2003 11:16	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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 Project: 1989-1
 Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: DD-3	Lab ID: 2003-12-0480 - 8
Sampled: 12/10/2003 17:12	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDT	5.4	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDE	6.9	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 11:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 11:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	77.3	50-125	%	1.00	12/18/2003 11:47	
Decachlorobiphenyl (Pest/8081)	66.9	46-142	%	1.00	12/18/2003 11:47	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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 Project: 1989-1
 Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: P-4	Lab ID: 2003-12-0480 - 9
Sampled: 12/11/2003 08:17	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 02:44	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 02:44	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.2	50-125	%	1.00	12/17/2003 02:44	
Decachlorobiphenyl (Pest/8081)	78.5	46-142	%	1.00	12/17/2003 02:44	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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 Project: 1989-1
 Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: DP-1	Lab ID: 2003-12-0480 - 10
Sampled: 12/11/2003 09:15	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 03:15	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 03:15	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	85.7	50-125	%	1.00	12/17/2003 03:15	
Decachlorobiphenyl (Pest/8081)	84.8	46-142	%	1.00	12/17/2003 03:15	

Organochlorine Pesticides Analysis

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 Project: 1989-1
 Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: DP-2	Lab ID: 2003-12-0480 - 11
Sampled: 12/11/2003 09:18	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Dieldrin	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Endrin	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Endrin ketone	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Heptachlor	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/16/2003 21:00	
4,4'-DDT	ND	10	ug/Kg	5.00	12/16/2003 21:00	
4,4'-DDE	ND	10	ug/Kg	5.00	12/16/2003 21:00	
4,4'-DDD	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Endosulfan I	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Endosulfan II	ND	10	ug/Kg	5.00	12/16/2003 21:00	
alpha-BHC	ND	10	ug/Kg	5.00	12/16/2003 21:00	
beta-BHC	ND	10	ug/Kg	5.00	12/16/2003 21:00	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/16/2003 21:00	
delta-BHC	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/16/2003 21:00	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Toxaphene	ND	200	ug/Kg	5.00	12/16/2003 21:00	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/16/2003 21:00	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 21:00	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 21:00	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	114.9	50-125	%	5.00	12/16/2003 21:00	
Decachlorobiphenyl (Pest/8081)	101.5	46-142	%	5.00	12/16/2003 21:00	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-3 Lab ID: 2003-12-0480 - 12
Sampled: 12/11/2003 09:21 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Dieldrin	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Endrin	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Endrin ketone	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Heptachlor	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/16/2003 21:31	
4,4'-DDT	ND	10	ug/Kg	5.00	12/16/2003 21:31	
4,4'-DDE	11	10	ug/Kg	5.00	12/16/2003 21:31	
4,4'-DDD	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Endosulfan I	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Endosulfan II	ND	10	ug/Kg	5.00	12/16/2003 21:31	
alpha-BHC	ND	10	ug/Kg	5.00	12/16/2003 21:31	
beta-BHC	ND	10	ug/Kg	5.00	12/16/2003 21:31	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/16/2003 21:31	
delta-BHC	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/16/2003 21:31	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Toxaphene	ND	200	ug/Kg	5.00	12/16/2003 21:31	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/16/2003 21:31	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 21:31	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 21:31	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	87.2	50-125	%	5.00	12/16/2003 21:31	
Decachlorobiphenyl (Pest/8081)	102.2	46-142	%	5.00	12/16/2003 21:31	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-4 Lab ID: 2003-12-0480 - 13
Sampled: 12/11/2003 09:44 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Dieldrin	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endrin	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endrin ketone	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Heptachlor	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/16/2003 22:02	
4,4'-DDT	ND	10	ug/Kg	5.00	12/16/2003 22:02	
4,4'-DDE	ND	10	ug/Kg	5.00	12/16/2003 22:02	
4,4'-DDD	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endosulfan I	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endosulfan II	ND	10	ug/Kg	5.00	12/16/2003 22:02	
alpha-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:02	
beta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:02	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/16/2003 22:02	
delta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/16/2003 22:02	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Toxaphene	ND	200	ug/Kg	5.00	12/16/2003 22:02	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/16/2003 22:02	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:02	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	80.2	50-125	%	5.00	12/16/2003 22:02	
Decachlorobiphenyl (Pest/8081)	91.3	46-142	%	5.00	12/16/2003 22:02	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-5 Lab ID: 2003-12-0480 - 14
Sampled: 12/11/2003 09:47 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Dieldrin	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endrin	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endrin ketone	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Heptachlor	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-DDT	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-DDE	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-DDD	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endosulfan I	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endosulfan II	ND	10	ug/Kg	5.00	12/16/2003 22:33	
alpha-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:33	
beta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:33	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/16/2003 22:33	
delta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Toxaphene	ND	200	ug/Kg	5.00	12/16/2003 22:33	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/16/2003 22:33	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:33	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	102.7	50-125	%	5.00	12/16/2003 22:33	
Decachlorobiphenyl (Pest/8081)	108.2	46-142	%	5.00	12/16/2003 22:33	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-6 Lab ID: 2003-12-0480 - 15
Sampled: 12/11/2003 09:51 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-DDE	13	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 12:18	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 12:18	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 12:18	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 12:18	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 12:18	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 12:18	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 12:18	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	101.8	50-125	%	5.00	12/18/2003 12:18	
Decachlorobiphenyl (Pest/8081)	96.3	46-142	%	5.00	12/18/2003 12:18	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey
405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoë Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-7 Lab ID: 2003-12-0480 - 16
Sampled: 12/11/2003 10:08 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Analysis Flag: In (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey
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Project: 1989-1
Fanoë Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-8 Lab ID: 2003-12-0480 - 17
Sampled: 12/11/2003 10:12 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoë Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-9 Lab ID: 2003-12-0480 - 18
Sampled: 12/11/2003 10:16 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoë Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-10 Lab ID: 2003-12-0480 - 19
Sampled: 12/11/2003 10:28 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Analysis Flag: In (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Faneo Ranch

Received: 12/12/2003 09:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	DP-11	Lab ID:	2003-12-0480 - 20
Sampled:	12/11/2003 10:32	Extracted:	12/16/2003 18:16
Matrix:	Soil	QC Batch#:	2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDE	15	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 15:39	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 15:39	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 15:39	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 15:39	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:39	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	103.1	50-125	%	5.00	12/18/2003 15:39	
Decachlorobiphenyl (PestU8081)	92.6	46-142	%	5.00	12/18/2003 15:39	

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Organochlorine Pesticides Analysis

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Faneo Ranch

Received: 12/12/2003 09:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	DP-12	Lab ID:	2003-12-0480 - 21
Sampled:	12/11/2003 10:36	Extracted:	12/16/2003 18:16
Matrix:	Soil	QC Batch#:	2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDE	23	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 16:10	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 16:10	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 16:10	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 16:10	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 16:10	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	102.4	50-125	%	5.00	12/18/2003 16:10	
Decachlorobiphenyl (PestU8081)	89.4	46-142	%	5.00	12/18/2003 16:10	

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Organochlorine Pesticides Analysis

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Faneo Ranch

Received: 12/12/2003 09:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-6	Lab ID:	2003-12-0480 - 22
Sampled:	12/11/2003 11:50	Extracted:	12/16/2003 18:16
Matrix:	Soil	QC Batch#:	2003/12/16-03.13

Analysis Flag: In (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-DDE	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 13:07	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 13:07	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 13:07	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 13:07	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Toxaphene	ND	200	ug/Kg	5.00	12/17/2003 13:07	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 13:07	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 13:07	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	101.4	50-125	%	5.00	12/17/2003 13:07	
Decachlorobiphenyl (PestU8081)	94.6	46-142	%	5.00	12/17/2003 13:07	

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Organochlorine Pesticides Analysis

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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Faneo Ranch

Received: 12/12/2003 09:45

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	AG-7	Lab ID:	2003-12-0480 - 23
Sampled:	12/11/2003 12:11	Extracted:	12/16/2003 18:16
Matrix:	Soil	QC Batch#:	2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
4,4'-DDE	4.0	2.0	ug/Kg	1.00	12/17/2003 13:38	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 13:38	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 13:38	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.7	50-125	%	1.00	12/17/2003 13:38	
Decachlorobiphenyl (PestU8081)	70.0	46-142	%	1.00	12/17/2003 13:38	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-14 Lab ID: 2003-12-0480 - 24
Sampled: 12/11/2003 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 14:09	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 14:09	
4,4'-DDE	11	10	ug/Kg	5.00	12/17/2003 14:09	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 14:09	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:09	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:09	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 14:09	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 14:09	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Toxaphene	ND	200	ug/Kg	5.00	12/17/2003 14:09	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 14:09	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:09	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	104.6	50-125	%	5.00	12/17/2003 14:09	
Decachlorobiphenyl (Pest/8081)	106.1	46-142	%	5.00	12/17/2003 14:09	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-8 Lab ID: 2003-12-0480 - 25
Sampled: 12/11/2003 12:51 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 12:45	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 12:45	
4,4'-DDE	ND	10	ug/Kg	5.00	12/17/2003 12:45	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 12:45	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 12:45	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 12:45	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 12:45	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 12:45	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Toxaphene	ND	200	ug/Kg	5.00	12/17/2003 12:45	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 12:45	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 12:45	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 12:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	138.6	50-125	%	5.00	12/17/2003 12:45	s
Decachlorobiphenyl (Pest/8081)	104.2	46-142	%	5.00	12/17/2003 12:45	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-3 Lab ID: 2003-12-0480 - 26
Sampled: 12/11/2003 13:03 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
4,4'-DDE	2.5	2.0	ug/Kg	1.00	12/17/2003 13:16	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 13:16	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 13:16	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	124.7	50-125	%	1.00	12/17/2003 13:16	
Decachlorobiphenyl (Pest/8081)	90.6	46-142	%	1.00	12/17/2003 13:16	

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Organochlorine Pesticides Analysis

Lowmy & Associates Mountain View
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Project: 1989-1
Fanoes Ranch

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-4 Lab ID: 2003-12-0480 - 27
Sampled: 12/11/2003 13:17 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-DDT	3.0	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-DDE	7.2	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endosulfan sulfate	2.6	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 13:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 13:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	63.6	50-125	%	1.00	12/17/2003 13:47	
Decachlorobiphenyl (Pest/8081)	85.4	46-142	%	1.00	12/17/2003 13:47	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-6 Lab ID: 2003-12-0480 - 28
Sampled: 12/11/2003 13:53 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-DDE	15	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 14:18	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:18	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:18	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 14:18	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Toxaphene	ND	200	ug/Kg	5.00	12/17/2003 14:18	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 14:18	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:18	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	149.0	50-125	%	5.00	12/17/2003 14:18	s
Decachlorobiphenyl (Pest/8081)	101.2	46-142	%	5.00	12/17/2003 14:18	

Organochlorine Pesticides Analysis

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-15 Lab ID: 2003-12-0480 - 29
Sampled: 12/11/2003 14:15 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-DDT	4.4	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-DDE	12	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endosulfan sulfate	2.0	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 16:41	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 16:41	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	79.1	50-125	%	1.00	12/18/2003 16:41	
Decachlorobiphenyl (Pest/8081)	66.1	46-142	%	1.00	12/18/2003 16:41	

Organochlorine Pesticides Analysis

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-16 Lab ID: 2003-12-0480 - 30
Sampled: 12/11/2003 14:28 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
4,4'-DDE	3.6	2.0	ug/Kg	1.00	12/17/2003 15:20	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endosulfan sulfate	3.6	2.0	ug/Kg	1.00	12/17/2003 15:20	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 15:20	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 15:20	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	108.0	50-125	%	1.00	12/17/2003 15:20	
Decachlorobiphenyl (Pest/8081)	86.0	46-142	%	1.00	12/17/2003 15:20	

Organochlorine Pesticides Analysis

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-17 Lab ID: 2003-12-0480 - 31
Sampled: 12/11/2003 14:42 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-DDT	2.3	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-DDE	9.2	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endosulfan sulfate	2.4	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 17:13	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 17:13	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.5	50-125	%	1.00	12/18/2003 17:13	
Decachlorobiphenyl (Pest/8081)	65.1	46-142	%	1.00	12/18/2003 17:13	

Organochlorine Pesticides Analysis

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Fanoce Ranch

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-20 Lab ID: 2003-12-0480 - 32
Sampled: 12/11/2003 15:11 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-DDT	19	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-DDE	78	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 16:22	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 16:22	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 16:22	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 16:22	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Toxaphene	ND	200	ug/Kg	5.00	12/17/2003 16:22	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 16:22	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 16:22	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	141.8	50-125	%	5.00	12/17/2003 16:22	s
Decachlorobiphenyl (Pest/8081)	97.8	46-142	%	5.00	12/17/2003 16:22	

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Organochlorine Pesticides Analysis

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Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11 Lab ID: 2003-12-0480 - 33
Sampled: 12/11/2003 15:25 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Dieldrin	61	20	ug/Kg	10.00	12/18/2003 14:37	
Endrin aldehyde	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endrin	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endrin ketone	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Heptachlor	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Heptachlor epoxide	ND	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-DDT	270	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-DDE	500	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-DDD	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endosulfan I	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endosulfan II	ND	20	ug/Kg	10.00	12/18/2003 14:37	
alpha-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:37	
beta-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:37	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	12/18/2003 14:37	
delta-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endosulfan sulfate	26	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Toxaphene	2200	1000	ug/Kg	10.00	12/18/2003 14:37	
Chlordane (Technical)	ND	500	ug/Kg	10.00	12/18/2003 14:37	
alpha-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:37	
gamma-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	12/18/2003 14:37	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	12/18/2003 14:37	

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Organochlorine Pesticides Analysis

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Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-10 Lab ID: 2003-12-0480 - 34
Sampled: 12/11/2003 15:46 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-DDT	11	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-DDE	20	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 14:06	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 14:06	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 14:06	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 14:06	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 14:06	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 14:06	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 14:06	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	106.2	50-125	%	5.00	12/18/2003 14:06	
Decachlorobiphenyl (Pest/8081)	101.1	46-142	%	5.00	12/18/2003 14:06	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-9 Lab ID: 2003-12-0480 - 35
Sampled: 12/11/2003 16:02 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 17:55	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 17:55	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 17:55	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	120.5	50-125	%	1.00	12/17/2003 17:55	
Decachlorobiphenyl (Pest/8081)	82.4	46-142	%	1.00	12/17/2003 17:55	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-13 Lab ID: 2003-12-0480 - 36
Sampled: 12/11/2003 16:16 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-18 Lab ID: 2003-12-0480 - 37
Sampled: 12/11/2003 16:36 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Analysis Flag: Im (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-19 Lab ID: 2003-12-0480 - 38
Sampled: 12/11/2003 16:52 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-12 Lab ID: 2003-12-0480 - 39
Sampled: 12/11/2003 17:05 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-1 Lab ID: 2003-12-0480 - 40
Sampled: 12/11/2003 17:17 Extracted: 12/17/2003 12:11
Matrix: Soil QC Batch#: 2003/12/17-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-2 Lab ID: 2003-12-0480 - 41
Sampled: 12/11/2003 17:36 Extracted: 12/17/2003 12:11
Matrix: Soil QC Batch#: 2003/12/17-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/15-01.13
MB: 2003/12/15-01.13-001 Date Extracted: 12/15/2003 12:49

Table with 7 columns: Compound, Conc., RL, Unit, Analyzed, Flag. Lists various pesticides and their concentrations.

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/16-03.13
MB: 2003/12/16-03-1001 Date Extracted: 12/16/2003 18:16

Table with 7 columns: Compound, Conc., RL, Unit, Analyzed, Flag. Lists various pesticides and their concentrations.

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 Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
 Method Blank Soil QC Batch # 2003/12/17-01.13
 MB: 2003/12/17-01.13-001 Date Extracted: 12/17/2003 12:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Dieldrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin aldehyde	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin ketone	ND	2.0	ug/Kg	12/18/2003 09:22	
Heptachlor	ND	2.0	ug/Kg	12/18/2003 09:22	
Heptachlor epoxide	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDT	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDE	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDD	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan I	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan II	ND	2.0	ug/Kg	12/18/2003 09:22	
alpha-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
beta-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/18/2003 09:22	
delta-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan sulfate	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/18/2003 09:22	
Toxaphene	ND	100	ug/Kg	12/18/2003 09:22	
Chlordane (Technical)	ND	50	ug/Kg	12/18/2003 09:22	
alpha-Chlordane	ND	2.0	ug/Kg	12/18/2003 09:22	
gamma-Chlordane	ND	2.0	ug/Kg	12/18/2003 09:22	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	55.5	50-125	%	12/18/2003 09:22	
Decachlorobiphenyl (Pest/8081)	76.9	46-142	%	12/18/2003 09:22	

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Organochlorine Pesticides Analysis

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 Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
 Laboratory Control Spike Soil QC Batch # 2003/12/15-01.13
 LCS 2003/12/15-01.13-002 Extracted: 12/15/2003 Analyzed: 12/16/2003 19:59
 LCSD 2003/12/15-01.13-003 Extracted: 12/15/2003 Analyzed: 12/16/2003 20:30

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aldrin	13.5	13.2	16.6	81.3	79.5	2.2	37-136	35		
Dieldrin	13.7	13.4	16.6	82.5	80.7	2.2	58-135	35		
Endrin	14.1	14.1	16.6	84.9	84.9	0.0	58-134	35		
Heptachlor	13.4	13.3	16.6	80.7	80.1	0.7	40-136	35		
4,4'-DDT	13.8	13.6	16.6	83.1	81.9	1.5	55-132	35		
gamma-BHC (Lindane)	13.4	13.1	16.6	80.7	78.9	2.3	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	46.1	42.5	50	92.1	84.9	50-125	0			
Decachlorobiphenyl	46.8	45.6	50	93.6	91.2	46-142	0			

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Organochlorine Pesticides Analysis

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 Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
 Laboratory Control Spike Soil QC Batch # 2003/12/16-03.13
 LCS 2003/12/16-03.13-002 Extracted: 12/16/2003 Analyzed: 12/17/2003 09:51
 LCSD 2003/12/16-03.13-003 Extracted: 12/16/2003 Analyzed: 12/17/2003 10:22

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aldrin	13.0	11.1	16.6	78.3	66.5	16.3	37-136	35		
Dieldrin	12.9	11.5	16.6	77.7	68.9	12.0	58-135	35		
Endrin	13.9	12.6	16.6	83.7	75.4	10.4	58-134	35		
Heptachlor	13.3	11.3	16.6	80.1	67.7	16.8	40-136	35		
4,4'-DDT	13.1	11.9	16.6	78.9	71.3	10.1	55-132	35		
gamma-BHC (Lindane)	12.8	11.0	16.6	77.1	65.9	15.7	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	49.9	43.6	50	99.8	87.2	50-125	0			
Decachlorobiphenyl	43.9	40.9	50	87.8	81.8	46-142	0			

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Organochlorine Pesticides Analysis

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 Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
 Laboratory Control Spike Soil QC Batch # 2003/12/17-01.13
 LCS 2003/12/17-01.13-002 Extracted: 12/17/2003 Analyzed: 12/18/2003 09:53
 LCSD 2003/12/17-01.13-003 Extracted: 12/17/2003 Analyzed: 12/18/2003 10:24

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aldrin	11.3	11.9	16.5	68.5	72.1	5.1	37-136	35		
Dieldrin	10.6	11.2	16.5	64.2	67.9	5.6	58-135	35		
Endrin	11.9	12.5	16.5	72.1	75.8	5.0	58-134	35		
Heptachlor	11.9	12.9	16.5	72.1	78.2	8.1	40-136	35		
4,4'-DDT	10.3	10.5	16.5	62.4	63.6	1.9	55-132	35		
gamma-BHC (Lindane)	12.5	12.8	16.5	75.8	77.6	2.3	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	42.7	28.0	50	85.4	56.1	50-125	0			
Decachlorobiphenyl	37.6	40.1	50	75.7	80.1	46-142	0			

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Metals

Lowney & Associates Mountain View
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 Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 7471A Test(s): 7471A
Matrix Spike (MS / MSD) Soil **QC Batch # 2003/12/15-02.16**
 DD-2 >> MS Lab ID: 2003-12-0480 - 001
 MS: 2003/12/15-02.16-018 Extracted: 12/15/2003 Analyzed: 12/15/2003 18:11
 MSD: 2003/12/15-02.16-019 Extracted: 12/15/2003 Analyzed: 12/15/2003 18:12
 Dilution: 1.00

Compound	Conc.			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Mercury	0.557	0.548	ND	0.600	111.4	113.0	1.4	85-115	20		

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Metals

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 Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 7471A Test(s): 7471A
Matrix Spike (MS / MSD) Soil **QC Batch # 2003/12/15-03.16**
 DP-12 >> MS Lab ID: 2003-12-0480 - 02.1
 MS: 2003/12/15-03.16-047 Extracted: 12/15/2003 Analyzed: 12/16/2003 18:46
 Dilution: 1.00
 MSD: 2003/12/15-03.16-050 Extracted: 12/15/2003 Analyzed: 12/16/2003 18:50
 Dilution: 1.00

Compound	Conc.			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Mercury	0.597	0.591	ND	0.495	120.6	120.6	0.0	85-115	20		

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 Project: 1989-1
 Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3050B Test(s): 6010B
Matrix Spike (MS / MSD) Soil **QC Batch # 2003/12/15-04.15**
 DP-12 >> MS Lab ID: 2003-12-0480 - 021
 MS: 2003/12/15-04.15-025 Extracted: 12/15/2003 Analyzed: 12/18/2003 18:00
 Dilution: 1.00
 MSD: 2003/12/15-04.15-026 Extracted: 12/15/2003 Analyzed: 12/18/2003 18:04
 Dilution: 1.00

Compound	Conc.			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Arsenic	87.6	87.5	ND	97.1	90.2	88.4	2.0	75-125	20		
Lead	86.3	86.9	4.14	97.1	84.6	83.8	1.2	75-125	20		

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 Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3050B Test(s): 6010B
Matrix Spike (MS / MSD) Soil **QC Batch # 2003/12/15-05.15**
 DD-2 >> MS Lab ID: 2003-12-0480 - 001
 MS: 2003/12/15-05.15-054 Extracted: 12/15/2003 Analyzed: 12/18/2003 21:56
 Dilution: 1.00
 MSD: 2003/12/15-05.15-055 Extracted: 12/15/2003 Analyzed: 12/18/2003 22:00
 Dilution: 1.00

Compound	Conc.			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Arsenic	92.9	94.3	ND	100.0	92.9	94.3	1.6	75-125	20		
Lead	96.9	97.3	1.95	100.0	95.0	95.3	0.3	75-125	20		

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CHAIN OF CUSTODY RECORD

Project Name: Farnoe Ranch
 Job No.: 1989-1
 Report to: Mr. Tom McCloskey
 Sampler (print): Kevin L. McIverna
 Sampler (signature): [Signature]
 Electronic Deliverable Format Required: YES YES NO NO
 EDP LOG CODE: LAMV LLAO LAF
 Global ID #:

Sample ID	Date	Time	Lab ID	Sample Matrix	No. of Cont.
DP-1	12/16/03	14:44		Soil	1
DP-2	12/16/03	09:51		Soil	1
DP-3	12/16/03	10:08		Soil	1
DP-4	12/16/03	10:12		Soil	1
DP-5	12/16/03	10:16		Soil	1
DP-6	12/16/03	10:32		Soil	1
DP-7	12/16/03	10:36		Soil	1
DP-8	12/16/03	11:30		Soil	1
DP-9	12/16/03	13:11		Soil	1

Requisitioned By: [Signature] Date: 12/16/03 Time: 09:45
 Relinquished By: [Signature] Date: [Blank] Time: [Blank]

Project Name: Farnoe Ranch
 Job No.: 1989-1
 Report to: Mr. Tom McCloskey
 Sampler (print): Kevin L. McIverna
 Sampler (signature): [Signature]
 Electronic Deliverable Format Required: YES YES NO NO
 EDP LOG CODE: LAMV LLAO LAF
 Global ID #:

Sample ID	Date	Time	Lab ID	Sample Matrix	No. of Cont.
A6-1	12/16/03	10:30		Soil	1
A6-2	12/16/03	10:32		Soil	1
A6-3	12/16/03	10:36		Soil	1
A6-4	12/16/03	11:30		Soil	1
A6-5	12/16/03	13:16		Soil	1

Requisitioned By: [Signature] Date: 12/16/03 Time: 09:45
 Relinquished By: [Signature] Date: [Blank] Time: [Blank]

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 FULLERTON OFFICE: 2577 N. Main St., Fullerton 92831
 SAN RAMON OFFICE: 2296 Camino del Rio, San Ramon 94583

Project Name: Farnoe Ranch
 Job No.: 1989-1
 Report to: Mr. Tom McCloskey
 Sampler (print): Kevin L. McIverna
 Sampler (signature): [Signature]
 Electronic Deliverable Format Required: YES YES NO NO
 EDP LOG CODE: LAMV LLAO LAF
 Global ID #:

Sample ID	Date	Time	Lab ID	Sample Matrix	No. of Cont.
DP-1	12/16/03	14:44		Soil	1
DP-2	12/16/03	09:51		Soil	1
DP-3	12/16/03	10:08		Soil	1
DP-4	12/16/03	10:12		Soil	1
DP-5	12/16/03	10:16		Soil	1
DP-6	12/16/03	10:32		Soil	1
DP-7	12/16/03	10:36		Soil	1
DP-8	12/16/03	11:30		Soil	1
DP-9	12/16/03	13:11		Soil	1

Requisitioned By: [Signature] Date: 12/16/03 Time: 09:45
 Relinquished By: [Signature] Date: [Blank] Time: [Blank]

Project Name: Farnoe Ranch
 Job No.: 1989-1
 Report to: Mr. Tom McCloskey
 Sampler (print): Kevin L. McIverna
 Sampler (signature): [Signature]
 Electronic Deliverable Format Required: YES YES NO NO
 EDP LOG CODE: LAMV LLAO LAF
 Global ID #:

Sample ID	Date	Time	Lab ID	Sample Matrix	No. of Cont.
A6-1	12/16/03	10:30		Soil	1
A6-2	12/16/03	10:32		Soil	1
A6-3	12/16/03	10:36		Soil	1
A6-4	12/16/03	11:30		Soil	1
A6-5	12/16/03	13:16		Soil	1

Requisitioned By: [Signature] Date: 12/16/03 Time: 09:45
 Relinquished By: [Signature] Date: [Blank] Time: [Blank]

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
DD-2	12/10/2003 14:12	Soil	1
P-1	12/10/2003 14:55	Soil	2
FD-1	12/10/2003 15:45	Soil	3
P-2	12/10/2003 16:10	Soil	4
P-5	12/10/2003 16:22	Soil	5
DD-1	12/10/2003 16:40	Soil	6
PFA-1	12/10/2003 16:55	Soil	7
DD-3	12/10/2003 17:12	Soil	8
P-4	12/11/2003 08:17	Soil	9
DP-1	12/11/2003 09:15	Soil	10
DP-2	12/11/2003 09:18	Soil	11
DP-3	12/11/2003 09:21	Soil	12
DP-4	12/11/2003 09:44	Soil	13
DP-5	12/11/2003 09:47	Soil	14
DP-6	12/11/2003 09:51	Soil	15
DP-7	12/11/2003 10:06	Soil	16
DP-8	12/11/2003 10:12	Soil	17
DP-9	12/11/2003 10:16	Soil	18
DP-10	12/11/2003 10:28	Soil	19
DP-11	12/11/2003 10:32	Soil	20
DP-12	12/11/2003 10:36	Soil	21
AG-6	12/11/2003 11:50	Soil	22
AG-7	12/11/2003 12:11	Soil	23
AG-14	12/11/2003	Soil	24
AG-8	12/11/2003 12:51	Soil	25
AG-3	12/11/2003 13:03	Soil	26
AG-4	12/11/2003 13:17	Soil	27
AG-6	12/11/2003 13:53	Soil	28
AG-15	12/11/2003 14:15	Soil	29
AG-16	12/11/2003 14:28	Soil	30
AG-17	12/11/2003 14:42	Soil	31
AG-20	12/11/2003 15:11	Soil	32
AG-11	12/11/2003 15:25	Soil	33

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-10	12/11/2003 15:46	Soil	34
AG-9	12/11/2003 16:02	Soil	35
AG-13	12/11/2003 16:16	Soil	36
AG-16	12/11/2003 16:36	Soil	37
AG-19	12/11/2003 16:52	Soil	38
AG-12	12/11/2003 17:05	Soil	39
AG-1	12/11/2003 17:17	Soil	40
AG-2	12/11/2003 17:36	Soil	41

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: DD-2	Lab ID: 2003-12-0480 - 1
Sampled: 12/10/2003 14:12	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Dieldrin	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endrin	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Heptachlor	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-DDE	2.1	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
beta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
delta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Toxaphene	ND	100	ug/Kg	1.00	12/16/2003 21:33	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/16/2003 21:33	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	89.5	50-125	%	1.00	12/16/2003 21:33	
Decachlorobiphenyl (Pest/8081)	86.7	46-142	%	1.00	12/16/2003 21:33	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: P-1	Lab ID: 2003-12-0480 - 2
Sampled: 12/10/2003 14:55	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Dieldrin	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endrin	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Heptachlor	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
beta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
delta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Toxaphene	ND	100	ug/Kg	1.00	12/16/2003 22:04	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/16/2003 22:04	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	92.8	50-125	%	1.00	12/16/2003 22:04	
Decachlorobiphenyl (Pest/8081)	89.8	46-142	%	1.00	12/16/2003 22:04	

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Organochlorine Pesticides Analysis

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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: FD-1 Lab ID: 2003-12-0480 - 3
Sampled: 12/10/2003 16:45 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Dieldrin	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endrin aldehyde	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endrin	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endrin ketone	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Heptachlor	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Heptachlor epoxide	ND	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-DDT	500	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-DDE	380	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-DDD	28	20	ug/Kg	10.00	12/18/2003 14:40	
Endosulfan I	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endosulfan II	ND	20	ug/Kg	10.00	12/18/2003 14:40	
alpha-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:40	
beta-BHC	21	20	ug/Kg	10.00	12/18/2003 14:40	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	12/18/2003 14:40	
delta-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endosulfan sulfate	ND	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Toxaphene	ND	1000	ug/Kg	10.00	12/18/2003 14:40	
Chlordane (Technical)	ND	500	ug/Kg	10.00	12/18/2003 14:40	
alpha-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:40	
gamma-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	12/18/2003 14:40	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	12/18/2003 14:40	

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Organochlorine Pesticides Analysis

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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: P-5 Lab ID: 2003-12-0480 - 5
Sampled: 12/10/2003 16:22 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Dieldrin	4.6	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-DDT	11	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-DDE	31	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Toxaphene	240	100	ug/Kg	1.00	12/18/2003 10:14	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 10:14	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	77.3	50-125	%	1.00	12/18/2003 10:14	
Decachlorobiphenyl (Pest/8081)	31.0	46-142	%	1.00	12/18/2003 10:14	s

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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: P-2 Lab ID: 2003-12-0480 - 4
Sampled: 12/10/2003 16:10 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 08:50	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 08:50	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.8	50-125	%	1.00	12/17/2003 08:50	
Decachlorobiphenyl (Pest/8081)	85.3	46-142	%	1.00	12/17/2003 08:50	

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Organochlorine Pesticides Analysis

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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DD-1 Lab ID: 2003-12-0480 - 6
Sampled: 12/10/2003 16:40 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Dieldrin	2.3	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDT	5.7	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDE	7.6	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 10:45	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 10:45	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.3	50-125	%	1.00	12/18/2003 10:45	
Decachlorobiphenyl (Pest/8081)	87.4	46-142	%	1.00	12/18/2003 10:45	

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

12/19/2003 17:02

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey
405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fance Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: PFA-1 Lab ID: 2003-12-0480 - 7
Sampled: 12/10/2003 16:55 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDT	26	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDE	31	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 11:16	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 11:16	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 11:16	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 11:16	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 11:16	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	105.1	50-125	%	5.00	12/18/2003 11:16	
Decachlorobiphenyl (Pest/8081)	90.9	46-142	%	5.00	12/18/2003 11:16	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fance Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DD-3 Lab ID: 2003-12-0480 - 8
Sampled: 12/10/2003 17:12 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDT	5.4	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDE	6.9	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 11:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 11:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	77.3	50-125	%	1.00	12/18/2003 11:47	
Decachlorobiphenyl (Pest/8081)	66.9	46-142	%	1.00	12/18/2003 11:47	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fance Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: P-4 Lab ID: 2003-12-0480 - 9
Sampled: 12/11/2003 08:17 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 02:44	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 02:44	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 02:44	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.2	50-125	%	1.00	12/17/2003 02:44	
Decachlorobiphenyl (Pest/8081)	78.5	46-142	%	1.00	12/17/2003 02:44	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fance Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-1 Lab ID: 2003-12-0480 - 10
Sampled: 12/11/2003 09:15 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 03:15	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 03:15	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 03:15	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	85.7	50-125	%	1.00	12/17/2003 03:15	
Decachlorobiphenyl (Pest/8081)	84.8	46-142	%	1.00	12/17/2003 03:15	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-2 Lab ID: 2003-12-0480 - 11
Sampled: 12/11/2003 09:18 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13
Analysis Flag: In (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-3 Lab ID: 2003-12-0480 - 12
Sampled: 12/11/2003 09:21 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides with their concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-4 Lab ID: 2003-12-0480 - 13
Sampled: 12/11/2003 09:44 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13
Analysis Flag: In (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides with their concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-5 Lab ID: 2003-12-0480 - 14
Sampled: 12/11/2003 09:47 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13
Analysis Flag: In (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides with their concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Attn.: Tom McCloskey

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-6 Lab ID: 2003-12-0480 - 15
Sampled: 12/11/2003 09:51 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-7 Lab ID: 2003-12-0480 - 16
Sampled: 12/11/2003 10:08 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-8 Lab ID: 2003-12-0480 - 17
Sampled: 12/11/2003 10:12 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-9 Lab ID: 2003-12-0480 - 18
Sampled: 12/11/2003 10:16 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: DP-10
Sampled: 12/11/2003 10:28
Matrix: Soil
Analysis Flag: Irr (See Legend and Note Section)
Test(s): 8081
Lab ID: 2003-12-0480 - 19
Extracted: 12/15/2003 12:48
QC Batch#: 2003/12/16-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-DDE	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 01:07	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 01:07	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 01:07	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 01:07	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Toxaphene	ND	500	ug/Kg	5.00	12/17/2003 01:07	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 01:07	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 01:07	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	101.1	50-125	%	5.00	12/17/2003 01:07	
Decachlorobiphenyl (Pest/8081)	113.1	46-142	%	5.00	12/17/2003 01:07	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: DP-11
Sampled: 12/11/2003 10:32
Matrix: Soil
QC Batch#: 2003/12/16-03.13
Test(s): 8081
Lab ID: 2003-12-0480 - 20
Extracted: 12/16/2003 18:16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDE	15	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 15:39	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 15:39	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 15:39	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 15:39	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:39	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	103.1	50-125	%	5.00	12/18/2003 15:39	
Decachlorobiphenyl (Pest/8081)	92.6	46-142	%	5.00	12/18/2003 15:39	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey
405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: DP-12
Sampled: 12/11/2003 10:36
Matrix: Soil
QC Batch#: 2003/12/16-03.13
Test(s): 8081
Lab ID: 2003-12-0480 - 21
Extracted: 12/16/2003 18:16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDE	23	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 16:10	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 16:10	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 16:10	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 16:10	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 16:10	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	102.4	50-125	%	5.00	12/18/2003 16:10	
Decachlorobiphenyl (Pest/8081)	89.4	46-142	%	5.00	12/18/2003 16:10	

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-6
Sampled: 12/11/2003 11:50
Matrix: Soil
QC Batch#: 2003/12/16-03.13
Test(s): 8081
Lab ID: 2003-12-0480 - 22
Extracted: 12/16/2003 18:16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-DDE	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 13:07	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 13:07	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 13:07	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 13:07	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Toxaphene	ND	500	ug/Kg	5.00	12/17/2003 13:07	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 13:07	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 13:07	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	101.4	50-125	%	5.00	12/17/2003 13:07	
Decachlorobiphenyl (Pest/8081)	94.6	46-142	%	5.00	12/17/2003 13:07	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fance Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-7
Sampled: 12/11/2003 12:11
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 23
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03.13

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and results.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fance Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-14
Sampled: 12/11/2003
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 24
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03.13

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and results.

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Project: 1989-1
Fance Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-8
Sampled: 12/11/2003 12:51
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 25
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03.13

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and results.

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Project: 1989-1
Fance Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-3
Sampled: 12/11/2003 13:03
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 26
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03.13

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and results.

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Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-4 Lab ID: 2003-12-0480 - 27
Sampled: 12/11/2003 13:17 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-DDT	3.0	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-DDE	7.2	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Endosulfan sulfate	2.6	2.0	ug/Kg	1.00	12/17/2003 13:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 13:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 13:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	63.6	50-125	%	1.00	12/17/2003 13:47	
Decachlorobiphenyl (Pest/8081)	85.4	46-142	%	1.00	12/17/2003 13:47	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-6 Lab ID: 2003-12-0480 - 28
Sampled: 12/11/2003 13:53 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-DDT	15	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-DDE	ND	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 14:18	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:18	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:18	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 14:18	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 14:18	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Toxaphene	ND	500	ug/Kg	5.00	12/17/2003 14:18	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 14:18	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:18	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:18	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	149.0	50-125	%	5.00	12/17/2003 14:18	s
Decachlorobiphenyl (Pest/8081)	101.2	46-142	%	5.00	12/17/2003 14:18	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-15 Lab ID: 2003-12-0480 - 29
Sampled: 12/11/2003 14:15 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-DDT	4.4	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-DDE	12	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Endosulfan sulfate	2.0	2.0	ug/Kg	1.00	12/18/2003 16:41	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 16:41	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 16:41	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 16:41	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	79.1	50-125	%	1.00	12/18/2003 16:41	
Decachlorobiphenyl (Pest/8081)	66.1	46-142	%	1.00	12/18/2003 16:41	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-16 Lab ID: 2003-12-0480 - 30
Sampled: 12/11/2003 14:28 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
4,4'-DDE	3.6	2.0	ug/Kg	1.00	12/17/2003 15:20	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Endosulfan sulfate	3.6	2.0	ug/Kg	1.00	12/17/2003 15:20	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 15:20	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 15:20	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 15:20	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	108.0	50-125	%	1.00	12/17/2003 15:20	
Decachlorobiphenyl (Pest/8081)	86.0	46-142	%	1.00	12/17/2003 15:20	

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Organochlorine Pesticides Analysis

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Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-17 Lab ID: 2003-12-0480 - 31
Sampled: 12/11/2003 14:42 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-DDT	2.3	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-DDE	9.2	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Endosulfan sulfate	2.4	2.0	ug/Kg	1.00	12/18/2003 17:13	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 17:13	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 17:13	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 17:13	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	83.5	50-125	%	1.00	12/18/2003 17:13	
Decachlorobiphenyl (Pest/8081)	65.1	46-142	%	1.00	12/18/2003 17:13	

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Organochlorine Pesticides Analysis

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Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-20 Lab ID: 2003-12-0480 - 32
Sampled: 12/11/2003 15:11 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-DDT	19	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-DDE	78	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 16:22	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 16:22	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 16:22	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 16:22	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 16:22	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Toxaphene	ND	500	ug/Kg	5.00	12/17/2003 16:22	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 16:22	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 16:22	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 16:22	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	141.8	50-125	%	5.00	12/17/2003 16:22	s
Decachlorobiphenyl (Pest/8081)	97.8	46-142	%	5.00	12/17/2003 16:22	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11 Lab ID: 2003-12-0480 - 33
Sampled: 12/11/2003 15:25 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Dieldrin	61	20	ug/Kg	10.00	12/18/2003 14:37	
Endrin aldehyde	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endrin	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endrin ketone	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Heptachlor	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Heptachlor epoxide	ND	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-DDT	270	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-DDE	500	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-DDD	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endosulfan I	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endosulfan II	ND	20	ug/Kg	10.00	12/18/2003 14:37	
alpha-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:37	
beta-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:37	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	12/18/2003 14:37	
delta-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Endosulfan sulfate	26	20	ug/Kg	10.00	12/18/2003 14:37	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Toxaphene	2200	1000	ug/Kg	10.00	12/18/2003 14:37	
Chlordane (Technical)	ND	500	ug/Kg	10.00	12/18/2003 14:37	
alpha-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:37	
gamma-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:37	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	12/18/2003 14:37	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	12/18/2003 14:37	

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Organochlorine Pesticides Analysis

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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoee Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-10 Lab ID: 2003-12-0480 - 34
Sampled: 12/11/2003 15:46 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-DDT	11	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-DDE	20	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 14:06	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 14:06	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 14:06	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 14:06	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 14:06	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 14:06	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 14:06	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 14:06	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 14:06	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	106.2	50-125	%	5.00	12/18/2003 14:06	
Decachlorobiphenyl (Pest/8081)	101.1	46-142	%	5.00	12/18/2003 14:06	

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Organochlorine Pesticides Analysis

Lowmyer & Associates Mountain View
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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-9 Lab ID: 2003-12-0480 - 35
Sampled: 12/11/2003 16:02 Extracted: 12/16/2003 16:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc. with their respective concentrations and analysis dates.

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-13 Lab ID: 2003-12-0480 - 36
Sampled: 12/11/2003 16:16 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides with concentrations and analysis dates.

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-18 Lab ID: 2003-12-0480 - 37
Sampled: 12/11/2003 16:36 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides with concentrations and analysis dates.

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Project: 1989-1
Fanoce Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-19 Lab ID: 2003-12-0480 - 38
Sampled: 12/11/2003 16:52 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides with concentrations and analysis dates.

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Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-12 Lab ID: 2003-12-0480 - 39
Sampled: 12/11/2003 17:05 Extracted: 12/18/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Dieldrin	4.5	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
4,4'-DDT	11	2.0	ug/Kg	1.00	12/18/2003 15:42	
4,4'-DDE	32	2.0	ug/Kg	1.00	12/18/2003 15:42	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Endosulfan sulfate	2.0	2.0	ug/Kg	1.00	12/18/2003 15:42	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Toxaphene	270	100	ug/Kg	1.00	12/18/2003 15:42	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 15:42	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 15:42	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	113.4	50-125	%	1.00	12/18/2003 15:42	
Decachlorobiphenyl (Pest/8081)	81.6	46-142	%	1.00	12/18/2003 15:42	

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Organochlorine Pesticides AnalysisLowney & Associates Mountain View
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Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-1 Lab ID: 2003-12-0480 - 40
Sampled: 12/11/2003 17:17 Extracted: 12/17/2003 12:11
Matrix: Soil QC Batch#: 2003/12/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Dieldrin	3.0	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
4,4'-DDE	5.4	2.0	ug/Kg	1.00	12/18/2003 10:55	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Endosulfan sulfate	2.5	2.0	ug/Kg	1.00	12/18/2003 10:55	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Toxaphene	130	100	ug/Kg	1.00	12/18/2003 10:55	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 10:55	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:55	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	100.7	50-125	%	1.00	12/18/2003 10:55	
Decachlorobiphenyl (Pest/8081)	79.0	46-142	%	1.00	12/18/2003 10:55	

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Organochlorine Pesticides AnalysisLowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-2 Lab ID: 2003-12-0480 - 41
Sampled: 12/11/2003 17:36 Extracted: 12/17/2003 12:11
Matrix: Soil QC Batch#: 2003/12/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-DDT	21	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-DDE	91	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 15:08	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:08	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:08	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 15:08	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Toxaphene	ND	500	ug/Kg	5.00	12/18/2003 15:08	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 15:08	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:08	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.3	50-125	%	5.00	12/18/2003 15:08	
Decachlorobiphenyl (Pest/8081)	92.7	46-142	%	5.00	12/18/2003 15:08	

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Organochlorine Pesticides AnalysisLowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC ReportPrep(s): 3550/8081 Test(s): 8081
Method Blank Lab ID: 2003/12/15-01.13
MB: 2003/12/15-01.13-001 Soil QC Batch # 2003/12/15-01.13
Date Extracted: 12/15/2003 12:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/16/2003 19:28	
Dieldrin	ND	2.0	ug/Kg	12/16/2003 19:28	
Endrin aldehyde	ND	2.0	ug/Kg	12/16/2003 19:28	
Endrin	ND	2.0	ug/Kg	12/16/2003 19:28	
Endrin ketone	ND	2.0	ug/Kg	12/16/2003 19:28	
Heptachlor	ND	2.0	ug/Kg	12/16/2003 19:28	
Heptachlor epoxide	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-DDT	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-DDE	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-DDD	ND	2.0	ug/Kg	12/16/2003 19:28	
Endosulfan I	ND	2.0	ug/Kg	12/16/2003 19:28	
Endosulfan II	ND	2.0	ug/Kg	12/16/2003 19:28	
alpha-BHC	ND	2.0	ug/Kg	12/16/2003 19:28	
beta-BHC	ND	2.0	ug/Kg	12/16/2003 19:28	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/16/2003 19:28	
delta-BHC	ND	2.0	ug/Kg	12/16/2003 19:28	
Endosulfan sulfate	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/16/2003 19:28	
Toxaphene	ND	100	ug/Kg	12/16/2003 19:28	
Chlordane (Technical)	ND	50	ug/Kg	12/16/2003 19:28	
alpha-Chlordane	ND	2.0	ug/Kg	12/16/2003 19:28	
gamma-Chlordane	ND	2.0	ug/Kg	12/16/2003 19:28	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	88.7	50-125	%	12/16/2003 19:28	
Decachlorobiphenyl (Pest/8081)	93.1	46-142	%	12/16/2003 19:28	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/16-03.13
MB: 2003/12/16-03.13-001 Date Extracted: 12/16/2003 18:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/17/2003 09:21	
Dieldrin	ND	2.0	ug/Kg	12/17/2003 09:21	
Endrin aldehyde	ND	2.0	ug/Kg	12/17/2003 09:21	
Endrin	ND	2.0	ug/Kg	12/17/2003 09:21	
Endrin ketone	ND	2.0	ug/Kg	12/17/2003 09:21	
Heptachlor	ND	2.0	ug/Kg	12/17/2003 09:21	
Heptachlor epoxide	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-DDT	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-DDE	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-DDD	ND	2.0	ug/Kg	12/17/2003 09:21	
Endosulfan I	ND	2.0	ug/Kg	12/17/2003 09:21	
Endosulfan II	ND	2.0	ug/Kg	12/17/2003 09:21	
alpha-BHC	ND	2.0	ug/Kg	12/17/2003 09:21	
beta-BHC	ND	2.0	ug/Kg	12/17/2003 09:21	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/17/2003 09:21	
delta-BHC	ND	2.0	ug/Kg	12/17/2003 09:21	
Endosulfan sulfate	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/17/2003 09:21	
Toxaphene	ND	100	ug/Kg	12/17/2003 09:21	
Chlordane (Technical)	ND	50	ug/Kg	12/17/2003 09:21	
alpha-Chlordane	ND	2.0	ug/Kg	12/17/2003 09:21	
gamma-Chlordane	ND	2.0	ug/Kg	12/17/2003 09:21	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	87.2	50-125	%	12/17/2003 09:21	
Decachlorobiphenyl (Pest/8081)	84.5	46-142	%	12/17/2003 09:21	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/17-01.13
MB: 2003/12/17-01.13-001 Date Extracted: 12/17/2003 12:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Dieldrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin aldehyde	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin ketone	ND	2.0	ug/Kg	12/18/2003 09:22	
Heptachlor	ND	2.0	ug/Kg	12/18/2003 09:22	
Heptachlor epoxide	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDT	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDE	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDD	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan I	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan II	ND	2.0	ug/Kg	12/18/2003 09:22	
alpha-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
beta-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/18/2003 09:22	
delta-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan sulfate	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/18/2003 09:22	
Toxaphene	ND	100	ug/Kg	12/18/2003 09:22	
Chlordane (Technical)	ND	50	ug/Kg	12/18/2003 09:22	
alpha-Chlordane	ND	2.0	ug/Kg	12/18/2003 09:22	
gamma-Chlordane	ND	2.0	ug/Kg	12/18/2003 09:22	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	55.5	50-125	%	12/18/2003 09:22	
Decachlorobiphenyl (Pest/8081)	76.9	46-142	%	12/18/2003 09:22	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Laboratory Control Spike Soil QC Batch # 2003/12/15-01.13

LCS 2003/12/15-01.13-002 Extracted: 12/15/2003 Analyzed: 12/16/2003 19:59
LCSD 2003/12/15-01.13-003 Extracted: 12/15/2003 Analyzed: 12/16/2003 20:30

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Crtf. Limits %		Flags
	LCS	LCSD		LCS	LCSD		% Rec.	RPD	
Aldrin	13.5	13.2	16.6	81.3	79.5	2.2	37-136	35	
Dieldrin	13.7	13.4	16.6	82.5	80.7	2.2	58-135	35	
Endrin	14.1	14.1	16.6	84.9	84.9	0.0	58-134	35	
Heptachlor	13.4	13.3	16.6	80.7	80.1	0.7	40-136	35	
4,4'-DDT	13.8	13.6	16.6	83.1	81.9	1.5	55-132	35	
gamma-BHC (Lindane)	13.4	13.1	16.6	80.7	78.9	2.3	37-137	35	
Surrogates(s)									
2,4,5,6-Tetrachloro-m-xylene	46.1	42.5	50	92.1	84.9		50-125	0	
Decachlorobiphenyl	46.8	45.6	50	93.6	91.2		46-142	0	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081
Laboratory Control Spike Soil QC Batch # 2003/12/16-03.13

LCS 2003/12/16-03.13-002 Extracted: 12/16/2003 Analyzed: 12/17/2003 09:51
LCSD 2003/12/16-03.13-003 Extracted: 12/16/2003 Analyzed: 12/17/2003 10:22

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Crtf. Limits %		Flags
	LCS	LCSD		LCS	LCSD		% Rec.	RPD	
Aldrin	13.0	11.1	16.6	78.3	66.5	16.3	37-136	35	
Dieldrin	12.9	11.5	16.6	77.7	68.9	12.0	58-135	35	
Endrin	13.9	12.6	16.6	83.7	75.4	10.4	58-134	35	
Heptachlor	13.3	11.3	16.6	80.1	67.7	16.8	40-136	35	
4,4'-DDT	13.1	11.9	16.6	78.9	71.3	10.1	55-132	35	
gamma-BHC (Lindane)	12.8	11.0	16.6	77.1	65.9	15.7	37-137	35	
Surrogates(s)									
2,4,5,6-Tetrachloro-m-xylene	49.9	43.6	50	99.8	87.2		50-125	0	
Decachlorobiphenyl	43.9	40.9	50	87.8	81.8		46-142	0	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2003/12/17-01.13
LCS 2003/12/17-01.13-002 Extracted: 12/17/2003 Analyzed: 12/18/2003 09:53
LCS 2003/12/17-01.13-003 Extracted: 12/17/2003 Analyzed: 12/18/2003 10:24

Compound	Conc.		Exp.Conc.	Recovery %			RPD		Cir.Limits %		Flags
	LCS	LCS D		LCS	LCS D	%	Rec.	RPD	LCS	LCS D	
Aldrin	11.3	11.9	16.5	66.5	72.1	5.1	37-136	35			
Dieldrin	10.6	11.2	16.5	64.2	67.9	5.6	58-135	35			
Endrin	11.9	12.5	16.5	72.1	75.6	5.0	58-134	35			
Heptachlor	11.9	12.9	16.5	72.1	78.2	6.1	40-136	35			
4,4'-DDT	10.3	10.5	16.5	62.4	63.6	1.9	55-132	35			
gamma-BHC (Lindane)	12.5	12.8	16.5	75.8	77.6	2.3	37-137	35			
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	42.7	28.0	50	65.4	56.1		50-125	0			
Decachlorobiphenyl	37.8	40.1	50	75.7	80.1		46-142	0			

Severn Trent Laboratories, Inc.
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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2786
Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/16-01.13

DD-3 >> MS Lab ID: 2003-12-0480 - 008
MS: 2003/12/15-01.13-004 Extracted: 12/15/2003 Analyzed: 12/17/2003 01:41
Dilution: 1.00
MSD: 2003/12/15-01.13-005 Extracted: 12/15/2003 Analyzed: 12/17/2003 02:12
Dilution: 1.00

Compound	Conc.		Spk.Level	Recovery %			Limits %		Flags
	MS	MSD		Sample	MS	MSD	RPD	Rec.	
Aldrin	13.2	12.9	ND	16.5	80.0	77.2	3.6	37-136	35
Dieldrin	14.1	13.7	ND	16.5	85.6	82.0	4.2	58-135	35
Endrin	14.3	14.0	ND	16.5	86.7	83.8	3.4	58-134	35
Heptachlor	13.2	13.2	ND	16.5	80.0	79.0	1.3	40-136	35
4,4'-DDT	21.3	21.4	5.50	16.5	95.8	95.2	0.6	55-132	35
gamma-BHC (Lindane)	13.2	12.9	ND	16.5	80.0	77.2	3.6	37-137	35
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	45.2	45.1		50	90.5	90.2		50-125	0
Decachlorobiphenyl	42.1	41.1		50	84.3	82.3		46-142	0

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2786
Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/16-03.13

DP-11 >> MS Lab ID: 2003-12-0480 - 020
MS: 2003/12/16-03.13-004 Extracted: 12/16/2003 Analyzed: 12/17/2003 11:34
Dilution: 5.00
MSD: 2003/12/16-03.13-005 Extracted: 12/16/2003 Analyzed: 12/17/2003 12:05
Dilution: 5.00

Compound	Conc.		Spk.Level	Recovery %			Limits %		Flags
	MS	MSD		Sample	MS	MSD	RPD	Rec.	
Aldrin	14.4	13.9	ND	16.6	86.7	83.2	4.1	37-136	35
Dieldrin	15.6	15.3	ND	16.6	94.0	91.6	2.6	58-135	35
Endrin	13.4	13.3	ND	16.6	80.7	79.6	1.4	58-134	35
Heptachlor	14.6	14.1	ND	16.6	88.0	84.4	4.2	40-136	35
4,4'-DDT	16.5	18.0	ND	16.6	111.4	107.8	3.3	55-132	35
gamma-BHC (Lindane)	14.8	14.3	ND	16.6	89.2	85.6	4.1	37-137	35
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	52.2	50.4		50	104.5	100.8		50-125	0
Decachlorobiphenyl	47.6	47.0		50	95.2	94.1		46-142	0

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2786
Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/17-01.13

AG-1 >> MS Lab ID: 2003-12-0480 - 040
MS: 2003/12/17-01.13-004 Extracted: 12/17/2003 Analyzed: 12/18/2003 11:26
Dilution: 1.00
MSD: 2003/12/17-01.13-005 Extracted: 12/17/2003 Analyzed: 12/18/2003 11:57
Dilution: 1.00

Compound	Conc.		Spk.Level	Recovery %			Limits %		Flags
	MS	MSD		Sample	MS	MSD	RPD	Rec.	
Aldrin	11.9	11.9	ND	16.5	72.1	71.7	0.6	37-136	35
Dieldrin	13.4	12.5	2.97	16.5	63.2	57.4	9.6	58-135	35
Endrin	16.7	12.7	ND	16.5	101.2	76.5	27.8	58-134	35
Heptachlor	11.9	11.5	ND	16.5	72.1	69.3	4.0	40-136	35
4,4'-DDT	14.1	11.2	ND	16.5	85.5	67.5	23.5	55-132	35
gamma-BHC (Lindane)	12.7	11.5	ND	16.5	77.0	69.3	10.5	37-137	35
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	57.7	43.8		50	115.4	87.5		50-125	0
Decachlorobiphenyl	42.4	42.2		50	84.9	84.3		46-142	0

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785
Project: 1989-1
Fanco Ranch

Received: 12/12/2003 09:46

Submission #: 2003-12-0480

Legend and Notes

Analysis Flag

Im

Reporting limits raised due to high level of non-target analyte materials.

edo

Surrogate(s) diluted out

Result Flag

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

s

One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Severn Trent Laboratories, Inc.
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12/19/2003 17:02

Page 53 of 53

LOWNEY ASSOCIATES
Environmental/Chemical/Engineering Services
405 Clyde Ave.
Mountain View 94043
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Fax: 650.967.2785
167 Filbert St.
Oakland 94607
Tel: 510.267.1970
Fax: 510.267.1970
251 E. Imperial Hwy. #470
Fullerton 92633
Tel: 714.441.3090
Fax: 714.441.3091
2258 Camino Ramon
San Ramon 94583
Tel: 925.275.2555
Fax: 925.275.2555

Table with columns: Sample ID, Date, Time, Lab ID, Sample Matrix, No. of Cont., Turnaround Requirements, and various test results (TPH, TRPH, VOCs, etc.). Includes handwritten notes and signatures.

LOWNEY ASSOCIATES
Environmental/Chemical/Engineering Services
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Oakland 94607
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San Ramon 94583
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Fax: 925.275.2555

Table with columns: Sample ID, Date, Time, Lab ID, Sample Matrix, No. of Cont., Turnaround Requirements, and various test results (TPH, TRPH, VOCs, etc.). Includes handwritten notes and signatures.

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Environmental/Chemical/Engineering Services
405 Clyde Ave.
Mountain View Office
167 Filbert St.
Oakland Office
251 E. Imperial Hwy. #470
Fullerton Office
San Ramon Office

Table with columns: Sample ID, Date, Time, Lab ID, Sample Matrix, No. of Cont., Turnaround Requirements, and various test results (TPH, TRPH, VOCs, etc.). Includes handwritten notes and signatures.

CHAIN OF CUSTODY RECORD

Project Name: Fanoes Ranch
 Job No.: 1989-1
 Report To: Mr. Tom McCloskey
 Sampler (print): Kevin L. McIvanna
 Sampler (signature): *[Signature]*

Electronic Deliverable Format Required: YES NO
 LAMV LAO LAF

Global ID #: _____

Turnaround Requirements:
 5 Working Days
 48 Hours
 24 Hours
 2-3 Hours RUSH

OC Requirements:
 Level A (standard)

Sample I.D. (Field Point Name)	Date	Time	Lab I.D.	Sample Matrix	No. of Cont.	Remarks
K4-19	12/10/03	16:36		Soil	1	
K4-19		16:52			1	
A4-12		17:05			1	
A4-1		17:17			1	
K4-2		17:36			1	

Analyses Requested:
 TPH as gas/BTEX/MTBE Method: 8015/8021 CB260
 TPH as diesel gel column Cadd Oil Range Method: 8021 CB260
 TRPH (418.1) with silica gel column Method: 8021 CB260
 Halogenated VOCs (former 8010 list) Method: 8021 CB260
 Organochlorine Pesticides (8081)
 Metals: Cd, As, Pb, Hg, D17 CAM
 TBA, 1,2-DCM, and EDB by 8260
 PAHs (8310)
 PCBs (8082)
 Pb, Hg, As (EPA 6010/7000)

Relinquished By: *[Signature]* Date: 12/12/03 Time: 09:45
 Relinquished By: *[Signature]* Date: 12/12/03 Time: 07:45

SEVERN TRENT STL

Submission #: 2003-12-0480

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
 Attn.: Tom McCloskey
 405 Clyde Avenue
 Mountain View, CA 94043-2209
 Phone: (650) 967-2365 Fax: (650) 967-2785
 Project: 1989-1 Fanoes Ranch
 Received: 12/12/2003 09:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
DD-2	12/10/2003 14:12	Soil	1
P-1	12/10/2003 14:55	Soil	2
FD-1	12/10/2003 15:45	Soil	3
P-2	12/10/2003 16:10	Soil	4
P-5	12/10/2003 16:22	Soil	5
DD-1	12/10/2003 16:40	Soil	6
PFA-1	12/10/2003 16:55	Soil	7
DD-3	12/10/2003 17:12	Soil	8
P-4	12/11/2003 08:17	Soil	9
DP-1	12/11/2003 09:15	Soil	10
DP-2	12/11/2003 09:18	Soil	11
DP-3	12/11/2003 09:21	Soil	12
DP-4	12/11/2003 09:44	Soil	13
DP-5	12/11/2003 09:47	Soil	14
DP-6	12/11/2003 09:51	Soil	15
DP-7	12/11/2003 10:08	Soil	16
DP-8	12/11/2003 10:12	Soil	17
DP-9	12/11/2003 10:16	Soil	18
DP-10	12/11/2003 10:28	Soil	19
DP-11	12/11/2003 10:32	Soil	20
DP-12	12/11/2003 10:36	Soil	21
AG-6	12/11/2003 11:50	Soil	22
AG-7	12/11/2003 12:11	Soil	23
AG-14	12/11/2003	Soil	24
AG-8	12/11/2003 12:51	Soil	25
AG-3	12/11/2003 13:03	Soil	26
AG-4	12/11/2003 13:17	Soil	27
AG-6	12/11/2003 13:53	Soil	28
AG-15	12/11/2003 14:15	Soil	29
AG-16	12/11/2003 14:28	Soil	30
AG-17	12/11/2003 14:42	Soil	31
AG-20	12/11/2003 15:11	Soil	32
AG-11	12/11/2003 15:25	Soil	33

SEVERN TRENT STL

Submission #: 2003-12-0480

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
 Attn.: Tom McCloskey
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 Mountain View, CA 94043-2209
 Phone: (650) 967-2365 Fax: (650) 967-2785
 Project: 1989-1 Fanoes Ranch
 Received: 12/12/2003 09:45

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-10	12/11/2003 15:46	Soil	34
AG-9	12/11/2003 16:02	Soil	35
AG-13	12/11/2003 16:16	Soil	36
AG-18	12/11/2003 16:36	Soil	37
AG-19	12/11/2003 16:52	Soil	38
AG-12	12/11/2003 17:05	Soil	39
AG-1	12/11/2003 17:17	Soil	40
AG-2	12/11/2003 17:36	Soil	41

STL San Francisco
 Submission # 2003-12-0480
 Checklist completed by: (Initials) *[Signature]* Date: 12/13/03
 Courier name: STL San Francisco Client

Chain of custody present? Yes No
 Chain of custody signed when relinquished and received? Yes No
 Chain of custody agrees with sample labels? Yes No
 Samples in proper container/bottle? Yes No
 Sample containers intact? Yes No
 Sufficient sample volume for indicated test? Yes No
 All samples received within holding time? Yes No
 Container/Temp Blank temperature in compliance (4°C ± 2)? Yes No
 Ice Present? Yes No
 No VOA vials submitted? Yes No
 Water - VOA vials have zero headspace? Yes No
 (If bubble is present, refer to approximate bubble size and hemiz in comments as S (small - O), M (medium - O) or L (large - O))
 Water - pH acceptable upon receipt? Yes No
 pH adjusted - Preservative used: HNO₃ HCl H₂SO₄ NaOH ZnOAc - Lot # (s)
 For any item check-listed "No", provided detail of discrepancy in comment section below:
 Comments:
 Project Management [Routing for instruction of indicated discrepancy(ies)]
 Project Manager: (Initials) _____ Date: _____/_____/03
 Client contacted: Yes No
 Summary of discussion:
 Corrective Action (per PM/Client): _____

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: DD-2	Lab ID: 2003-12-0480 - 1
Sampled: 12/10/2003 14:12	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Dieldrin	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endrin	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Heptachlor	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-DDE	2.1	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
beta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
delta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Toxaphene	ND	100	ug/Kg	1.00	12/16/2003 21:33	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/16/2003 21:33	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 21:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	89.5	50-125	%	1.00	12/16/2003 21:33	
Decachlorobiphenyl (Pest/8081)	86.7	46-142	%	1.00	12/16/2003 21:33	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

405 Clyde Avenue
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: P-1	Lab ID: 2003-12-0480 - 2
Sampled: 12/10/2003 14:55	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Dieldrin	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endrin	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Heptachlor	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
beta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
delta-BHC	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Toxaphene	ND	100	ug/Kg	1.00	12/16/2003 22:04	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/16/2003 22:04	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/16/2003 22:04	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	92.8	50-125	%	1.00	12/16/2003 22:04	
Decachlorobiphenyl (Pest/8081)	89.8	46-142	%	1.00	12/16/2003 22:04	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn. Tom McCloskey

405 Clyde Avenue
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: FD-1	Lab ID: 2003-12-0480 - 3
Sampled: 12/10/2003 15:45	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Dieldrin	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endrin aldehyde	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endrin	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endrin ketone	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Heptachlor	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Heptachlor epoxide	ND	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-DDT	500	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-DDE	380	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-DDD	28	20	ug/Kg	10.00	12/18/2003 14:40	
Endosulfan I	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endosulfan II	ND	20	ug/Kg	10.00	12/18/2003 14:40	
alpha-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:40	
beta-BHC	21	20	ug/Kg	10.00	12/18/2003 14:40	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	12/18/2003 14:40	
delta-BHC	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Endosulfan sulfate	ND	20	ug/Kg	10.00	12/18/2003 14:40	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Toxaphene	ND	400	ug/Kg	10.00	12/18/2003 14:40	
Chlordane (Technical)	ND	500	ug/Kg	10.00	12/18/2003 14:40	
alpha-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:40	
gamma-Chlordane	ND	20	ug/Kg	10.00	12/18/2003 14:40	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	12/18/2003 14:40	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	12/18/2003 14:40	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081	Test(s): 8081
Sample ID: P-2	Lab ID: 2003-12-0480 - 4
Sampled: 12/10/2003 16:10	Extracted: 12/15/2003 12:49
Matrix: Soil	QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-DDE	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 08:50	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 08:50	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 08:50	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.8	50-125	%	1.00	12/17/2003 08:50	
Decachlorobiphenyl (Pest/8081)	85.3	46-142	%	1.00	12/17/2003 08:50	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

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405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: P-5 Lab ID: 2003-12-0480 - 5
 Sampled: 12/10/2003 16:22 Extracted: 12/15/2003 12:49
 Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Dieldrin	4.6	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-DDT	11	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-DDE	31	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Toxaphene	240	100	ug/Kg	1.00	12/18/2003 10:14	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 10:14	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:14	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	77.3	50-125	%	1.00	12/18/2003 10:14	
Decachlorobiphenyl (Pest/8081)	31.0	46-142	%	1.00	12/18/2003 10:14	s

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

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405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: DD-1 Lab ID: 2003-12-0480 - 6
 Sampled: 12/10/2003 16:40 Extracted: 12/15/2003 12:49
 Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Dieldrin	2.3	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDT	5.7	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDE	7.6	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 10:45	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 10:45	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 10:45	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.3	50-125	%	1.00	12/18/2003 10:45	
Decachlorobiphenyl (Pest/8081)	87.4	46-142	%	1.00	12/18/2003 10:45	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: PFA-1 Lab ID: 2003-12-0480 - 7
 Sampled: 12/10/2003 16:55 Extracted: 12/15/2003 12:49
 Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDT	26	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDE	31	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 11:16	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 11:16	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 11:16	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 11:16	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 11:16	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 11:16	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 11:16	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	105.1	50-125	%	5.00	12/18/2003 11:16	
Decachlorobiphenyl (Pest/8081)	90.9	46-142	%	5.00	12/18/2003 11:16	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

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Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
 Sample ID: DD-3 Lab ID: 2003-12-0480 - 8
 Sampled: 12/10/2003 17:12 Extracted: 12/15/2003 12:49
 Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDT	5.4	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDE	6.9	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 11:47	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 11:47	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 11:47	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	77.3	50-125	%	1.00	12/18/2003 11:47	
Decachlorobiphenyl (Pest/8081)	66.9	46-142	%	1.00	12/18/2003 11:47	

Seyvern Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/23/2004 10:37

A part of Severn Trent Plc

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: P-4 Lab ID: 2003-12-0480 - 9
Sampled: 12/11/2003 08:17 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin aldehyde, etc., with their respective concentrations and results.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-1 Lab ID: 2003-12-0480 - 10
Sampled: 12/11/2003 09:15 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin aldehyde, etc., with their respective concentrations and results.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-2 Lab ID: 2003-12-0480 - 11
Sampled: 12/11/2003 09:18 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13
Analysis Flag, Irn (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin aldehyde, etc., with their respective concentrations and results.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fancoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-3 Lab ID: 2003-12-0480 - 12
Sampled: 12/11/2003 09:21 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin aldehyde, etc., with their respective concentrations and results.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-4 Lab ID: 2003-12-0480 - 13
Sampled: 12/11/2003 09:44 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13
Analysis Flag: In (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Dieldrin	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endrin	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endrin ketone	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Heptachlor	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/16/2003 22:02	
4,4'-DDT	ND	10	ug/Kg	5.00	12/16/2003 22:02	
4,4'-DDE	ND	10	ug/Kg	5.00	12/16/2003 22:02	
4,4'-DDD	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endosulfan I	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endosulfan II	ND	10	ug/Kg	5.00	12/16/2003 22:02	
alpha-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:02	
beta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:02	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/16/2003 22:02	
delta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/16/2003 22:02	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/16/2003 22:02	
Toxaphene	ND	200	ug/Kg	5.00	12/16/2003 22:02	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/16/2003 22:02	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:02	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:02	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	80.2	50-125	%	5.00	12/16/2003 22:02	
Decachlorobiphenyl (Pest/8081)	91.3	46-142	%	5.00	12/16/2003 22:02	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-5 Lab ID: 2003-12-0480 - 14
Sampled: 12/11/2003 09:47 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13
Analysis Flag: In (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Dieldrin	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endrin	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endrin ketone	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Heptachlor	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-DDT	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-DDE	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-DDD	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endosulfan I	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endosulfan II	ND	10	ug/Kg	5.00	12/16/2003 22:33	
alpha-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:33	
beta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:33	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/16/2003 22:33	
delta-BHC	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/16/2003 22:33	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/16/2003 22:33	
Toxaphene	ND	200	ug/Kg	5.00	12/16/2003 22:33	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/16/2003 22:33	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:33	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 22:33	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	102.7	50-125	%	5.00	12/16/2003 22:33	
Decachlorobiphenyl (Pest/8081)	108.2	46-142	%	5.00	12/16/2003 22:33	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-6 Lab ID: 2003-12-0480 - 15
Sampled: 12/11/2003 09:51 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13
Analysis Flag: In (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-DDE	13	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 12:18	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 12:18	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 12:18	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 12:18	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 12:18	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 12:18	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 12:18	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 12:18	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 12:18	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 12:18	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	101.8	50-125	%	5.00	12/18/2003 12:18	
Decachlorobiphenyl (Pest/8081)	96.3	46-142	%	5.00	12/18/2003 12:18	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-7 Lab ID: 2003-12-0480 - 16
Sampled: 12/11/2003 10:08 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13
Analysis Flag: In (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Dieldrin	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endrin	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endrin ketone	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Heptachlor	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/16/2003 23:34	
4,4'-DDT	ND	10	ug/Kg	5.00	12/16/2003 23:34	
4,4'-DDE	ND	10	ug/Kg	5.00	12/16/2003 23:34	
4,4'-DDD	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endosulfan I	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endosulfan II	ND	10	ug/Kg	5.00	12/16/2003 23:34	
alpha-BHC	ND	10	ug/Kg	5.00	12/16/2003 23:34	
beta-BHC	ND	10	ug/Kg	5.00	12/16/2003 23:34	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/16/2003 23:34	
delta-BHC	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/16/2003 23:34	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/16/2003 23:34	
Toxaphene	ND	200	ug/Kg	5.00	12/16/2003 23:34	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/16/2003 23:34	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 23:34	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/16/2003 23:34	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	124.1	50-125	%	5.00	12/16/2003 23:34	
Decachlorobiphenyl (Pest/8081)	101.5	46-142	%	5.00	12/16/2003 23:34	

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-8 Lab ID: 2003-12-0480 - 17
Sampled: 12/11/2003 10:12 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
4,4'-DDE	2.3	2.0	ug/Kg	1.00	12/18/2003 12:50	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 12:50	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 12:50	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 12:50	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	81.3	50-125	%	1.00	12/18/2003 12:50	
Decachlorobiphenyl (Pest/8081)	75.7	46-142	%	1.00	12/18/2003 12:50	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-9 Lab ID: 2003-12-0480 - 18
Sampled: 12/11/2003 10:16 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Dieldrin	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endrin	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Heptachlor	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
4,4'-DDE	2.0	2.0	ug/Kg	1.00	12/18/2003 13:21	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
beta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
delta-BHC	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Endosulfan sulfate	3.1	2.0	ug/Kg	1.00	12/18/2003 13:21	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
Toxaphene	ND	100	ug/Kg	1.00	12/18/2003 13:21	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/18/2003 13:21	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/18/2003 13:21	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	87.9	50-125	%	1.00	12/18/2003 13:21	
Decachlorobiphenyl (Pest/8081)	77.1	46-142	%	1.00	12/18/2003 13:21	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-10 Lab ID: 2003-12-0480 - 19
Sampled: 12/11/2003 10:28 Extracted: 12/15/2003 12:49
Matrix: Soil QC Batch#: 2003/12/15-01.13
Analysis Flag: Im (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-DDE	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 01:07	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 01:07	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 01:07	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 01:07	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 01:07	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 01:07	
Toxaphene	ND	200	ug/Kg	5.00	12/17/2003 01:07	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 01:07	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 01:07	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 01:07	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	101.1	50-125	%	5.00	12/17/2003 01:07	
Decachlorobiphenyl (Pest/8081)	113.1	46-142	%	5.00	12/17/2003 01:07	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-11 Lab ID: 2003-12-0480 - 20
Sampled: 12/11/2003 10:32 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDE	15	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 15:39	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 15:39	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 15:39	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 15:39	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 15:39	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 15:39	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:39	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:39	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	103.1	50-125	%	5.00	12/18/2003 15:39	
Decachlorobiphenyl (Pest/8081)	92.6	46-142	%	5.00	12/18/2003 15:39	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DP-12 Lab ID: 2003-12-0480 - 21
Sampled: 12/11/2003 10:36 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDT	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDE	23	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 16:10	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 16:10	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 16:10	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 16:10	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 16:10	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 16:10	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 16:10	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	102.4	50-125	%	5.00	12/18/2003 16:10	
Decachlorobiphenyl (Pest/8081)	89.4	46-142	%	5.00	12/18/2003 16:10	

Organochlorine Pesticides Analysis

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-6 Lab ID: 2003-12-0480 - 22
Sampled: 12/11/2003 11:50 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-DDE	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 13:07	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 13:07	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 13:07	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 13:07	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 13:07	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Toxaphene	ND	200	ug/Kg	5.00	12/17/2003 13:07	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 13:07	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 13:07	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 13:07	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	101.4	50-125	%	5.00	12/17/2003 13:07	
Decachlorobiphenyl (Pest/8081)	94.6	46-142	%	5.00	12/17/2003 13:07	

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-7 Lab ID: 2003-12-0480 - 23
Sampled: 12/11/2003 12:11 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Dieldrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endrin	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endrin ketone	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Heptachlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
4,4'-DDT	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
4,4'-DDE	4.0	2.0	ug/Kg	1.00	12/17/2003 13:38	
4,4'-DDD	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endosulfan I	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endosulfan II	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
alpha-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
beta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
delta-BHC	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Toxaphene	ND	100	ug/Kg	1.00	12/17/2003 13:38	
Chlordane (Technical)	ND	50	ug/Kg	1.00	12/17/2003 13:38	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	12/17/2003 13:38	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	95.7	50-125	%	1.00	12/17/2003 13:38	
Decachlorobiphenyl (Pest/8081)	70.0	46-142	%	1.00	12/17/2003 13:38	

Organochlorine Pesticides Analysis

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-14 Lab ID: 2003-12-0480 - 24
Sampled: 12/11/2003 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Dieldrin	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endrin	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endrin ketone	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Heptachlor	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/17/2003 14:09	
4,4'-DDT	ND	10	ug/Kg	5.00	12/17/2003 14:09	
4,4'-DDE	11	10	ug/Kg	5.00	12/17/2003 14:09	
4,4'-DDD	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endosulfan I	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endosulfan II	ND	10	ug/Kg	5.00	12/17/2003 14:09	
alpha-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:09	
beta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:09	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/17/2003 14:09	
delta-BHC	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/17/2003 14:09	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Toxaphene	ND	200	ug/Kg	5.00	12/17/2003 14:09	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/17/2003 14:09	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:09	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/17/2003 14:09	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	104.6	50-125	%	5.00	12/17/2003 14:09	
Decachlorobiphenyl (Pest/8081)	106.1	46-142	%	5.00	12/17/2003 14:09	

Organochlorine Pesticides Analysis

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Fanoe Ranch

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Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-8 Lab ID: 2003-12-0480 - 25
Sampled: 12/11/2003 12:51 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13
Analysis Flag: In (See Legend and Note Section)

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-3 Lab ID: 2003-12-0480 - 26
Sampled: 12/11/2003 13:03 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-4 Lab ID: 2003-12-0480 - 27
Sampled: 12/11/2003 13:17 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-6 Lab ID: 2003-12-0480 - 28
Sampled: 12/11/2003 13:53 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-15
Sampled: 12/11/2003 14:15
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 29
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

Organochlorine Pesticides Analysis

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Fanoes Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-16
Sampled: 12/11/2003 14:28
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 30
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

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Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-17
Sampled: 12/11/2003 14:42
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 31
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

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Received: 12/12/2003 09:45

Prep(s): 3550/8081
Sample ID: AG-20
Sampled: 12/11/2003 15:11
Matrix: Soil
Test(s): 8081
Lab ID: 2003-12-0480 - 32
Extracted: 12/16/2003 18:16
QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc.

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Project: 1989-1
Fanoec Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11 Lab ID: 2003-12-0480 - 33
Sampled: 12/11/2003 15:25 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Analysis Flag: sdo (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoec Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-10 Lab ID: 2003-12-0480 - 34
Sampled: 12/11/2003 15:46 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1
Fanoec Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-9 Lab ID: 2003-12-0480 - 35
Sampled: 12/11/2003 16:02 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1
Fanoec Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-13 Lab ID: 2003-12-0480 - 36
Sampled: 12/11/2003 16:16 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-18 Lab ID: 2003-12-0480 - 37
Sampled: 12/11/2003 16:36 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13
Analysis Flag: Im (See Legend and Note Section)

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-19 Lab ID: 2003-12-0480 - 38
Sampled: 12/11/2003 16:52 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Fanoe Ranch

Received 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-12 Lab ID: 2003-12-0480 - 39
Sampled: 12/11/2003 17:05 Extracted: 12/16/2003 18:16
Matrix: Soil QC Batch#: 2003/12/16-03.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-1 Lab ID: 2003-12-0480 - 40
Sampled: 12/11/2003 17:17 Extracted: 12/17/2003 12:11
Matrix: Soil QC Batch#: 2003/12/17-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

Attn.: Tom McCloskey

405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-2 Lab ID: 2003-12-0480 - 41
Sampled: 12/11/2003 17:36 Extracted: 12/17/2003 12:11
Matrix: Soil QC Batch#: 2003/12/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Dieldrin	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endrin aldehyde	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endrin	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endrin ketone	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Heptachlor	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Heptachlor epoxide	ND	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-DDT	21	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-DDE	91	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-DDD	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endosulfan I	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endosulfan II	ND	10	ug/Kg	5.00	12/18/2003 15:08	
alpha-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:08	
beta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:08	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	12/18/2003 15:08	
delta-BHC	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Endosulfan sulfate	ND	10	ug/Kg	5.00	12/18/2003 15:08	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Toxaphene	ND	200	ug/Kg	5.00	12/18/2003 15:08	
Chlordane (Technical)	ND	250	ug/Kg	5.00	12/18/2003 15:08	
alpha-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:08	
gamma-Chlordane	ND	10	ug/Kg	5.00	12/18/2003 15:08	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	97.3	50-125	%	5.00	12/18/2003 15:08	
Decachlorobiphenyl (Pest/8081)	92.7	46-142	%	5.00	12/18/2003 15:08	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report
Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/15-01.13
MB: 2003/12/15-01.13-001 Date Extracted: 12/15/2003 12:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/16/2003 19:28	
Dieldrin	ND	2.0	ug/Kg	12/16/2003 19:28	
Endrin aldehyde	ND	2.0	ug/Kg	12/16/2003 19:28	
Endrin	ND	2.0	ug/Kg	12/16/2003 19:28	
Endrin ketone	ND	2.0	ug/Kg	12/16/2003 19:28	
Heptachlor	ND	2.0	ug/Kg	12/16/2003 19:28	
Heptachlor epoxide	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-DDT	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-DDE	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-DDD	ND	2.0	ug/Kg	12/16/2003 19:28	
Endosulfan I	ND	2.0	ug/Kg	12/16/2003 19:28	
Endosulfan II	ND	2.0	ug/Kg	12/16/2003 19:28	
alpha-BHC	ND	2.0	ug/Kg	12/16/2003 19:28	
beta-BHC	ND	2.0	ug/Kg	12/16/2003 19:28	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/16/2003 19:28	
delta-BHC	ND	2.0	ug/Kg	12/16/2003 19:28	
Endosulfan sulfate	ND	2.0	ug/Kg	12/16/2003 19:28	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/16/2003 19:28	
Toxaphene	ND	100	ug/Kg	12/16/2003 19:28	
Chlordane (Technical)	ND	50	ug/Kg	12/16/2003 19:28	
alpha-Chlordane	ND	2.0	ug/Kg	12/16/2003 19:28	
gamma-Chlordane	ND	2.0	ug/Kg	12/16/2003 19:28	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	88.7	50-125	%	12/16/2003 19:28	
Decachlorobiphenyl (Pest/8081)	93.1	46-142	%	12/16/2003 19:28	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

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Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report
Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/16-03.13
MB: 2003/12/16-03.13-001 Date Extracted: 12/16/2003 18:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/17/2003 09:21	
Dieldrin	ND	2.0	ug/Kg	12/17/2003 09:21	
Endrin aldehyde	ND	2.0	ug/Kg	12/17/2003 09:21	
Endrin	ND	2.0	ug/Kg	12/17/2003 09:21	
Endrin ketone	ND	2.0	ug/Kg	12/17/2003 09:21	
Heptachlor	ND	2.0	ug/Kg	12/17/2003 09:21	
Heptachlor epoxide	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-DDT	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-DDE	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-DDD	ND	2.0	ug/Kg	12/17/2003 09:21	
Endosulfan I	ND	2.0	ug/Kg	12/17/2003 09:21	
Endosulfan II	ND	2.0	ug/Kg	12/17/2003 09:21	
alpha-BHC	ND	2.0	ug/Kg	12/17/2003 09:21	
beta-BHC	ND	2.0	ug/Kg	12/17/2003 09:21	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/17/2003 09:21	
delta-BHC	ND	2.0	ug/Kg	12/17/2003 09:21	
Endosulfan sulfate	ND	2.0	ug/Kg	12/17/2003 09:21	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/17/2003 09:21	
Toxaphene	ND	100	ug/Kg	12/17/2003 09:21	
Chlordane (Technical)	ND	50	ug/Kg	12/17/2003 09:21	
alpha-Chlordane	ND	2.0	ug/Kg	12/17/2003 09:21	
gamma-Chlordane	ND	2.0	ug/Kg	12/17/2003 09:21	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	87.2	50-125	%	12/17/2003 09:21	
Decachlorobiphenyl (Pest/8081)	84.5	46-142	%	12/17/2003 09:21	

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report
Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2003/12/17-01.13
MB: 2003/12/17-01.13-001 Date Extracted: 12/17/2003 12:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Dieldrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin aldehyde	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin	ND	2.0	ug/Kg	12/18/2003 09:22	
Endrin ketone	ND	2.0	ug/Kg	12/18/2003 09:22	
Heptachlor	ND	2.0	ug/Kg	12/18/2003 09:22	
Heptachlor epoxide	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDT	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDE	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-DDD	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan I	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan II	ND	2.0	ug/Kg	12/18/2003 09:22	
alpha-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
beta-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	12/18/2003 09:22	
delta-BHC	ND	2.0	ug/Kg	12/18/2003 09:22	
Endosulfan sulfate	ND	2.0	ug/Kg	12/18/2003 09:22	
4,4'-Methoxychlor	ND	2.0	ug/Kg	12/18/2003 09:22	
Toxaphene	ND	100	ug/Kg	12/18/2003 09:22	
Chlordane (Technical)	ND	50	ug/Kg	12/18/2003 09:22	
alpha-Chlordane	ND	2.0	ug/Kg	12/18/2003 09:22	
gamma-Chlordane	ND	2.0	ug/Kg	12/18/2003 09:22	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	55.5	50-125	%	12/18/2003 09:22	
Decachlorobiphenyl (Pest/8081)	76.9	46-142	%	12/18/2003 09:22	

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

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Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike

Soil

QC Batch # 2003/12/15-01.13

LCS 2003/12/15-01.13-002

Extracted: 12/15/2003

Analyzed: 12/16/2003 19:59

LCSD 2003/12/15-01.13-003

Extracted: 12/15/2003

Analyzed: 12/16/2003 20:30

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aldrin	13.5	13.2	16.6	81.3	79.5	2.2	37-136	35		
Dieldrin	13.7	13.4	16.6	82.5	80.7	2.2	58-135	35		
Endrin	14.1	14.1	16.6	84.9	84.9	0.0	58-134	35		
Hepatchlor	13.4	13.3	16.6	80.7	80.1	0.7	40-136	35		
4,4'-DDT	13.8	13.6	16.6	83.1	81.9	1.5	55-132	35		
gamma-BHC (Lindane)	13.4	13.1	16.6	80.7	78.9	2.3	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	46.1	42.5	50	92.1	84.9		50-125	0		
Decachlorobiphenyl	46.8	45.6	50	93.6	91.2		46-142	0		

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

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Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike

Soil

QC Batch # 2003/12/16-03.13

LCS 2003/12/16-03.13-002

Extracted: 12/16/2003

Analyzed: 12/17/2003 09:51

LCSD 2003/12/16-03.13-003

Extracted: 12/16/2003

Analyzed: 12/17/2003 10:22

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aldrin	13.0	11.1	16.6	78.3	66.5	16.3	37-136	35		
Dieldrin	12.9	11.5	16.6	77.7	68.9	12.0	58-135	35		
Endrin	13.9	12.6	16.6	83.7	75.4	10.4	58-134	35		
Hepatchlor	13.3	11.3	16.6	80.1	67.7	16.8	40-136	35		
4,4'-DDT	13.1	11.9	16.6	78.9	71.3	10.1	55-132	35		
gamma-BHC (Lindane)	12.8	11.0	16.6	77.1	65.9	15.7	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	49.9	43.6	50	99.8	87.2		50-125	0		
Decachlorobiphenyl	43.9	40.9	50	87.8	81.8		46-142	0		

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View

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Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike

Soil

QC Batch # 2003/12/17-01.13

LCS 2003/12/17-01.13-002

Extracted: 12/17/2003

Analyzed: 12/18/2003 09:53

LCSD 2003/12/17-01.13-003

Extracted: 12/17/2003

Analyzed: 12/18/2003 10:24

Compound	Conc.		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Aldrin	11.3	11.9	16.5	68.5	72.1	5.1	37-136	35		
Dieldrin	10.6	11.2	16.5	64.2	67.9	5.6	58-135	35		
Endrin	11.9	12.5	16.5	72.1	75.8	5.0	58-134	35		
Hepatchlor	11.9	12.9	16.5	72.1	78.2	8.1	40-136	35		
4,4'-DDT	10.3	10.5	16.5	62.4	63.6	1.9	55-132	35		
gamma-BHC (Lindane)	12.5	12.8	16.5	75.8	77.6	2.3	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	42.7	28.0	50	85.4	56.1		50-125	0		
Decachlorobiphenyl	37.8	40.1	50	75.7	80.1		46-142	0		

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Organochlorine Pesticides Analysis

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Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Matrix Spike (MS / MSD)

Soil

QC Batch # 2003/12/15-01.13

DD-3 >> MS

Lab ID: 2003-12-0480 - 008

MS: 2003/12/15-01.13-004

Extracted: 12/15/2003

Analyzed: 12/17/2003 01:41

Dilution: 1.00

MSD: 2003/12/15-01.13-005

Extracted: 12/15/2003

Analyzed: 12/17/2003 02:12

Dilution: 1.00

Compound	Conc.		Spk.Level	Recovery %		Limits %		Flags			
	MS	MSD		Sample	ug/Kg	MS	MSD	Rec.	RPD	MS	MSD
Aldrin	13.2	12.9	ND	16.5	80.0	77.2	3.6	37-136	35		
Dieldrin	14.1	13.7	ND	16.5	85.5	82.0	4.2	58-135	35		
Endrin	14.3	14.0	ND	16.5	86.7	83.8	3.4	58-134	35		
Hepatchlor	13.2	13.2	ND	16.5	80.0	79.0	1.3	40-136	35		
4,4'-DDT	21.3	21.4	5.50	16.5	95.8	95.2	0.6	55-132	35		
gamma-BHC (Lindane)	13.2	12.9	ND	16.5	80.0	77.2	3.6	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	45.2	45.1		50	90.5	90.2		50-125	0		
Decachlorobiphenyl	42.1	41.1		50	84.3	82.3		46-142	0		

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/16-03.13

DP-11 >> MS Lab ID: 2003-12-0480 - 020

MS: 2003/12/16-03.13-004 Extracted: 12/16/2003 Analyzed: 12/17/2003 11:34

Dilution: 5.00

MSD: 2003/12/16-03.13-005 Extracted: 12/16/2003 Analyzed: 12/17/2003 12:05

Dilution: 5.00

Compound	Conc.		ug/Kg	Spk Level	Recovery %			Limits %		Flags	
	MS	MSD			Sample	ug/Kg	MS	MSD	RPD	Rec	RPD
Aldrin	14.4	13.9	ND	16.6	86.7	83.2	4.1	37-136	35		
Dieldrin	15.6	15.3	ND	16.6	94.0	91.6	2.6	58-135	35		
Endrin	13.4	13.3	ND	16.6	80.7	79.6	1.4	58-134	35		
Heptachlor	14.6	14.1	ND	16.6	88.0	84.4	4.2	40-136	35		
4,4'-DDT	18.5	18.0	ND	16.6	111.4	107.8	3.3	55-132	35		
gamma-BHC (Lindane)	14.8	14.3	ND	16.6	89.2	85.6	4.1	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	52.2	50.4		50	104.5	100.8		50-125	0		
Decachlorobiphenyl	47.6	47.0		50	95.2	94.1		46-142	0		

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Organochlorine Pesticides Analysis

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Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) Soil QC Batch # 2003/12/17-01.13

AG-1 >> MS Lab ID: 2003-12-0480 - 040

MS: 2003/12/17-01.13-004 Extracted: 12/17/2003 Analyzed: 12/18/2003 11:26

Dilution: 1.00

MSD: 2003/12/17-01.13-005 Extracted: 12/17/2003 Analyzed: 12/18/2003 11:57

Dilution: 1.00

Compound	Conc.		ug/Kg	Spk Level	Recovery %			Limits %		Flags	
	MS	MSD			Sample	ug/Kg	MS	MSD	RPD	Rec	RPD
Aldrin	11.9	11.9	ND	16.5	72.1	71.7	0.6	37-136	35		
Dieldrin	13.4	12.5	2.97	16.5	63.2	57.4	9.6	58-135	35		mso
Endrin	16.7	12.7	ND	16.5	101.2	76.5	27.8	58-134	35		
Heptachlor	11.9	11.5	ND	16.5	72.1	69.3	4.0	40-136	35		
4,4'-DDT	14.1	11.2	ND	16.5	85.5	67.5	23.5	55-132	35		
gamma-BHC (Lindane)	12.7	11.5	ND	16.5	77.0	69.3	10.6	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	57.7	43.8		50	115.4	87.5		50-125	0		
Decachlorobiphenyl	42.4	42.2		50	84.9	84.3		46-142	0		

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Organochlorine Pesticides Analysis

Lowney & Associates Mountain View
Attn.: Tom McCloskey

405 Clyde Avenue
Mountain View, CA 94043-2209
Phone: (650) 967-2365 Fax: (650) 967-2785

Project: 1989-1
Fanoe Ranch

Received: 12/12/2003 09:45

Legend and Notes

Analysis Flag

- ln Reporting limits raised due to high level of non-target analyte materials.
- sdo Surrogate(s) diluted out

Result Flag

- mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.
- s One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/23/2004 10:37

Page 53 of 53

Lowney Associates San Ramon

March 16, 2004

2258 Camino Ramon
San Ramon, CA 94583
Attn.: Tom McCloskey
Project#: 1989-1B
Project: Fanoe Ranch

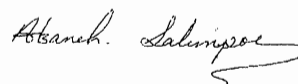
Attached is our report for your samples received on 02/09/2004 00:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/25/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Page 1 of 1

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe Ranch

Received: 02/09/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
AG-11C-2-2 1/2	02/09/2004	Soil	1
AG-11E-2-2 1/2	02/09/2004	Soil	2

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe Ranch

Received: 02/09/2004

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11C-2-2 1/2 Lab ID: 2004-03-0481 - 1
Sampled: 02/09/2004 Extracted: 3/15/2004 15:22
Matrix: Soil QC Batch#: 2004/03/15-01.13
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
Dieldrin	2.0	2.0	ug/Kg	1.00	03/15/2004 17:18	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
Endrin	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
Endrin ketone	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
Heptachlor	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
4,4'-DDT	4.5	2.0	ug/Kg	1.00	03/15/2004 17:18	
4,4'-DDE	6.7	2.0	ug/Kg	1.00	03/15/2004 17:18	
4,4'-DDD	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
Endosulfan I	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
Endosulfan II	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
alpha-BHC	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
beta-BHC	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
delta-BHC	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
Toxaphene	ND	100	ug/Kg	1.00	03/15/2004 17:18	
Chlordane (Technical)	ND	50	ug/Kg	1.00	03/15/2004 17:18	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	03/15/2004 17:18	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	84.8	50-125	%	1.00	03/15/2004 17:18	
Decachlorobiphenyl (Pest/8081)	81.9	46-142	%	1.00	03/15/2004 17:18	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe Ranch

Received: 02/09/2004

Prep(s): 3550/8081 Test(s): 8081
Sample ID: AG-11E-2-2 1/2 Lab ID: 2004-03-0481 - 2
Sampled: 02/09/2004 Extracted: 3/15/2004 15:22
Matrix: Soil QC Batch#: 2004/03/15-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Dieldrin	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Endrin	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Endrin ketone	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Heptachlor	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
4,4'-DDT	4.7	2.0	ug/Kg	1.00	03/15/2004 17:49	
4,4'-DDE	17	2.0	ug/Kg	1.00	03/15/2004 17:49	
4,4'-DDD	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Endosulfan I	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Endosulfan II	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
alpha-BHC	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
beta-BHC	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
delta-BHC	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
Toxaphene	ND	100	ug/Kg	1.00	03/15/2004 17:49	
Chlordane (Technical)	ND	50	ug/Kg	1.00	03/15/2004 17:49	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	03/15/2004 17:49	
<i>Surrogate(s)</i>						
2,4,5,6-Tetrachloro-m-xylene	86.0	50-125	%	1.00	03/15/2004 17:49	
Decachlorobiphenyl (Pest/8081)	82.9	46-142	%	1.00	03/15/2004 17:49	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fancoe Ranch

Received: 02/09/2004

Batch QC Report
Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/03/15-01.13
MB: 2004/03/15-01.13-001 Date Extracted: 03/15/2004 15:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	03/15/2004 15:46	
Dieldrin	ND	2.0	ug/Kg	03/15/2004 15:46	
Endrin aldehyde	ND	2.0	ug/Kg	03/15/2004 15:46	
Endrin	ND	2.0	ug/Kg	03/15/2004 15:46	
Endrin ketone	ND	2.0	ug/Kg	03/15/2004 15:46	
Heptachlor	ND	2.0	ug/Kg	03/15/2004 15:46	
Heptachlor epoxide	ND	2.0	ug/Kg	03/15/2004 15:46	
4,4'-DDT	ND	2.0	ug/Kg	03/15/2004 15:46	
4,4'-DDE	ND	2.0	ug/Kg	03/15/2004 15:46	
4,4'-DDD	ND	2.0	ug/Kg	03/15/2004 15:46	
Endosulfan I	ND	2.0	ug/Kg	03/15/2004 15:46	
Endosulfan II	ND	2.0	ug/Kg	03/15/2004 15:46	
alpha-BHC	ND	2.0	ug/Kg	03/15/2004 15:46	
beta-BHC	ND	2.0	ug/Kg	03/15/2004 15:46	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	03/15/2004 15:46	
delta-BHC	ND	2.0	ug/Kg	03/15/2004 15:46	
Endosulfan sulfate	ND	2.0	ug/Kg	03/15/2004 15:46	
4,4'-Methoxychlor	ND	2.0	ug/Kg	03/15/2004 15:46	
Toxaphene	ND	100	ug/Kg	03/15/2004 15:46	
Chlordane (Technical)	ND	50	ug/Kg	03/15/2004 15:46	
alpha-Chlordane	ND	2.0	ug/Kg	03/15/2004 15:46	
gamma-Chlordane	ND	2.0	ug/Kg	03/15/2004 15:46	
<i>Surrogate(s)</i>					
2,4,5,6-Tetrachloro-m-xylene	62.7	50-125	%	03/15/2004 15:46	
Decachlorobiphenyl (Pest/8081)	80.4	46-142	%	03/15/2004 15:46	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
 Attn.: Tom McCloskey
 2258 Camino Ramon
 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoe Ranch

Received: 02/09/2004

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Laboratory Control Spike Soil QC Batch # 2004/03/15-01.13

LCS 2004/03/15-01.13-002 Extracted: 03/15/2004 Analyzed: 03/15/2004 16:16
 LCSD 2004/03/15-01.13-003 Extracted: 03/15/2004 Analyzed: 03/15/2004 16:47

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Aldrin	12.5	13.3	16.6	75.3	80.1	6.2	37-136	35	
Dieldrin	11.9	12.7	16.6	71.7	76.5	6.5	58-135	35	
Endrin	11.8	12.8	16.6	71.1	77.1	8.1	58-134	35	
Hepatachlor	12.4	13.1	16.6	74.7	78.9	5.5	40-136	35	
4,4'-DDT	9.61	12.8	16.6	57.9	77.1	28.4	55-132	35	
gamma-BHC (Lindane)	12.6	13.4	16.6	75.9	80.7	6.1	37-137	35	
Surrogate(s)									
2,4,5,6-Tetrachloro-m-xylene	38.8	41.0	50	77.5	82.1		50-125	0	
Decachlorobiphenyl	38.1	41.4	50	76.2	82.7		46-142	0	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
 Attn.: Tom McCloskey
 2258 Camino Ramon
 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoe Ranch

Received: 02/09/2004

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Matrix Spike (MS / MSD) Soil QC Batch # 2004/03/15-01.13

AG-11C-2-2 1/2 >>> MS Lab ID: 2004-03-0481 - 001

MS: 2004/03/15-01.13-004 Extracted: 03/15/2004 Analyzed: 03/15/2004 18:20

MSD: 2004/03/15-01.13-005 Extracted: 03/15/2004 Analyzed: 03/15/2004 18:51

Dilution: 1.00
 Analyzed: 03/15/2004 18:51
 Dilution: 1.00

Compound	Conc.		Spk Level	Recovery %		Limits %		Flags			
	MS	MSD		Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS
Aldrin	14.1	14.2	ND	16.5	85.5	85.0	0.6	37-136	35		
Dieldrin	16.7	16.1	2.00	16.5	89.1	84.4	5.4	58-135	35		
Endrin	14.1	14.2	ND	16.5	85.5	85.0	0.6	58-134	35		
Hepatachlor	14.1	14.3	ND	16.6	85.5	85.6	0.1	40-136	35		
4,4'-DDT	27.7	23.8	4.50	16.5	140.6	115.6	19.5	55-132	35	mso	
gamma-BHC (Lindane)	14.3	14.3	ND	16.5	86.7	85.6	1.3	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylene	43.2	42.6		50	86.3	85.1		50-125	0		
Decachlorobiphenyl	43.1	44.0		50	86.3	88.0		46-142	0		

Severn Trent Laboratories, Inc.
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 Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/16/2004 15:38

Severn Trent Laboratories, Inc.
 STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
 Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/16/2004 15:38

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
 Attn.: Tom McCloskey
 2258 Camino Ramon
 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoe Ranch

Received: 02/09/2004

Legend and Notes

Analysis Flag

HT Extracted out of holding time

Result Flag

mso MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

Severn Trent Laboratories, Inc.
 STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
 Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/16/2004 15:38

New Submission No. 2004-03-0481
 Reference No. 2004-03-0481
 Bill To: Lowney Associates
 Attn: Tom McCloskey
 Comments: AG-11C-2-2 1/2 >>> MS

STL San Francisco
 ADD ON/CHANGE
 ORDER

2004-03-0481

ORIGINAL SUBMISSION INFORMATION
 Client Name: Lowney Associates
 Project Mgr: Tom McCloskey
 Project Name: Fanoe Ranch
 Project No: 1989-1B
 P.O.#:
 Date Received: 2/11/04
 Submission No: 2004-02-0576
 Sample ID: AG-11C-2-2 1/2 24
50.6
AG-11E-224
1

ANALYSIS REQUEST

RUSH

From: Afsaneh Salimpour
Sent: Tuesday, March 01, 2004 7:37 PM
To: Salimpour, Afsaneh
Subject: FW: Fanoe Samples, 1989-1B

Lowney Associates San Ramon
2258 Camino Ramon
San Ramon, CA 94583
Attn.: Tom McCloskey
Project#: 1989-1B
Project: Fanoe Ranch

February 23, 2004

Attached is our report for your samples received on 02/13/2004 13:15
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
03/29/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour (handwritten signature)

Afsaneh Salimpour
Project Manager

2004-02-0376 - 6
-10
7.2 hr
Toxicology

MAR 1 2004

Severn Trent Laboratories, Inc.
STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566
Tel 925 484 1919 Fax 925 484 1096 *www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Samples Reported

Table with 4 columns: Sample Name, Date Sampled, Matrix, Lab #. Row 1: SB-3 0-1/2, 02/11/2004, Soil, 50

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Table with 2 columns: Prep(s) and Test(s). Prep(s): 5035, 5035. Test(s): 8015M, 8021B. Sample ID: SB-3 0-1/2. Sampled: 02/11/2004. Matrix: Soil. QC Batch#: 2004/02/23-01.05

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Rows include Gasoline, Benzene, Toluene, Ethyl benzene, Xylene(s), MTBE, and Surrogate(s) Trifluorotoluene, 4-Bromofluorobenzene-FID.

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoes Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 5035 Test(s): 8015M
Method Blank Soil QC Batch # 2004/02/23-01.05
MB: 2004/02/23-01.05-003 Date Extracted: 02/23/2004 07:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	02/23/2004 07:00	
Benzene	ND	0.0050	mg/Kg	02/23/2004 07:00	
Toluene	ND	0.0050	mg/Kg	02/23/2004 07:00	
Ethyl benzene	ND	0.0050	mg/Kg	02/23/2004 07:00	
Xylene(s)	ND	0.0050	mg/Kg	02/23/2004 07:00	
MTBE	ND	0.0050	mg/Kg	02/23/2004 07:00	
<i>Surrogates(s)</i>					
Trifluorotoluene	97.8	53-125	%	02/23/2004 07:00	
4-Bromofluorobenzene-FID	84.8	58-124	%	02/23/2004 07:00	

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoes Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 5035 Test(s): 8021 B
Laboratory Control Spike Soil QC Batch # 2004/02/23-01.05
LCS 2004/02/23-01.05-004 Extracted: 02/23/2004 Analyzed: 02/23/2004 07:33
LCSD 2004/02/23-01.05-008 Extracted: 02/23/2004 Analyzed: 02/23/2004 09:47

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.101	0.102	0.1000	101.0	102.0	1.0	77-123	35		
Toluene	0.103	0.103	0.1000	103.0	103.0	0.0	78-122	35		
Ethyl benzene	0.0990	0.0976	0.1000	99.0	97.6	1.4	70-130	35		
Xylene(s)	0.304	0.297	0.300	101.3	99.0	2.3	75-125	35		
<i>Surrogates(s)</i>										
Trifluorotoluene	463	499	500	92.6	99.8		53-125			

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoes Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 5035 Test(s): 8015M
Laboratory Control Spike Soil QC Batch # 2004/02/23-01.05
LCS 2004/02/23-01.05-006 Extracted: 02/23/2004 Analyzed: 02/23/2004 08:40
LCSD 2004/02/23-01.05-007 Extracted: 02/23/2004 Analyzed: 02/23/2004 09:13

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	0.432	0.446	0.500	86.4	89.2	3.2	75-125	35		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene-FID	386	396	500	77.2	79.2		58-124			

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoes Ranch

Received: 02/13/2004 13:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 4-4 1/2	02/10/2004	Soil	19
EB-1 45-45 1/2	02/10/2004	Soil	21
EB-2 3 1/2-4	02/10/2004	Soil	22
EB-2 44 1/2-45	02/10/2004	Soil	24
EB-3 0-1/2	02/10/2004	Soil	25
EB-3 3 1/2-4	02/10/2004	Soil	26
EB-3 44 1/2-45	02/10/2004	Soil	29
EB-4 1/2-1	02/11/2004	Soil	30
EB-4 3 1/2-4	02/11/2004	Soil	31
EB-4 44 1/2-45	02/11/2004	Soil	33
EB-5 0-1/2	02/11/2004	Soil	34
EB-5 2 1/2-3	02/11/2004	Soil	35
EB-6 0-1/2	02/11/2004	Soil	38
EB-6 2 1/2-3	02/11/2004	Soil	39
EB-7 0-1/2	02/11/2004	Soil	41
EB-7 2-2 1/2	02/11/2004	Soil	42

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-1 4-4 1/2
Sampled: 02/10/2004
Matrix: Soil
Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 19
Extracted: 2/18/2004 10:56
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 10:56	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 10:56	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 10:56	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 10:56	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 10:56	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 10:56	
Surrogate(s)						
Trifluorotoluene	100.7	53-125	%	1.00	02/18/2004 10:56	
4-Bromofluorobenzene-FID	101.3	58-124	%	1.00	02/18/2004 10:56	

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn. Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-1 45-45 1/2
Sampled: 02/10/2004
Matrix: Soil
Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 21
Extracted: 2/18/2004 11:22
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 11:22	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 11:22	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 11:22	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 11:22	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 11:22	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 11:22	
Surrogate(s)						
Trifluorotoluene	104.4	53-125	%	1.00	02/18/2004 11:22	
4-Bromofluorobenzene-FID	102.0	58-124	%	1.00	02/18/2004 11:22	

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-2 3 1/2-4
Sampled: 02/10/2004
Matrix: Soil
Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 22
Extracted: 2/18/2004 11:49
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 11:49	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 11:49	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 11:49	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 11:49	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 11:49	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 11:49	
Surrogate(s)						
Trifluorotoluene	100.0	53-125	%	1.00	02/18/2004 11:49	
4-Bromofluorobenzene-FID	97.0	58-124	%	1.00	02/18/2004 11:49	

Gas/BTEX Compounds by 8015M/8021

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-2 44 1/2-45
Sampled: 02/10/2004
Matrix: Soil
Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 24
Extracted: 2/18/2004 12:16
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 12:16	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 12:16	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 12:16	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 12:16	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 12:16	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 12:16	
Surrogate(s)						
Trifluorotoluene	98.3	53-125	%	1.00	02/18/2004 12:16	
4-Bromofluorobenzene-FID	101.8	58-124	%	1.00	02/18/2004 12:16	

Gas/BTEX Compounds by 8015M/8021

Lowrey Associates San Ramon

Attn.: Tom McCloskey

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-3 0-1/2
Sampled: 02/10/2004
Matrix: Soil

Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 25
Extracted: 2/18/2004 12:43
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 12:43	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 12:43	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 12:43	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 12:43	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 12:43	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 12:43	
<i>Surrogate(s)</i>						
Trifluorotoluene	94.8	53-125	%	1.00	02/18/2004 12:43	
4-Bromofluorobenzene-FID	81.4	58-124	%	1.00	02/18/2004 12:43	

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Gas/BTEX Compounds by 8015M/8021

Lowrey Associates San Ramon

Attn.: Tom McCloskey

2258 Camino Ramon
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Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-3 44 1/2-45
Sampled: 02/10/2004
Matrix: Soil

Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 29
Extracted: 2/18/2004 13:37
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 13:37	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 13:37	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 13:37	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 13:37	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 13:37	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 13:37	
<i>Surrogate(s)</i>						
Trifluorotoluene	95.6	53-125	%	1.00	02/18/2004 13:37	
4-Bromofluorobenzene-FID	100.1	58-124	%	1.00	02/18/2004 13:37	

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Gas/BTEX Compounds by 8015M/8021

Lowrey Associates San Ramon

Attn.: Tom McCloskey

2258 Camino Ramon
San Ramon, CA 94583

Phone: (925) 275-2550 Fax: (925) 275-2555

Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-3 3 1/2-4
Sampled: 02/10/2004
Matrix: Soil

Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 26
Extracted: 2/18/2004 13:10
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 13:10	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 13:10	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 13:10	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 13:10	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 13:10	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 13:10	
<i>Surrogate(s)</i>						
Trifluorotoluene	99.0	53-125	%	1.00	02/18/2004 13:10	
4-Bromofluorobenzene-FID	103.3	58-124	%	1.00	02/18/2004 13:10	

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Gas/BTEX Compounds by 8015M/8021

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-4 1/2-1
Sampled: 02/11/2004
Matrix: Soil

Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 30
Extracted: 2/18/2004 14:04
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 14:04	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 14:04	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 14:04	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 14:04	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 14:04	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 14:04	
<i>Surrogate(s)</i>						
Trifluorotoluene	96.9	53-125	%	1.00	02/18/2004 14:04	
4-Bromofluorobenzene-FID	93.2	58-124	%	1.00	02/18/2004 14:04	

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Gas/BTEX Compounds by 8015M/8021

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: EB-4 3 1/2-4 Lab ID: 2004-02-0487 - 31
Sampled: 02/11/2004 Extracted: 2/18/2004 16:31
Matrix: Soil QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 16:31	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 16:31	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 16:31	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 16:31	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 16:31	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 16:31	
Surrogate(s)						
Trifluorotoluene	100.9	53-125	%	1.00	02/18/2004 16:31	
4-Bromofluorobenzene-FID	95.7	58-124	%	1.00	02/18/2004 16:31	

Gas/BTEX Compounds by 8015M/8021

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: EB-4 44 1/2-45 Lab ID: 2004-02-0487 - 33
Sampled: 02/11/2004 Extracted: 2/18/2004 16:58
Matrix: Soil QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 16:58	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 16:58	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 16:58	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 16:58	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 16:58	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 16:58	
Surrogate(s)						
Trifluorotoluene	99.3	53-125	%	1.00	02/18/2004 16:58	
4-Bromofluorobenzene-FID	95.3	58-124	%	1.00	02/18/2004 16:58	

Gas/BTEX Compounds by 8015M/8021

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: EB-5 0-1/2 Lab ID: 2004-02-0487 - 34
Sampled: 02/11/2004 Extracted: 2/18/2004 17:25
Matrix: Soil QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 17:25	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 17:25	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 17:25	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 17:25	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 17:25	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 17:25	
Surrogate(s)						
Trifluorotoluene	96.9	53-125	%	1.00	02/18/2004 17:25	
4-Bromofluorobenzene-FID	86.9	58-124	%	1.00	02/18/2004 17:25	

Gas/BTEX Compounds by 8015M/8021

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 5035 Test(s): 8015M
5035 8021B
Sample ID: EB-5 2 1/2-3 Lab ID: 2004-02-0487 - 35
Sampled: 02/11/2004 Extracted: 2/18/2004 17:52
Matrix: Soil QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 17:52	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 17:52	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 17:52	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 17:52	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 17:52	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 17:52	
Surrogate(s)						
Trifluorotoluene	92.7	53-125	%	1.00	02/18/2004 17:52	
4-Bromofluorobenzene-FID	95.3	58-124	%	1.00	02/18/2004 17:52	

Gas/BTEX Compounds by 8015M/8021

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Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-6 0-1/2
Sampled: 02/11/2004
Matrix: Soil
Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 38
Extracted: 2/18/2004 18:19
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 18:19	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 18:19	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 18:19	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 18:19	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 18:19	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 18:19	
<i>Surrogate(s)</i>						
Trifluorotoluene	88.9	53-125	%	1.00	02/18/2004 18:19	
4-Bromofluorobenzene-FID	89.0	58-124	%	1.00	02/18/2004 18:19	

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
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Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-6 2 1/2-3
Sampled: 02/11/2004
Matrix: Soil
Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 39
Extracted: 2/18/2004 18:45
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 18:45	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 18:45	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 18:45	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 18:45	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 18:45	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 18:45	
<i>Surrogate(s)</i>						
Trifluorotoluene	97.5	53-125	%	1.00	02/18/2004 18:45	
4-Bromofluorobenzene-FID	104.0	58-124	%	1.00	02/18/2004 18:45	

Gas/BTEX Compounds by 8015M/8021

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2258 Camino Ramon
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Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-7 0-1/2
Sampled: 02/11/2004
Matrix: Soil
Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 41
Extracted: 2/18/2004 19:12
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 19:12	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 19:12	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 19:12	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 19:12	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 19:12	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 19:12	
<i>Surrogate(s)</i>						
Trifluorotoluene	87.2	53-125	%	1.00	02/18/2004 19:12	
4-Bromofluorobenzene-FID	72.3	58-124	%	1.00	02/18/2004 19:12	

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoee Ranch

Received: 02/13/2004 13:15

Prep(s): 5035
5035
Sample ID: EB-7 2-2 1/2
Sampled: 02/11/2004
Matrix: Soil
Test(s): 8015M
8021B
Lab ID: 2004-02-0487 - 42
Extracted: 2/18/2004 19:39
QC Batch#: 2004/02/18-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	02/18/2004 19:39	
Benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 19:39	
Toluene	ND	0.0050	mg/Kg	1.00	02/18/2004 19:39	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	02/18/2004 19:39	
Xylene(s)	ND	0.0050	mg/Kg	1.00	02/18/2004 19:39	
MTBE	ND	0.0050	mg/Kg	1.00	02/18/2004 19:39	
<i>Surrogate(s)</i>						
Trifluorotoluene	96.0	53-125	%	1.00	02/18/2004 19:39	
4-Bromofluorobenzene-FID	102.5	58-124	%	1.00	02/18/2004 19:39	

Gas/BTEX Compounds by 8015M/8021

Lowney Associates San Ramon
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 San Ramon, CA 94583
 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoee Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 5035 Test(s): 8015M
 Method Blank Soil QC Batch # 2004/02/18-01.01
 MB: 2004/02/18-01.01-003 Date Extracted: 02/18/2004 07:19

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	02/18/2004 07:19	
Benzene	ND	0.0050	mg/Kg	02/18/2004 07:19	
Toluene	ND	0.0050	mg/Kg	02/18/2004 07:19	
Ethyl benzene	ND	0.0050	mg/Kg	02/18/2004 07:19	
Xylene(s)	ND	0.0050	mg/Kg	02/18/2004 07:19	
MTBE	ND	0.0050	mg/Kg	02/18/2004 07:19	
Surrogates(s)					
Trifluorotoluene	105.1	53-125	%	02/18/2004 07:19	
4-Bromofluorobenzene-FID	108.7	58-124	%	02/18/2004 07:19	

Gas/BTEX Compounds by 8015M/8021

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 Phone: (925) 275-2550 Fax: (925) 275-2555
 Project: 1989-1B
 Fanoee Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 5035 Test(s): 8021B

Laboratory Control Spike Soil QC Batch # 2004/02/18-01.01
 LCS 2004/02/18-01.01-004 Extracted: 02/18/2004 Analyzed: 02/18/2004 07:46
 LCSD 2004/02/18-01.01-005 Extracted: 02/18/2004 Analyzed: 02/18/2004 08:13

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Crt.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Benzene	0.100	0.0999	0.1000	100.0	99.9	0.1	77-123	35	
Toluene	0.0926	0.0907	0.1000	92.6	90.7	2.1	78-122	35	
Ethyl benzene	0.107	0.103	0.1000	107.0	103.0	3.8	70-130	35	
Xylene(s)	0.305	0.299	0.300	101.7	99.7	2.0	75-125	35	
Surrogates(s)									
Trifluorotoluene	515	509	500	103.0	101.8		53-125		

Gas/BTEX Compounds by 8015M/8021

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Batch QC Report

Prep(s): 5035 Test(s): 8015M

Laboratory Control Spike Soil QC Batch # 2004/02/18-01.01
 LCS 2004/02/18-01.01-006 Extracted: 02/18/2004 Analyzed: 02/18/2004 08:40
 LCSD 2004/02/18-01.01-007 Extracted: 02/18/2004 Analyzed: 02/18/2004 09:07

Compound	Conc.		Exp. Conc.	Recovery %		RPD	Crt.Limits %		Flags
	LCS	LCSD		LCS	LCSD		Rec.	RPD	
Gasoline	0.496	0.487	0.500	99.2	97.4	1.8	75-125	35	
Surrogates(s)									
4-Bromofluorobenzene-FID	509	536	500	101.8	107.2		58-124		

Total Lead

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
PB-14	02/12/2004	Soil	10
PB-13	02/12/2004	Soil	11
PB-15	02/12/2004	Soil	12
PB-16	02/12/2004	Soil	13

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-14 Lab ID: 2004-02-0487 - 10
Sampled: 02/12/2004 Extracted: 2/16/2004 05:40
Matrix: Soil QC Batch#: 2004/02/16-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	7.0	1.0	mg/Kg	1.00	02/16/2004 23:42	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-13 Lab ID: 2004-02-0487 - 11
Sampled: 02/12/2004 Extracted: 2/16/2004 05:40
Matrix: Soil QC Batch#: 2004/02/16-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	73	1.0	mg/Kg	1.00	02/16/2004 23:45	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-15 Lab ID: 2004-02-0487 - 12
Sampled: 02/12/2004 Extracted: 2/16/2004 05:40
Matrix: Soil QC Batch#: 2004/02/16-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	49	1.0	mg/Kg	1.00	02/16/2004 23:48	

Total Lead

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Prep(s): 3050B Test(s): 6010B
Sample ID: PB-16 Lab ID: 2004-02-0487 - 13
Sampled: 02/12/2004 Extracted: 2/16/2004 05:40
Matrix: Soil QC Batch#: 2004/02/16-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	44	1.0	mg/Kg	1.00	02/16/2004 23:51	

Total Lead

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
Method Blank Soil QC Batch # 2004/02/16-03.15
MB: 2004/02/16-03.15-034 Date Extracted: 02/16/2004 05:40

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	02/16/2004 22:01	

Total Lead

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
Laboratory Control Spike Soil QC Batch # 2004/02/16-03.15
LCS 2004/02/16-03.15-035 Extracted: 02/16/2004 Analyzed: 02/16/2004 22:06
LCSD 2004/02/16-03.15-036 Extracted: 02/16/2004 Analyzed: 02/16/2004 22:09

Compound	Conc.	mg/Kg	Exp. Conc.	Recovery %		RPD	Civ. Limits %	Flags	
				LCS	LCSD			%	Rec. RPD
Lead	96.0	95.7	100.0	96.0	95.7	0.3	80-120	20	

Metals

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
DBX-1A,B,C,2D	02/12/2004	Soil	9
SURF-1A,B,C,D	02/12/2004	Soil	18

Metals

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Prep(s): 3050B Test(s): 6010B
7471A 7471A
Sample ID: DBX-1A,B,C,2D Lab ID: 2004-02-0487 - 9
Sampled: 02/12/2004 Extracted: 2/16/2004 12:49
2/16/2004 12:49
Matrix: Soil QC Batch#: 2004/02/16-02 16
2004/02/16-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	2.3	1.0	mg/Kg	1.00	02/17/2004 01:58	
Lead	5.5	1.0	mg/Kg	1.00	02/17/2004 01:58	
Mercury	ND	0.050	mg/Kg	1.00	02/18/2004 06:36	

Metals

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Prep(s): 3050B Test(s): 6010B
7471A 7471A
Sample ID: SURF-1A,B,C,D Lab ID: 2004-02-0487 - 18
Sampled: 02/12/2004 Extracted: 2/16/2004 12:49
2/16/2004 12:49
Matrix: Soil QC Batch#: 2004/02/16-02.16
2004/02/16-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Arsenic	2.7	1.0	mg/Kg	1.00	02/17/2004 02:01	
Lead	4.5	1.0	mg/Kg	1.00	02/17/2004 02:01	
Mercury	ND	0.050	mg/Kg	1.00	02/18/2004 06:37	

Metals

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Batch QC Report

Prep(s): 7471A Test(s): 7471A
Method Blank Soil QC Batch # 2004/02/16-02.16
MB: 2004/02/16-02.16-018 Date Extracted: 02/16/2004 12:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	02/18/2004 06:08	

Metals

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Batch QC Report

Prep(s): 3050B Test(s): 6010B
Method Blank Soil QC Batch # 2004/02/16-05.15
MB: 2004/02/16-05.15-057 Date Extracted: 02/16/2004 12:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Arsenic	ND	1.0	mg/Kg	02/17/2004 00:00	
Lead	ND	1.0	mg/Kg	02/17/2004 00:00	

Metals

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Batch QC Report

Prep(s): 7471A Test(s): 7471A
Laboratory Control Spike Soil QC Batch # 2004/02/16-02.16
LCS 2004/02/16-02.16-019 Extracted: 02/16/2004 Analyzed: 02/18/2004 06:09
LCSD 2004/02/16-02.16-020 Extracted: 02/16/2004 Analyzed: 02/18/2004 06:11

Compound	Conc.	mg/Kg	Exp. Conc.	Recovery %		RPD	Crt. Limits %		Flags	
				LCS	LCSD		%	Rec.	RPD	LCS
Mercury	0.501	0.503	0.500	100.2	100.6	0.4	85-115	20		

Metals

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Batch QC Report

Prep(s): 3050B		Test(s): 6010B					
Laboratory Control Spike		Soil					
LCS	2004/02/16-05.15-058	Extracted: 02/16/2004	Analyzed: 02/17/2004 00:05				
LCSD	2004/02/16-05.15-059	Extracted: 02/16/2004	Analyzed: 02/17/2004 00:08				
QC Batch # 2004/02/16-05.15							
Compound	Conc.	mg/Kg	Exp. Conc.	Recovery %	RPD	Ctrl. Limits %	Flags
	LCS	LCSD	LCS	LCSD	%	Rec. RPD	LCS LCSD
Arsenic	101	99.3	100.0	101.0	99.3	1.7	80-120 20
Lead	96.1	93.9	100.0	96.1	93.9	2.3	80-120 20

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Organochlorine Pesticides Analysis

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
DB-4 0-1/2	02/12/2004	Soil	6
DBX-1A,B,C,2D	02/12/2004	Soil	9
SURF-1A,B,C,D	02/12/2004	Soil	18
SB-3 0-1/2	02/11/2004	Soil	50

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Organochlorine Pesticides Analysis

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Fanoee Ranch

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: DB-4 0-1/2	Lab ID: 2004-02-0487 - 6
Sampled: 02/12/2004	Extracted: 2/17/2004 11:04
Matrix: Soil	QC Batch#: 2004/02/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Dieldrin	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Endrin	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Heptachlor	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
4,4'-DDT	8.1	2.0	ug/Kg	1.00	02/20/2004 17:20	
4,4'-DDE	18	2.0	ug/Kg	1.00	02/20/2004 17:20	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
beta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
delta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Toxaphene	ND	100	ug/Kg	1.00	02/20/2004 17:20	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/20/2004 17:20	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 17:20	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	81.3	50-125	%	1.00	02/20/2004 17:20	
Decachlorobiphenyl (Pest/8081)	97.0	46-142	%	1.00	02/20/2004 17:20	

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Prep(s): 3550/8081	Test(s): 8081
Sample ID: DBX-1A,B,C,2D	Lab ID: 2004-02-0487 - 9
Sampled: 02/12/2004	Extracted: 2/17/2004 11:04
Matrix: Soil	QC Batch#: 2004/02/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Dieldrin	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Endrin	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Heptachlor	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
4,4'-DDE	11	2.0	ug/Kg	1.00	02/20/2004 17:51	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
beta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
delta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Endosulfan sulfate	2.3	2.0	ug/Kg	1.00	02/20/2004 17:51	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Toxaphene	ND	100	ug/Kg	1.00	02/20/2004 17:51	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/20/2004 17:51	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 17:51	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	88.1	50-125	%	1.00	02/20/2004 17:51	
Decachlorobiphenyl (Pest/8081)	92.5	46-142	%	1.00	02/20/2004 17:51	

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Fanoee Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8081 Test(s): 8081
Sample ID: SURF-1A,B,C,D Lab ID: 2004-02-0487 - 18
Sampled: 02/12/2004 Extracted: 2/17/2004 11:04
Matrix: Soil QC Batch#: 2004/02/17-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

Organochlorine Pesticides Analysis

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Received: 02/13/2004 13:15

Prep(s): 3550/8081 Test(s): 8081
Sample ID: SB-3 0-1/2 Lab ID: 2004-02-0487 - 50
Sampled: 02/11/2004 Extracted: 2/17/2004 11:04
Matrix: Soil QC Batch#: 2004/02/17-01.13

Table with 7 columns: Compound, Conc., RL, Unit, Dilution, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Batch QC Report
Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/17-01.13
MB: 2004/02/17-01.13-001 Date Extracted: 02/17/2004 11:04

Table with 7 columns: Compound, Conc., RL, Unit, Analyzed, Flag. Lists various pesticides like Aldrin, Dieldrin, Endrin, etc., with their respective concentrations and analysis dates.

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Batch QC Report
Prep(s): 3550/8081 Test(s): 8081
Laboratory Control Spike Soil QC Batch # 2004/02/17-01.13
LCS 2004/02/17-01.13-002 Extracted: 02/17/2004 Analyzed: 02/20/2004 08:31
LCSD 2004/02/17-01.13-003 Extracted: 02/17/2004 Analyzed: 02/20/2004 09:01

Table with 10 columns: Compound, Conc., ug/Kg, Exp. Conc., Recovery %, RPD, Ctr. Limits %, Rec., RPD, LCS, LCSD. Includes data for Aldrin, Dieldrin, Endrin, Heptachlor, and various surrogates.

Organochlorine Pesticides Analysis

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Received: 02/13/2004 13:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
DB-1 0-1/2	02/12/2004	Soil	1
DB-2 0-1/2	02/12/2004	Soil	3
DB-3 0-1/2	02/12/2004	Soil	5
DB-5 0-1/2	02/12/2004	Soil	7
DB-6 0-1/2	02/12/2004	Soil	8

Organochlorine Pesticides Analysis

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Prep(s): 3550/8081
Sample ID: DB-1 0-1/2
Sampled: 02/12/2004
Matrix: Soil

Test(s): 8081
Lab ID: 2004-02-0487 - 1
Extracted: 2/17/2004 11:04
QC Batch#: 2004/02/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Dieldrin	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Endrin	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Heptachlor	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
4,4'-DDE	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
beta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
delta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Toxaphene	ND	100	ug/Kg	1.00	02/20/2004 12:00	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/20/2004 12:00	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 12:00	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	88.8	50-125	%	1.00	02/20/2004 12:00	
Decachlorobiphenyl (Pest/8081)	101.8	46-142	%	1.00	02/20/2004 12:00	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8081
Sample ID: DB-2 0-1/2
Sampled: 02/12/2004
Matrix: Soil

Test(s): 8081
Lab ID: 2004-02-0487 - 3
Extracted: 2/17/2004 11:04
QC Batch#: 2004/02/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Dieldrin	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Endrin	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Heptachlor	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
4,4'-DDT	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
4,4'-DDE	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
4,4'-DDD	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
beta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
della-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Toxaphene	ND	100	ug/Kg	1.00	02/20/2004 12:31	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/20/2004 12:31	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 12:31	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	82.5	50-125	%	1.00	02/20/2004 12:31	
Decachlorobiphenyl (Pest/8081)	93.4	46-142	%	1.00	02/20/2004 12:31	

Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8081
Sample ID: DB-3 0-1/2
Sampled: 02/12/2004
Matrix: Soil

Test(s): 8081
Lab ID: 2004-02-0487 - 5
Extracted: 2/17/2004 11:04
QC Batch#: 2004/02/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Dieldrin	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Endrin	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Endrin ketone	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Heptachlor	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
4,4'-DDT	37	2.0	ug/Kg	1.00	02/20/2004 13:02	
4,4'-DDE	13	2.0	ug/Kg	1.00	02/20/2004 13:02	
4,4'-DDD	13	2.0	ug/Kg	1.00	02/20/2004 13:02	
Endosulfan I	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Endosulfan II	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
alpha-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
beta-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
della-BHC	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
4,4'-Methoxychlor	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Toxaphene	ND	100	ug/Kg	1.00	02/20/2004 13:02	
Chlordane (Technical)	ND	50	ug/Kg	1.00	02/20/2004 13:02	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	02/20/2004 13:02	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	86.7	50-125	%	1.00	02/20/2004 13:02	
Decachlorobiphenyl (Pest/8081)	80.9	46-142	%	1.00	02/20/2004 13:02	

Organochlorine Pesticides Analysis

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Project: 1989-1B
Faneo Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DB-5 0-1/2 Lab ID: 2004-02-0487 - 7
Sampled: 02/12/2004 Extracted: 2/17/2004 11:04
Matrix: Soil QC Batch#: 2004/02/17-01.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Dieldrin	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Endrin aldehyde	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Endrin	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Endrin ketone	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Heptachlor	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Heptachlor epoxide	ND	10	ug/Kg	5.00	02/20/2004 13:33	
4,4'-DDT	59	10	ug/Kg	5.00	02/20/2004 13:33	
4,4'-DDE	100	10	ug/Kg	5.00	02/20/2004 13:33	
4,4'-DDD	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Endosulfan I	12	10	ug/Kg	5.00	02/20/2004 13:33	
Endosulfan II	47	10	ug/Kg	5.00	02/20/2004 13:33	
alpha-BHC	ND	10	ug/Kg	5.00	02/20/2004 13:33	
beta-BHC	ND	10	ug/Kg	5.00	02/20/2004 13:33	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	02/20/2004 13:33	
delta-BHC	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Endosulfan sulfate	13	10	ug/Kg	5.00	02/20/2004 13:33	
4,4'-Methoxychlor	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Toxaphene	ND	500	ug/Kg	5.00	02/20/2004 13:33	
Chlordane (Technical)	ND	250	ug/Kg	5.00	02/20/2004 13:33	
alpha-Chlordane	ND	10	ug/Kg	5.00	02/20/2004 13:33	
gamma-Chlordane	ND	10	ug/Kg	5.00	02/20/2004 13:33	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	90.3	50-125	%	5.00	02/20/2004 13:33	
Decachlorobiphenyl (Pest/8081)	51.5	46-142	%	5.00	02/20/2004 13:33	

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Organochlorine Pesticides Analysis

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Project: 1989-1B
Faneo Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8081 Test(s): 8081
Sample ID: DB-6 0-1/2 Lab ID: 2004-02-0487 - 8
Sampled: 02/12/2004 Extracted: 2/17/2004 11:04
Matrix: Soil QC Batch#: 2004/02/17-01.13

Analysis Flag: sdo (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Dieldrin	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Endrin aldehyde	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Endrin	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Endrin ketone	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Heptachlor	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Heptachlor epoxide	ND	20	ug/Kg	10.00	02/20/2004 14:05	
4,4'-DDT	150	20	ug/Kg	10.00	02/20/2004 14:05	
4,4'-DDE	2.10	20	ug/Kg	10.00	02/20/2004 14:05	
4,4'-DDD	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Endosulfan I	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Endosulfan II	ND	20	ug/Kg	10.00	02/20/2004 14:05	
alpha-BHC	ND	20	ug/Kg	10.00	02/20/2004 14:05	
beta-BHC	ND	20	ug/Kg	10.00	02/20/2004 14:05	
gamma-BHC (Lindane)	ND	20	ug/Kg	10.00	02/20/2004 14:05	
delta-BHC	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Endosulfan sulfate	ND	20	ug/Kg	10.00	02/20/2004 14:05	
4,4'-Methoxychlor	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Toxaphene	ND	1000	ug/Kg	10.00	02/20/2004 14:05	
Chlordane (Technical)	ND	500	ug/Kg	10.00	02/20/2004 14:05	
alpha-Chlordane	ND	20	ug/Kg	10.00	02/20/2004 14:05	
gamma-Chlordane	ND	20	ug/Kg	10.00	02/20/2004 14:05	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	NA	50-125	%	10.00	02/20/2004 14:05	
Decachlorobiphenyl (Pest/8081)	NA	46-142	%	10.00	02/20/2004 14:05	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Phone: (925) 276-2550 Fax: (925) 276-2556
Project: 1989-1B
Faneo Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8081 Test(s): 8081
Method Blank Soil QC Batch # 2004/02/17-01.13
MB: 2004/02/17-01.13-001 Date Extracted: 02/17/2004 11:04

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	02/20/2004 08:00	
Dieldrin	ND	2.0	ug/Kg	02/20/2004 08:00	
Endrin aldehyde	ND	2.0	ug/Kg	02/20/2004 08:00	
Endrin	ND	2.0	ug/Kg	02/20/2004 08:00	
Endrin ketone	ND	2.0	ug/Kg	02/20/2004 08:00	
Heptachlor	ND	2.0	ug/Kg	02/20/2004 08:00	
Heptachlor epoxide	ND	2.0	ug/Kg	02/20/2004 08:00	
4,4'-DDT	ND	2.0	ug/Kg	02/20/2004 08:00	
4,4'-DDE	ND	2.0	ug/Kg	02/20/2004 08:00	
4,4'-DDD	ND	2.0	ug/Kg	02/20/2004 08:00	
Endosulfan I	ND	2.0	ug/Kg	02/20/2004 08:00	
Endosulfan II	ND	2.0	ug/Kg	02/20/2004 08:00	
alpha-BHC	ND	2.0	ug/Kg	02/20/2004 08:00	
beta-BHC	ND	2.0	ug/Kg	02/20/2004 08:00	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	02/20/2004 08:00	
delta-BHC	ND	2.0	ug/Kg	02/20/2004 08:00	
Endosulfan sulfate	ND	2.0	ug/Kg	02/20/2004 08:00	
4,4'-Methoxychlor	ND	2.0	ug/Kg	02/20/2004 08:00	
Toxaphene	ND	100	ug/Kg	02/20/2004 08:00	
Chlordane (Technical)	ND	50	ug/Kg	02/20/2004 08:00	
alpha-Chlordane	ND	2.0	ug/Kg	02/20/2004 08:00	
gamma-Chlordane	ND	2.0	ug/Kg	02/20/2004 08:00	
Surrogate(s)					
2,4,5,6-Tetrachloro-m-xylene	88.2	50-125	%	02/20/2004 08:00	
Decachlorobiphenyl (Pest/8081)	91.4	46-142	%	02/20/2004 08:00	

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Organochlorine Pesticides Analysis

Lowney Associates San Ramon
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Project: 1989-1B
Faneo Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8081 Test(s): 8081
Laboratory Control Spike Soil QC Batch # 2004/02/17-01.13
LCS 2004/02/17-01.13-002 Extracted: 02/17/2004 Analyzed: 02/20/2004 08:31
LCSD 2004/02/17-01.13-003 Extracted: 02/17/2004 Analyzed: 02/20/2004 09:01

Compound	Conc.	ug/Kg	Exp. Conc.	Recovery %	RPD	Crt.Limits %	Flags	
							LCS	LCSD
Aldrin	13.6	14.3	16.6	81.9	86.1	5.0	37-136	35
Dieldrin	13.5	14.0	16.6	81.3	84.3	3.6	58-135	35
Endrin	14.1	14.7	16.6	84.9	88.6	4.3	58-134	35
Heptachlor	14.1	14.6	16.6	84.9	88.0	3.6	40-136	35
4,4'-DDT	13.1	13.6	16.6	78.9	81.9	3.7	55-132	35
gamma-BHC (Lindane)	14.1	14.8	16.6	84.9	89.2	4.9	37-137	35
Surrogate(s)								
2,4,5,6-Tetrachloro-m-xylene	43.7	43.9	50	87.5	87.8	50-125	0	0
Decachlorobiphenyl	44.7	46.0	50	89.3	92.0	46-142	0	0

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Organochlorine Pesticides Analysis

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Legend and Notes

Analysis Flag

sdo
Surrogate(s) diluted out

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TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB-1 4-4 1/2	02/10/2004	Soil	19
EB-1 45-45 1/2	02/10/2004	Soil	21
EB-2 3 1/2-4	02/10/2004	Soil	22
EB-2 44 1/2-45	02/10/2004	Soil	24
EB-3 0-1/2	02/10/2004	Soil	25
EB-3 3 1/2-4	02/10/2004	Soil	26
EB-3 44 1/2-45	02/10/2004	Soil	29
EB-4 1/2-1	02/11/2004	Soil	30
EB-4 3 1/2-4	02/11/2004	Soil	31
EB-4 44 1/2-45	02/11/2004	Soil	33
EB-5 0-1/2	02/11/2004	Soil	34
EB-5 2 1/2-3	02/11/2004	Soil	35
EB-6 0-1/2	02/11/2004	Soil	38
EB-7 0-1/2	02/11/2004	Soil	41
EB-7 2-2 1/2	02/11/2004	Soil	42
SB-3 0-1/2	02/11/2004	Soil	50

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TEPH w/ Silica Gel Clean-up

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Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-1 4-4 1/2 Lab ID: 2004-02-0487 - 19
Sampled: 02/10/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/18/2004 22:20	
Motor Oil	ND	50	mg/Kg	1.00	02/18/2004 22:20	
Surrogate(s) o-Terphenyl	87.7	60-130	%	1.00	02/18/2004 22:20	

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TEPH w/ Silica Gel Clean-up

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-1 45-45 1/2 Lab ID: 2004-02-0487 - 21
Sampled: 02/10/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/18/2004 19:40	
Motor Oil	ND	50	mg/Kg	1.00	02/18/2004 19:40	
Surrogate(s) o-Terphenyl	93.0	60-130	%	1.00	02/18/2004 19:40	

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TEPH w/ Silica Gel Clean-up

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-2 3 1/2-4 Lab ID: 2004-02-0487 - 22
Sampled: 02/10/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/18/2004 17:54	
Motor Oil	ND	50	mg/Kg	1.00	02/18/2004 17:54	
Surrogate(s) o-Terphenyl	87.5	60-130	%	1.00	02/18/2004 17:54	

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-2 44 1/2-45 Lab ID: 2004-02-0487 - 24
Sampled: 02/10/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/19/2004 00:06	
Motor Oil	ND	50	mg/Kg	1.00	02/19/2004 00:06	
Surrogate(s) o-Terphenyl	87.5	60-130	%	1.00	02/19/2004 00:06	

TEPH w/ Silica Gel Clean-up

Lowney Associates San Ramon
Attn.: Tom McCloskey
2258 Camino Ramon
San Ramon, CA 94583
Phone: (925) 275-2550 Fax: (925) 275-2555
Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-3 0-1/2 Lab ID: 2004-02-0487 - 25
Sampled: 02/10/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	58	1.0	mg/Kg	1.00	02/18/2004 19:14	ldr
Motor Oil	190	50	mg/Kg	1.00	02/18/2004 19:14	
Surrogate(s) o-Terphenyl	93.1	60-130	%	1.00	02/18/2004 19:14	

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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-3 3 1/2-4 Lab ID: 2004-02-0487 - 26
Sampled: 02/10/2004 Extracted: 2/19/2004 10:44
Matrix: Soil QC Batch#: 2004/02/19-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4.3	1.0	mg/Kg	1.00	02/20/2004 07:31	ldr
Motor Oil	ND	50	mg/Kg	1.00	02/20/2004 07:31	
Surrogate(s) o-Terphenyl	80.6	60-130	%	1.00	02/20/2004 07:31	

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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-3 44 1/2-45 Lab ID: 2004-02-0487 - 29
Sampled: 02/10/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/18/2004 18:20	
Motor Oil	ND	50	mg/Kg	1.00	02/18/2004 18:20	
Surrogate(s)						
o-Terphenyl	82.1	60-130	%	1.00	02/18/2004 18:20	

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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-4 1/2-1 Lab ID: 2004-02-0487 - 30
Sampled: 02/11/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	81	1.0	mg/Kg	1.00	02/19/2004 10:33	ldr
Motor Oil	ND	50	mg/Kg	1.00	02/19/2004 10:33	
Surrogate(s)						
o-Terphenyl	79.0	60-130	%	1.00	02/19/2004 10:33	

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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-4 3 1/2-4 Lab ID: 2004-02-0487 - 31
Sampled: 02/11/2004 Extracted: 2/19/2004 10:44
Matrix: Soil QC Batch#: 2004/02/19-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/20/2004 07:00	
Motor Oil	ND	50	mg/Kg	1.00	02/20/2004 07:00	
Surrogate(s)						
o-Terphenyl	78.7	60-130	%	1.00	02/20/2004 07:00	

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Fanoe Ranch

Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-4 44 1/2-45 Lab ID: 2004-02-0487 - 33
Sampled: 02/11/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/18/2004 23:40	
Motor Oil	ND	50	mg/Kg	1.00	02/18/2004 23:40	
Surrogate(s)						
o-Terphenyl	86.2	60-130	%	1.00	02/18/2004 23:40	

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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-5 0-1/2 Lab ID: 2004-02-0487 - 34
Sampled: 02/11/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	56	1.0	mg/Kg	1.00	02/18/2004 18:47	ldr
Motor Oil	52	50	mg/Kg	1.00	02/18/2004 18:47	
Surrogate(s) o-Terphenyl	86.6	60-130	%	1.00	02/18/2004 18:47	

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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-5 2 1/2-3 Lab ID: 2004-02-0487 - 35
Sampled: 02/11/2004 Extracted: 2/19/2004 10:44
Matrix: Soil QC Batch#: 2004/02/19-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	02/20/2004 07:31	
Motor Oil	ND	50	mg/Kg	1.00	02/20/2004 07:31	
Surrogate(s) o-Terphenyl	78.8	60-130	%	1.00	02/20/2004 07:31	

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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-6 0-1/2 Lab ID: 2004-02-0487 - 38
Sampled: 02/11/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	69	1.0	mg/Kg	1.00	02/19/2004 01:26	ldr
Motor Oil	380	50	mg/Kg	1.00	02/19/2004 01:26	
Surrogate(s) o-Terphenyl	92.0	60-130	%	1.00	02/19/2004 01:26	

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Project: 1989-1B
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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-7 0-1/2 Lab ID: 2004-02-0487 - 41
Sampled: 02/11/2004 Extracted: 2/18/2004 10:59
Matrix: Soil QC Batch#: 2004/02/18-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	120	1.0	mg/Kg	1.00	02/19/2004 00:59	ldr
Motor Oil	140	50	mg/Kg	1.00	02/19/2004 00:59	
Surrogate(s) o-Terphenyl	95.9	60-130	%	1.00	02/19/2004 00:59	

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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: EB-7 2-2 1/2 Lab ID: 2004-02-0487 - 42
Sampled: 02/11/2004 Extracted: 2/19/2004 10:44
Matrix: Soil QC Batch#: 2004/02/19-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4.6	1.0	mg/Kg	1.00	02/20/2004 07:00	ldr
Motor Oil	ND	50	mg/Kg	1.00	02/20/2004 07:00	
Surrogate(s) o-Terphenyl	76.7	60-130	%	1.00	02/20/2004 07:00	

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Received: 02/13/2004 13:15

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: SB-3 0-1/2 Lab ID: 2004-02-0487 - 50
Sampled: 02/11/2004 Extracted: 2/19/2004 10:44
Matrix: Soil QC Batch#: 2004/02/19-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3.0	1.0	mg/Kg	1.00	02/20/2004 09:02	ndp
Motor Oil	ND	50	mg/Kg	1.00	02/20/2004 09:02	
Surrogate(s) o-Terphenyl	90.7	60-130	%	1.00	02/20/2004 09:02	

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M
Method Blank Soil QC Batch # 2004/02/18-05.10
MB: 2004/02/18-05.10-003 Date Extracted: 02/18/2004 10:59

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	1.01	1	mg/Kg	02/19/2004 10:02	b
Motor Oil	ND	50	mg/Kg	02/19/2004 10:02	
Surrogate(s) o-Terphenyl	87.4	60-130	%	02/19/2004 10:02	

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Project: 1989-1B
Fanoe Ranch

Received: 02/13/2004 13:15

Batch QC Report

Prep(s): 3550/8015M Test(s): 8015M
Method Blank Soil QC Batch # 2004/02/19-05.10
MB: 2004/02/19-05.10-003 Date Extracted: 02/19/2004 10:44

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	02/20/2004 08:01	
Motor Oil	ND	50	mg/Kg	02/20/2004 08:01	
Surrogate(s) o-Terphenyl	87.4	60-130	%	02/20/2004 08:01	