

September 11, 2009

Michele Woods
AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

Subject: **Calscience Work Order No.: 09-09-0217**
Client Reference: **Sediment Sampling**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/2/2009 and analyzed in accordance with the attached chain-of-custody.

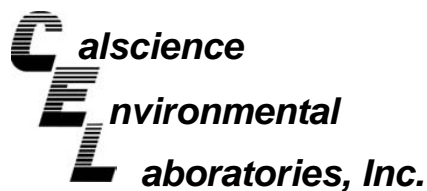
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads 'Vikas Patel'.

Calscience Environmental
Laboratories, Inc.
Vikas Patel
Project Manager



Analytical Report



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

Date Received: 09/02/09
Work Order No: 09-09-0217
Preparation: EPA 3010A Total
Method: EPA 6010B
Units: mg/L

Project: Sediment Sampling

Page 1 of 1

Client Sample Number	Lab Sample Number	Date /Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
R9-090109	09-09-0217-1-D	09/01/09 08:06	Aqueous	ICP 5300	09/03/09	09/04/09 10:35	090903LA5

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.00500	1		Lead	ND	0.0100	1	
Chromium	ND	0.00500	1		Nickel	ND	0.00500	1	
Copper	0.00519	0.00500	1		Zinc	0.0580	0.0100	1	

Method Blank	097-01-003-9,699	N/A	Aqueous	ICP 5300	09/03/09	09/04/09 10:29	090903LA5
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Cadmium	ND	0.00500	1		Lead	ND	0.0100	1	
Chromium	ND	0.00500	1		Nickel	ND	0.00500	1	
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



AECOM Environment
 3995 Via Oro Avenue
 Long Beach, CA 90810-1869

Date Received: 09/02/09
 Work Order No: 09-09-0217
 Preparation: EPA 3510C
 Method: EPA 8015B (M)
 Units: ug/L

Project: Sediment Sampling

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
R9-090109	09-09-0217-1-E	09/01/09 08:06	Aqueous	GC 47	09/04/09	09/04/09 21:15	090904B05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
C6	ND		1		C21-C22	ND		1	
C7	ND		1		C23-C24	ND		1	
C8	ND		1		C25-C28	ND		1	
C9-C10	ND		1		C29-C32	ND		1	
C11-C12	ND		1		C33-C36	ND		1	
C13-C14	ND		1		C37-C40	ND		1	
C15-C16	ND		1		C41-C44	ND		1	
C17-C18	ND		1		C6-C44 Total	ND	500	1	
C19-C20	ND		1						
Surrogates:	REC (%)	Control Limits		Qual					
Decachlorobiphenyl	116	68-140							

Method Blank	099-12-308-1,182	N/A	Aqueous	GC 47	09/04/09	09/04/09 20:27	090904B05
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Parameter	Result	RL	DF	Qual
TPH as Diesel	ND	500	1	
Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	115	68-140		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



AECOM Environment
 3995 Via Oro Avenue
 Long Beach, CA 90810-1869

Date Received: 09/02/09
 Work Order No: 09-09-0217
 Preparation: EPA 3510C
 Method: EPA 8270C
 Units: ug/L

Project: Sediment Sampling

Page 1 of 1

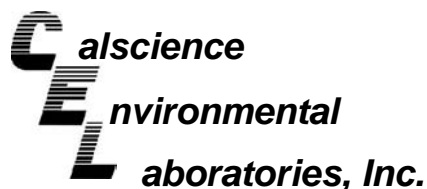
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
R9-090109	09-09-0217-1-B	09/01/09 08:06	Aqueous	GC/MS P	09/04/09	09/09/09 14:06	090904L09

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Acenaphthylene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
Acenaphthene	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
Fluorene	ND	10	1		Benzo (a) Pyrene	ND	10	1	
Phenanthrene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
Anthracene	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Fluoranthene	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Pyrene	ND	10	1		1-Methylnaphthalene	ND	10	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
2-Fluorophenol	34	7-121			Phenol-d6	19	1-127		
Nitrobenzene-d5	93	50-146			2-Fluorobiphenyl	86	42-138		
2,4,6-Tribromophenol	84	41-137			p-Terphenyl-d14	106	47-173		

Method Blank	095-01-003-2,749	N/A	Aqueous	GC/MS P	09/04/09	09/09/09 12:00	090904L09
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Naphthalene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
Acenaphthylene	ND	10	1		Benzo (k) Fluoranthene	ND	10	1	
Acenaphthene	ND	10	1		Benzo (b) Fluoranthene	ND	10	1	
Fluorene	ND	10	1		Benzo (a) Pyrene	ND	10	1	
Phenanthrene	ND	10	1		Benzo (g,h,i) Perylene	ND	10	1	
Anthracene	ND	10	1		Indeno (1,2,3-c,d) Pyrene	ND	10	1	
Fluoranthene	ND	10	1		Dibenz (a,h) Anthracene	ND	10	1	
Pyrene	ND	10	1		1-Methylnaphthalene	ND	10	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
2-Fluorophenol	39	7-121			Phenol-d6	24	1-127		
Nitrobenzene-d5	93	50-146			2-Fluorobiphenyl	91	42-138		
2,4,6-Tribromophenol	86	41-137			p-Terphenyl-d14	109	47-173		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

Date Received: 09/02/09
Work Order No: 09-09-0217
Preparation: EPA 3510C
Method: EPA 8082
Units: ug/L

Project: Sediment Sampling

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
R9-090109	09-09-0217-1-A	09/01/09 08:06	Aqueous	GC 31	09/04/09	09/08/09 20:56	090904L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	0.50	1		Aroclor-1248	ND	0.50	1	
Aroclor-1221	ND	0.50	1		Aroclor-1254	ND	0.50	1	
Aroclor-1232	ND	0.50	1		Aroclor-1260	ND	0.50	1	
Aroclor-1242	ND	0.50	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	90	50-135			2,4,5,6-Tetrachloro-m-Xylene	101	50-135		

Method Blank	099-12-527-133	N/A	Aqueous	GC 31	09/04/09	09/08/09 19:02	090904L01
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Aroclor-1016	ND	0.50	1		Aroclor-1248	ND	0.50	1	
Aroclor-1221	ND	0.50	1		Aroclor-1254	ND	0.50	1	
Aroclor-1232	ND	0.50	1		Aroclor-1260	ND	0.50	1	
Aroclor-1242	ND	0.50	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Decachlorobiphenyl	120	50-135			2,4,5,6-Tetrachloro-m-Xylene	121	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



AECOM Environment
 3995 Via Oro Avenue
 Long Beach, CA 90810-1869

Date Received: 09/02/09
 Work Order No: 09-09-0217
 Preparation: EPA 3510C
 Method: EPA 8081A
 Units: ug/L

Project: Sediment Sampling

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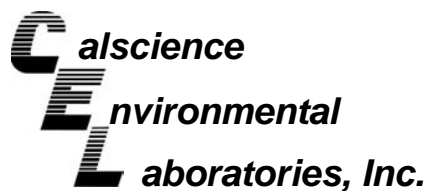
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
R9-090109	09-09-0217-1-A	09/01/09 08:06	Aqueous	GC 51	09/04/09	09/09/09 21:17	090904L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
4,4'-DDE	ND	0.050	1		2,4'-DDD	ND	0.050	1	
4,4'-DDD	ND	0.050	1		2,4'-DDE	ND	0.050	1	
4,4'-DDT	ND	0.050	1		2,4'-DDT	ND	0.050	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	115	50-135			2,4,5,6-Tetrachloro-m-Xylene	120	50-135		

Method Blank	099-12-830-29	N/A	Aqueous	GC 51	09/04/09	09/09/09 20:50	090904L02
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Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
4,4'-DDE	ND	0.050	1		2,4'-DDD	ND	0.050	1	
4,4'-DDD	ND	0.050	1		2,4'-DDE	ND	0.050	1	
4,4'-DDT	ND	0.050	1		2,4'-DDT	ND	0.050	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Decachlorobiphenyl	99	50-135			2,4,5,6-Tetrachloro-m-Xylene	85	50-135		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

Date Received: 09/02/09
Work Order No: 09-09-0217

Project: Sediment Sampling

Page 1 of 1

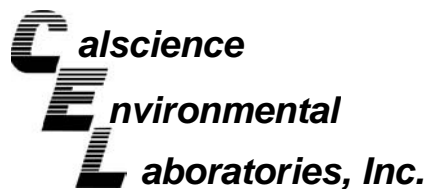
Client Sample Number	Lab Sample Number	Date Collected	Matrix
R9-090109	09-09-0217-1	09/01/09	Aqueous

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	1.1	0.50	1		mg/L	N/A	09/03/09	EPA 415.1

Method Blank	N/A	Aqueous
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Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Carbon, Total Organic	ND	0.50	1		mg/L	N/A	09/03/09	EPA 415.1

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

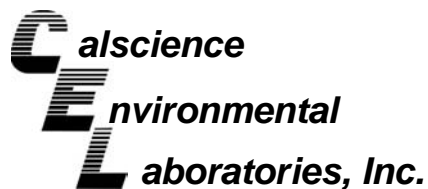
Date Received: 09/02/09
Work Order No: 09-09-0217
Preparation: EPA 3010A Total
Method: EPA 6010B

Project Sediment Sampling

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
R9-090109	Aqueous	ICP 5300	09/03/09	09/04/09	090903SA5

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	100	106	82-124	5	0-7	
Chromium	99	104	86-122	5	0-8	
Copper	102	107	78-126	4	0-7	
Lead	103	106	84-120	3	0-7	
Nickel	107	111	84-120	4	0-7	
Zinc	98	112	89-131	12	0-8	4

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - PDS / PDSD



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

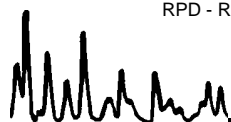
Date Received 09/02/09
Work Order No: 09-09-0217
Preparation: EPA 3010A Total
Method: EPA 6010B

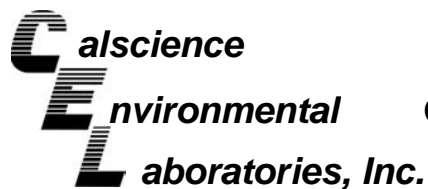
Project: Sediment Sampling

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
R9-090109	Aqueous	ICP 5300	09/03/09	09/08/09	090903SA5

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	95	96	75-125	1	0-7	
Chromium	93	95	75-125	1	0-8	
Copper	95	95	75-125	1	0-7	
Lead	97	99	75-125	2	0-7	
Nickel	99	101	75-125	2	0-7	
Zinc	95	95	75-125	0	0-8	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

Date Received: N/A
Work Order No: 09-09-0217

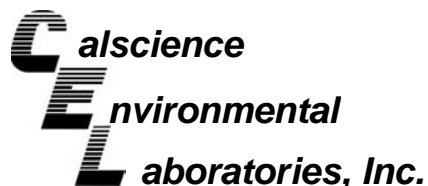
Project: Sediment Sampling

Matrix: Aqueous or Solid

<u>Parameter</u>	<u>Method</u>	<u>Quality Control Sample ID</u>	<u>Date Analyzed</u>	<u>Date Extracted</u>	<u>MS% REC</u>	<u>MSD % REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Carbon, Total Organic	EPA 415.1	R9-090109	09/03/09	N/A	97	95	70-130	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92841-1427 . TEL:(714) 895-5494 . FAX: (714) 894-7501



Quality Control - LCS/LCS Duplicate



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

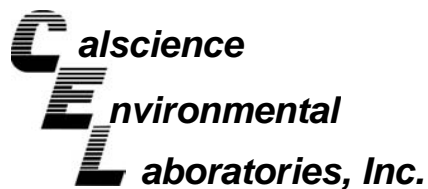
Date Received: N/A
Work Order No: 09-09-0217
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: Sediment Sampling

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-9,699	Aqueous	ICP 5300	09/03/09	09/04/09	090903LA5

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	107	106	80-120	2	0-20	
Chromium	107	105	80-120	1	0-20	
Copper	110	108	80-120	1	0-20	
Lead	109	107	80-120	2	0-20	
Nickel	114	112	80-120	2	0-20	
Zinc	105	104	80-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

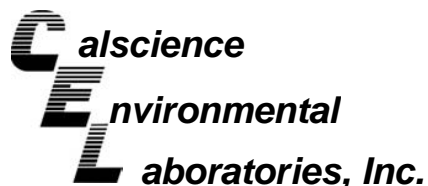
Date Received: N/A
Work Order No: 09-09-0217
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: Sediment Sampling

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-308-1,182	Aqueous	GC 47	09/04/09	09/04/09	090904B05

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	102	100	75-117	3	0-13	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

Date Received: N/A
Work Order No: 09-09-0217
Preparation: EPA 3510C
Method: EPA 8270C

Project: Sediment Sampling

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
095-01-003-2,749	Aqueous	GC/MS P	09/04/09	09/09/09	090904L09		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Phenol	35	35	4-142	0-165	2	0-24	
2-Chlorophenol	81	81	53-113	43-123	0	0-17	
1,4-Dichlorobenzene	51	50	50-122	38-134	2	0-19	
N-Nitroso-di-n-propylamine	88	88	56-146	41-161	0	0-22	
Naphthalene	69	69	21-133	2-152	0	0-20	
4-Chloro-3-Methylphenol	96	94	55-121	44-132	2	0-18	
Dimethyl Phthalate	90	88	0-112	0-131	2	0-20	
Acenaphthylene	83	84	33-145	14-164	0	0-20	
Acenaphthene	89	90	55-139	41-153	2	0-17	
4-Nitrophenol	31	31	1-145	0-169	2	0-29	
2,4-Dinitrotoluene	75	75	41-161	21-181	0	0-22	
Fluorene	91	93	59-121	49-131	2	0-20	
Pentachlorophenol	55	53	34-130	18-146	4	0-23	
Pyrene	103	110	38-170	16-192	7	0-27	
Butyl Benzyl Phthalate	100	107	0-152	0-177	7	0-20	
1,2,4-Trichlorobenzene	59	58	49-121	37-133	2	0-19	

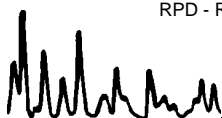
Total number of LCS compounds : 16

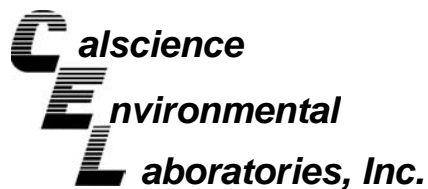
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

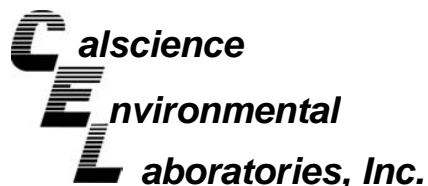
Date Received: N/A
Work Order No: 09-09-0217
Preparation: EPA 3510C
Method: EPA 8082

Project: Sediment Sampling

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-527-133	Aqueous	GC 31	09/04/09	09/08/09	090904L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Aroclor-1260	100	99	50-135	1	0-25	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

Date Received: N/A
Work Order No: 09-09-0217
Preparation: EPA 3510C
Method: EPA 8081A

Project: Sediment Sampling

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-830-29	Aqueous	GC 51	09/04/09	09/09/09	090904L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Alpha-BHC	130	127	50-135	36-149	2	0-25	
Gamma-BHC	128	126	50-135	36-149	2	0-25	
Beta-BHC	123	121	50-135	36-149	1	0-25	
Heptachlor	108	106	50-135	36-149	2	0-25	
Delta-BHC	111	108	50-135	36-149	2	0-25	
Aldrin	94	91	50-135	36-149	3	0-25	
Heptachlor Epoxide	120	118	50-135	36-149	2	0-25	
Endosulfan I	132	128	50-135	36-149	3	0-25	
Dieldrin	114	111	50-135	36-149	3	0-25	
4,4'-DDE	116	113	50-135	36-149	3	0-25	
Endrin	125	127	50-135	36-149	1	0-25	
Endrin Aldehyde	124	118	50-135	36-149	5	0-25	
4,4'-DDD	121	117	50-135	36-149	3	0-25	
Endosulfan II	118	114	50-135	36-149	3	0-25	
4,4'-DDT	123	120	50-135	36-149	2	0-25	
Endosulfan Sulfate	116	114	50-135	36-149	2	0-25	
Methoxychlor	118	117	50-135	36-149	1	0-25	
Endrin Ketone	112	101	50-135	36-149	11	0-25	
Alpha Chlordane	119	117	50-135	36-149	2	0-25	
Gamma Chlordane	110	107	50-135	36-149	3	0-25	

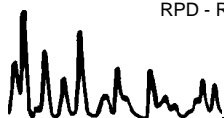
Total number of LCS compounds : 20

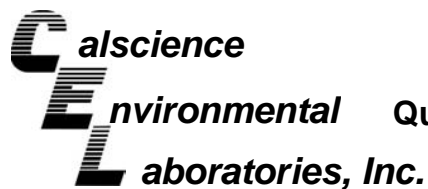
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Laboratory Control Sample



AECOM Environment
3995 Via Oro Avenue
Long Beach, CA 90810-1869

Date Received:
Work Order No:

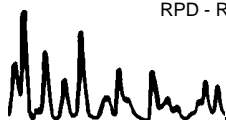
N/A
09-09-0217

Project: Sediment Sampling

Matrix: Aqueous or Solid

<u>Parameter</u>	<u>Method</u>	<u>Quality Control Sample ID</u>	<u>Date Analyzed</u>	<u>Date Extracted</u>	<u>Conc. Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec</u>	<u>%Rec CL</u>	<u>Qualifiers</u>
Carbon, Total Organic	EPA 415.1	099-05-097-3,548	09/03/09	N/A	5.00	4.68	94	80-120	

RPD - Relative Percent Difference , CL - Control Limit



Glossary of Terms and Qualifiers



Work Order Number: 09-09-0092

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.





DATE: 9/2/2009
PAGE: 1 OF 1

[illegible]

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: ATCOM

DATE: 9/2/09

TEMPERATURE: (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.9 °C - 0.2 °C (CF) = 2.7 °C ☒ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only

Initial: WJS

CUSTODY SEALS INTACT:

☐ Cooler ☐ _____ ☐ No (Not Intact) ☒ Not Present ☐ N/A

Initial: WJS

☐ Sample ☐ _____ ☐ No (Not Intact) ☒ Not Present

Initial: WJS

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.

☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.

Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------	--------------------------

Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------	--------------------------

Proper preservation noted on COC or sample container.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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☐ Unpreserved vials received for Volatiles analysis

Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	--------------------------	-------------------------------------

CONTAINER TYPE:

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve ☐ EnCores® ☐ TerraCores® ☐ _____

Water: ☐ VOA ☐ VOA^h ☐ VOA_{Na2} ☐ 125AGB ☐ 125AGB^h ☐ 125AGB^p ☐ 1AGB ☒ 1AGB^{Na2} ☐ 1AGBs

☐ 500AGB ☒ 500AGJ ☐ 500AGJs ☐ 250AGB ☐ 250CGB ☒ 250CGBs ☐ 1PB ☐ 500PB ☐ 500PB^{Na}

☐ 250PB ☒ 250PBⁿ ☐ 125PB ☐ 125PB^{znna} ☐ 100PJ ☐ 100PJ^{Na2} ☐ _____ ☐ _____ ☐ _____

Air: ☐ Tedlar® ☐ Summa® ☐ _____ **Other:** ☐ _____ **Checked/Labeled by:** WJS

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelop **Reviewed by:** WJS

Preservative: h: HCL n: HNO3 na₂: Na₂S₂O₃ Na: NaOH p: H₃PO₄ s: H₂SO₄ znna: ZnAc₂+NaOH f: Field-filtered **Scanned by:** WJS