

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Tuesday, June 03, 2014 9:21 AM
To: 'Peter Sims'
Subject: RO3122: Ashland Housing Project Fill Import

Peter,

Based on the information provided, Alameda County Environmental Health has no objections to the use of imported fill from the Evelyn-Marshall site in Sunnyvale, CA described in the submitted documents. We request that the imported fill be periodically inspected by a qualified environmental professional to assure that the imported fill is consistent with the assumed conditions. Undocumented fill or fill that is not consistent with the described native soil from the Evelyn-Marshall site is not to be placed at the Ashland Housing site. The inspections and placement of the fill are to be documented and described in the Remedial Action Completion Report that is to be submitted following completion of site grading.

Regards,
Jerry Wickham
Alameda County Environmental Health
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From: Peter Sims [<mailto:psims@ninyoandmoore.com>]
Sent: Monday, June 02, 2014 3:25 PM
To: Wickham, Jerry, Env. Health
Subject: Ashland Housing Project Fill Import

Hi Jerry,

Ashland has found a source that appears to me to be acceptable for import. Please review the attached data as well as the answers to your list of required information below:

1) Some background on environmental conditions at the site where the fill comes from. Some documentation such as a Phase I report or other information from a qualified professional indicating whether the site has any known or suspected environmental conditions.

Phase I ESA is attached.

2) The sample location and volume that each sample represents such as does the sample go with a stockpile of a certain volume.

Sample location map is attached. 1,500 cubic yards of soil will be imported from the northern property (Evelyn-Marshall). The soil samples were collected in-situ. The fill soil will be excavated from 0 to 5 feet bgs and will be direct loaded at the source property and exported to the Ashland site.

3) The type of samples - composite or discrete and how they were collected.

Discrete in-situ samples were collected from the source property.

4) The type of fill and the heterogeneity.

The fill is clayey sand or sandy clay from 0 to 5 feet bgs with some gravel at shallower depths (see attached geotechnical report for soil descriptions/boring logs).

5) Whether the fill contains any debris, construction material, baserock, or other non-native materials.

Non-native materials were not reported in the boring logs of the geotechnical report.

6) Whether any staining or odor was observed.

Staining and odor were not reported.

7) Where the soil is to be used at the site. In this case, will the soil be used in housing areas or under a street?

Fill soil is to be used across the site beneath both housing and parking/street areas.

8) Whether this is a variance from the Work Plan.

The Work Plan did not address import fill.

9) Laboratory analytical results.

See attached.

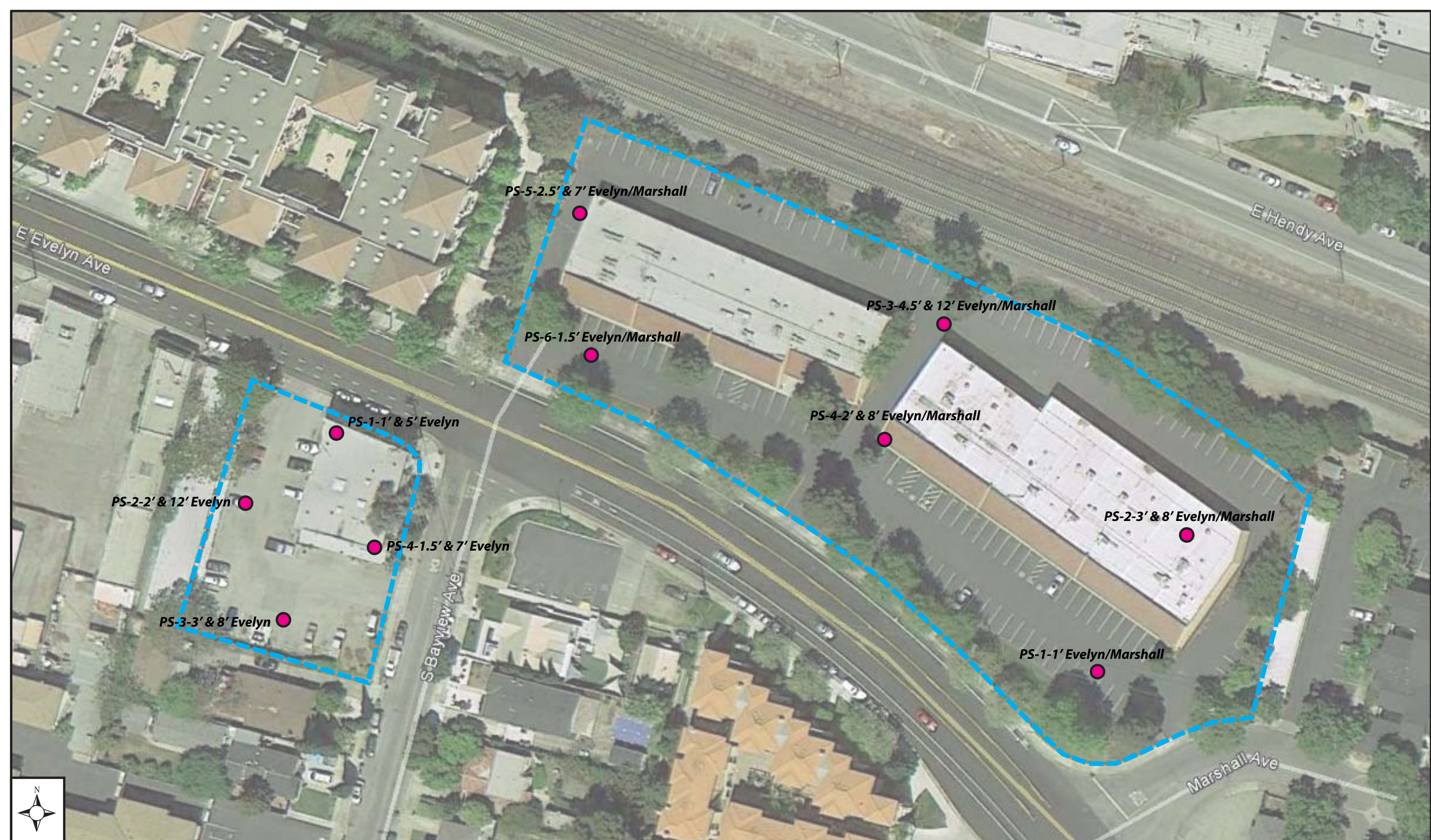
Peter D. Sims, LEED AP
Project Environmental Geologist

Ninyo & Moore

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PS-4-1' ● -Sample ID, Approximate Depth & Sample Location
 - - - - -Approximate Site Limits

Approx. cy

Sample Map
 4/25/14
 PS-1-4 Evelyn &
 PS-1-6 Evelyn/Marshall

Sunnyvale, Evelyn Apartments

Image by: Google Earth

Map by: Bryan Brasesco

Pacific States
 ENVIRONMENTAL CONTRACTORS, INC.

Soil Sample Data Summary
5/5/2014

Project Location / Name	Sunnyvale / Evelyn		Sunnyvale / Evelyn		Sunnyvale / Evelyn		Sunnyvale / Evelyn		Sunnyvale / Evelyn		Sunnyvale / Evelyn		Sunnyvale / Evelyn		Sunnyvale / Evelyn		Sunnyvale / Evelyn		Sunnyvale / Evelyn		
Sample Date	4/25/2014		4/25/2014		4/25/2014		4/25/2014		4/25/2014		4/25/2014		4/25/2014		4/25/2014		4/25/2014		4/25/2014		
Sample ID/Location	PS-1-1' EVELYN/MARSH		PS-2-3' EVELYN/MARSH		PS-2-8' EVELYN/MARSH		PS-3-4-5' EVELYN/MARSH		PS-3-12' EVELYN/MARSH		PS-4-2' EVELYN/MARSH		PS-4-8' EVELYN/MARSH		PS-5-2-5' EVELYN/MARSH		PS-5-7' EVELYN/MARSH		PS-6-1-5' EVELYN/MARSH		
	Tier 1 2013 ESL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL	Value	RL
Metals (CAM17)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Antimony	20	ND	0.45	ND	0.44	ND	0.44	ND	0.47	ND	0.94	ND	0.81	ND	0.49	ND	0.45	ND	0.46	ND	0.47
Arsenic	0.39	3.2	0.89	3.3	0.88	3	0.88	3.2	0.93	2.8	1.9	2.6	1.6	2.7	0.97	3.7	0.91	3.2	0.92	3.2	0.94
Barium	750	110	0.45	110	0.44	110	0.44	120	0.47	110	0.94	100	0.81	84	0.49	140	0.45	100	0.46	94	0.47
Beryllium	4	ND	0.089	ND	0.088	ND	0.088	ND	0.093	ND	0.19	ND	0.16	ND	0.097	ND	0.091	ND	0.092	ND	0.094
Cadmium	12	ND	0.11	ND	0.11	ND	0.11	ND	0.12	ND	0.24	ND	0.2	ND	0.12	0.13	0.11	0.11	0.11	ND	0.12
Chromium	1000	45	0.45	41	0.44	41	0.44	51	0.47	50	0.94	52	0.81	50	0.49	43	0.45	42	0.46	57	0.47
Cobalt	23	9	0.18	8.9	0.18	8.8	0.18	8.7	0.19	15	0.38	11	0.32	9	0.19	9.5	0.18	9.5	0.18	8.1	0.19
Copper	230	21	1.3	23	1.3	20	1.3	22	1.4	28	2.8	24	2.4	19	1.5	24	1.4	22	1.4	22	1.4
Lead	80	4.7	0.45	4.9	0.44	4	0.44	4.6	0.47	3.5	0.94	9.3	0.81	4.3	0.49	9.5	0.45	4.6	0.46	4.7	0.47
Molybdenum	40	ND	0.45	ND	0.44	ND	0.44	ND	0.47	ND	0.94	ND	0.81	ND	0.49	ND	0.45	ND	0.46	ND	0.47
Nickel	150	49	0.45	47	0.44	47	0.44	47	0.47	53	0.94	42	0.81	55	0.49	53	0.45	50	0.46	51	0.47
Selenium	10	ND	0.89	ND	0.88	ND	0.88	ND	0.93	ND	1.9	ND	1.6	ND	0.97	ND	0.91	ND	0.92	ND	0.94
Silver	20	ND	0.22	ND	0.22	ND	0.22	ND	0.23	ND	0.47	ND	0.4	ND	0.24	ND	0.23	ND	0.23	ND	0.24
Thallium	0.78	ND	0.45	ND	0.44	ND	0.44	ND	0.47	ND	0.94	ND	0.81	ND	0.49	ND	0.45	ND	0.46	ND	0.47
Vanadium	200	36	0.45	36	0.44	40	0.44	38	0.47	63	0.94	50	0.81	42	0.49	37	0.45	39	0.46	37	0.47
Zinc	600	35	1.3	37	1.3	33	1.3	35	1.4	43	2.8	47	2.4	33	1.5	43	1.4	34	1.4	37	1.4
Mercury	6.7	0.077	0.009	0.058	0.01	0.048	0.009	0.083	0.008	0.05	0.008	0.052	0.01	0.06	0.008	0.076	0.009	0.076	0.009	0.042	0.01
TPH (3550/3510/8015B)	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Gasoline Range Organics (GRO)-C5-C12	100000	ND	230	ND	240	ND	240	ND	250	ND	240	ND	250	ND	250	ND	250	ND	250	ND	250
TPH (3550/3510/8015B)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Diesel Range Organics [C10-C28]	100	ND	0.99	ND	1	ND	0.99	0.99	0.99	ND	0.99	3.1	1	ND	0.99	1.3	0.99	1.7	1	ND	0.99
Motor Oil Range Organics [C24-C36]	100	ND	50	ND	50	ND	50	ND	50	ND	49	ND	50	ND	50	ND	49	ND	50	ND	49
SVOC's (8270C)	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
Acenaphthene	16000	ND	5	ND	5	ND	5	ND	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Acenaphthylene	13000	ND	5	ND	5	ND	5	ND	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Anthracene	2800	ND	5	ND	5	ND	5	ND	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Benzo[a]anthracene	380	ND	5	ND	5	ND	5	7.2	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Benzo[a]pyrene	38	ND	5	ND	5	ND	5	6.5	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Benzo[b]fluoranthene	380	ND	5	ND	5	ND	5	18	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Benzo[g,h,i]perylene	27000	ND	5	ND	5	ND	5	7.4	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Benzo[k]fluoranthene	380	ND	5	ND	5	ND	5	6.7	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Chrysene	3800	ND	5	ND	5	ND	5	11	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Dibenz(a,h)anthracene	110	ND	5	ND	5	ND	5	ND	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Fluoranthene	40000	ND	5	ND	5	ND	5	11	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Fluorene	8900	ND	5	ND	5	ND	5	ND	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Indeno[1,2,3-cd]pyrene	380	ND	5	ND	5	ND	5	7.2	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Naphthalene	1200	ND	9.3	ND	9.5	ND	9.7	ND	10	ND	9.7	ND	9.9	ND	10	ND	9.8	ND	9.9	ND	9.8
Phenanthrene	11000	ND	5	ND	5	ND	5	ND	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
Pyrene	85000	ND	5	ND	5	ND	5	7.5	5	ND	4.9	ND	5	ND	4.9	ND	5	ND	4.9	ND	5
VOC's (8260B)	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
VOC Total Remaining	--																				
Acetone	500	ND	46	ND	48	ND	48	ND	50	ND	49	ND	49	ND	50	ND	49	ND	49	ND	49
Chlorobenzene	1500	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
Chloroethane	1100	ND	9.3	ND	9.5	ND	9.7	ND	10	ND	9.7	ND	9.9	ND	10	ND	9.8	ND	9.9	ND	9.8
Chloromethane	20000	ND	9.3	ND	9.5	ND	9.7	ND	10	ND	9.7	ND	9.9	ND	10	ND	9.8	ND	9.9	ND	9.8
Dibromoethane, 1,2-	0.33																				
1,2-Dichlorobenzene	1100	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
1,4-Dichlorobenzene	590	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
1,1-Dichloroethane	200	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
cis-1,2-Dichloroethane	190	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
trans-1,2-Dichloroethane	670	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
Ethylbenzene	3300	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
Methylene Chloride	77	ND	9.3	ND	9.5	ND	9.7	ND	10	ND	9.7	ND	9.9	ND	10	ND	9.8	ND	9.9	ND	9.8
Methyl ethyl ketone	4500																				
Methyl tert-butyl ether	23	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
1,1,1,2-Tetrachloroethane	9.1	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
1,1,2,2-Tetrachloroethane	18	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
Tetrachloroethene	550	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
Trichloroethene	460	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
Vinyl chloride	32	ND	4.6	ND	4.8	ND	4.8	ND	5	ND	4.9	ND	4.9	ND	5	ND	4.9	ND	4.9	ND	4.9
Xylenes, Total	2300	ND	9.3	ND	9.5	ND	9.7	ND	10	ND	9.7	ND	9.9	ND	10	ND	9.8	ND	9.9	ND	9.8
PCB's (8082)	ug/kg	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg		ug/kg	
PCB-1016	220	ND	48	ND	50	ND	49	ND	50	ND	48	ND	49	ND	50	ND					

TestAmerica

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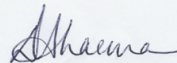
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-57003-1
Client Project/Site: Evelyn Ironworks

For:
Pacific States Environmental
11555 Dublin Blvd
Dublin, California 94568

Attn: Mr. Bryan Evans



Authorized for release by:
5/5/2014 1:44:25 PM

Dimple Sharma, Senior Project Manager
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LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Job ID: 720-57003-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-57003-1

Comments

No additional comments.

Receipt

The samples were received on 4/25/2014 12:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.7° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted.

Metals

Method 6010B: The method blank for batch 158330 contained Zn above the reporting limit (RL). Associated sample were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 6010B: The following sample was diluted due to the abundance of non-target analyte Fe: PS-3-12' EVELYN/MARSHALL (720-57003-13), PS-4-2' EVELYN/MARSHALL (720-57003-14). Elevated reporting limits (RLs) are provided.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 158330 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The serial dilution performed for the following sample associated with batch 158564 was outside control limits: (720-57003-1 SD)

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN

Lab Sample ID: 720-57003-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.87		0.47		mg/Kg	1		6010B	Total/NA
Arsenic	3.8		0.94		mg/Kg	1		6010B	Total/NA
Barium	140		0.47		mg/Kg	1		6010B	Total/NA
Beryllium	0.32		0.094		mg/Kg	1		6010B	Total/NA
Chromium	50		0.47		mg/Kg	1		6010B	Total/NA
Cobalt	11		0.19		mg/Kg	1		6010B	Total/NA
Copper	26		1.4		mg/Kg	1		6010B	Total/NA
Lead	5.7		0.47		mg/Kg	1		6010B	Total/NA
Nickel	54		0.47		mg/Kg	1		6010B	Total/NA
Vanadium	42		0.47		mg/Kg	1		6010B	Total/NA
Zinc	44	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.053		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-1-5' EVELYN

Lab Sample ID: 720-57003-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	4.4		1.0		mg/Kg	1		8015B	Silica Gel Cleanup
4,4'-DDT	2.5		1.9		ug/Kg	1		8081A	Total/NA
Antimony	0.79		0.48		mg/Kg	1		6010B	Total/NA
Arsenic	3.4		0.96		mg/Kg	1		6010B	Total/NA
Barium	110		0.48		mg/Kg	1		6010B	Total/NA
Chromium	47		0.48		mg/Kg	1		6010B	Total/NA
Cobalt	9.9		0.19		mg/Kg	1		6010B	Total/NA
Copper	25		1.4		mg/Kg	1		6010B	Total/NA
Lead	5.6		0.48		mg/Kg	1		6010B	Total/NA
Nickel	47		0.48		mg/Kg	1		6010B	Total/NA
Vanadium	47		0.48		mg/Kg	1		6010B	Total/NA
Zinc	38	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.055		0.0088		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-2-2' EVELYN

Lab Sample ID: 720-57003-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	3.3		1.9		ug/Kg	1		8081A	Total/NA
Antimony	0.51		0.42		mg/Kg	1		6010B	Total/NA
Arsenic	3.4		0.84		mg/Kg	1		6010B	Total/NA
Barium	120		0.42		mg/Kg	1		6010B	Total/NA
Beryllium	0.29		0.084		mg/Kg	1		6010B	Total/NA
Chromium	39		0.42		mg/Kg	1		6010B	Total/NA
Cobalt	8.7		0.17		mg/Kg	1		6010B	Total/NA
Copper	21		1.3		mg/Kg	1		6010B	Total/NA
Lead	5.8		0.42		mg/Kg	1		6010B	Total/NA
Nickel	47		0.42		mg/Kg	1		6010B	Total/NA
Vanadium	33		0.42		mg/Kg	1		6010B	Total/NA
Zinc	38	B	1.3		mg/Kg	1		6010B	Total/NA
Mercury	0.15		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-2-12' EVELYN

Lab Sample ID: 720-57003-4

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-12' EVELYN (Continued)

Lab Sample ID: 720-57003-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	2.3		2.0		ug/Kg	1		8081A	Total/NA
Antimony	0.66		0.45		mg/Kg	1		6010B	Total/NA
Arsenic	4.0		0.91		mg/Kg	1		6010B	Total/NA
Barium	110		0.45		mg/Kg	1		6010B	Total/NA
Chromium	47		0.45		mg/Kg	1		6010B	Total/NA
Cobalt	9.3		0.18		mg/Kg	1		6010B	Total/NA
Copper	23		1.4		mg/Kg	1		6010B	Total/NA
Lead	7.5		0.45		mg/Kg	1		6010B	Total/NA
Nickel	48		0.45		mg/Kg	1		6010B	Total/NA
Vanadium	41		0.45		mg/Kg	1		6010B	Total/NA
Zinc	39	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.078		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-3-3' EVELYN

Lab Sample ID: 720-57003-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.7		0.99		mg/Kg	1		6010B	Total/NA
Barium	120		0.50		mg/Kg	1		6010B	Total/NA
Chromium	49		0.50		mg/Kg	1		6010B	Total/NA
Cobalt	10		0.20		mg/Kg	1		6010B	Total/NA
Copper	27		1.5		mg/Kg	1		6010B	Total/NA
Lead	5.5		0.50		mg/Kg	1		6010B	Total/NA
Nickel	55		0.50		mg/Kg	1		6010B	Total/NA
Vanadium	42		0.50		mg/Kg	1		6010B	Total/NA
Zinc	42	B	1.5		mg/Kg	1		6010B	Total/NA
Mercury	0.90		0.0083		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-3-8' EVELYN

Lab Sample ID: 720-57003-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.4		0.93		mg/Kg	1		6010B	Total/NA
Barium	96		0.47		mg/Kg	1		6010B	Total/NA
Chromium	36		0.47		mg/Kg	1		6010B	Total/NA
Cobalt	7.5		0.19		mg/Kg	1		6010B	Total/NA
Copper	18		1.4		mg/Kg	1		6010B	Total/NA
Lead	4.7		0.47		mg/Kg	1		6010B	Total/NA
Nickel	39		0.47		mg/Kg	1		6010B	Total/NA
Vanadium	33		0.47		mg/Kg	1		6010B	Total/NA
Zinc	32	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.065		0.0094		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-4-1.5' EVELYN

Lab Sample ID: 720-57003-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.5		0.93		mg/Kg	1		6010B	Total/NA
Barium	140		0.46		mg/Kg	1		6010B	Total/NA
Chromium	47		0.46		mg/Kg	1		6010B	Total/NA
Cobalt	10		0.19		mg/Kg	1		6010B	Total/NA
Copper	25		1.4		mg/Kg	1		6010B	Total/NA
Lead	5.2		0.46		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-1.5' EVELYN (Continued)

Lab Sample ID: 720-57003-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	53		0.46		mg/Kg	1		6010B	Total/NA
Vanadium	39		0.46		mg/Kg	1		6010B	Total/NA
Zinc	40	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.056		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-4-7' EVELYN

Lab Sample ID: 720-57003-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.3		0.96		mg/Kg	1		6010B	Total/NA
Barium	140		0.48		mg/Kg	1		6010B	Total/NA
Chromium	41		0.48		mg/Kg	1		6010B	Total/NA
Cobalt	9.2		0.19		mg/Kg	1		6010B	Total/NA
Copper	22		1.4		mg/Kg	1		6010B	Total/NA
Lead	4.8		0.48		mg/Kg	1		6010B	Total/NA
Nickel	46		0.48		mg/Kg	1		6010B	Total/NA
Vanadium	38		0.48		mg/Kg	1		6010B	Total/NA
Zinc	36	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.078		0.0095		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-1-1' EVELYN/MARSHALL

Lab Sample ID: 720-57003-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		0.89		mg/Kg	1		6010B	Total/NA
Barium	110		0.45		mg/Kg	1		6010B	Total/NA
Chromium	45		0.45		mg/Kg	1		6010B	Total/NA
Cobalt	9.0		0.18		mg/Kg	1		6010B	Total/NA
Copper	21		1.3		mg/Kg	1		6010B	Total/NA
Lead	4.7		0.45		mg/Kg	1		6010B	Total/NA
Nickel	49		0.45		mg/Kg	1		6010B	Total/NA
Vanadium	36		0.45		mg/Kg	1		6010B	Total/NA
Zinc	35	B	1.3		mg/Kg	1		6010B	Total/NA
Mercury	0.077		0.0087		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-2-3' EVELYN/MARSHALL

Lab Sample ID: 720-57003-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.3		0.88		mg/Kg	1		6010B	Total/NA
Barium	110		0.44		mg/Kg	1		6010B	Total/NA
Chromium	41		0.44		mg/Kg	1		6010B	Total/NA
Cobalt	8.9		0.18		mg/Kg	1		6010B	Total/NA
Copper	23		1.3		mg/Kg	1		6010B	Total/NA
Lead	4.9		0.44		mg/Kg	1		6010B	Total/NA
Nickel	47		0.44		mg/Kg	1		6010B	Total/NA
Vanadium	36		0.44		mg/Kg	1		6010B	Total/NA
Zinc	37	B	1.3		mg/Kg	1		6010B	Total/NA
Mercury	0.058		0.010		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-2-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-11

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: Pacific States Environmental
 Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-8' EVELYN/MARSHALL (Continued)

Lab Sample ID: 720-57003-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	5.6		5.0		ug/Kg	1		8270C SIM	Total/NA
Arsenic	3.0		0.88		mg/Kg	1		6010B	Total/NA
Barium	110		0.44		mg/Kg	1		6010B	Total/NA
Chromium	41		0.44		mg/Kg	1		6010B	Total/NA
Cobalt	8.8		0.18		mg/Kg	1		6010B	Total/NA
Copper	20		1.3		mg/Kg	1		6010B	Total/NA
Lead	4.0		0.44		mg/Kg	1		6010B	Total/NA
Nickel	47		0.44		mg/Kg	1		6010B	Total/NA
Vanadium	40		0.44		mg/Kg	1		6010B	Total/NA
Zinc	33	B	1.3		mg/Kg	1		6010B	Total/NA
Mercury	0.048		0.0091		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-3-4.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	7.2		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	6.5		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	18		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	7.4		5.0		ug/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	6.7		5.0		ug/Kg	1		8270C SIM	Total/NA
Chrysene	11		5.0		ug/Kg	1		8270C SIM	Total/NA
Fluoranthene	11		5.0		ug/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	7.2		5.0		ug/Kg	1		8270C SIM	Total/NA
Pyrene	7.5		5.0		ug/Kg	1		8270C SIM	Total/NA
Diesel Range Organics [C10-C28]	0.99		0.99		mg/Kg	1		8015B	Silica Gel Cleanup
Arsenic	3.2		0.93		mg/Kg	1		6010B	Total/NA
Barium	120		0.47		mg/Kg	1		6010B	Total/NA
Chromium	51		0.47		mg/Kg	1		6010B	Total/NA
Cobalt	8.7		0.19		mg/Kg	1		6010B	Total/NA
Copper	22		1.4		mg/Kg	1		6010B	Total/NA
Lead	4.6		0.47		mg/Kg	1		6010B	Total/NA
Nickel	47		0.47		mg/Kg	1		6010B	Total/NA
Vanadium	38		0.47		mg/Kg	1		6010B	Total/NA
Zinc	35	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.083		0.0083		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-3-12' EVELYN/MARSHALL

Lab Sample ID: 720-57003-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.8		1.9		mg/Kg	2		6010B	Total/NA
Barium	110		0.94		mg/Kg	2		6010B	Total/NA
Chromium	50		0.94		mg/Kg	2		6010B	Total/NA
Cobalt	15		0.38		mg/Kg	2		6010B	Total/NA
Copper	28		2.8		mg/Kg	2		6010B	Total/NA
Lead	3.5		0.94		mg/Kg	2		6010B	Total/NA
Nickel	53		0.94		mg/Kg	2		6010B	Total/NA
Vanadium	63		0.94		mg/Kg	2		6010B	Total/NA
Zinc	43	B	2.8		mg/Kg	2		6010B	Total/NA
Mercury	0.050		0.0083		mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-2' EVELYN/MARSHALL

Lab Sample ID: 720-57003-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	3.1		1.0		mg/Kg	1		8015B	Silica Gel Cleanup
Arsenic	2.6		1.6		mg/Kg	2		6010B	Total/NA
Barium	100		0.81		mg/Kg	2		6010B	Total/NA
Chromium	52		0.81		mg/Kg	2		6010B	Total/NA
Cobalt	11		0.32		mg/Kg	2		6010B	Total/NA
Copper	24		2.4		mg/Kg	2		6010B	Total/NA
Lead	9.3		0.81		mg/Kg	2		6010B	Total/NA
Nickel	42		0.81		mg/Kg	2		6010B	Total/NA
Vanadium	50		0.81		mg/Kg	2		6010B	Total/NA
Zinc	47	B	2.4		mg/Kg	2		6010B	Total/NA
Mercury	0.052		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-4-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.7		0.97		mg/Kg	1		6010B	Total/NA
Barium	84		0.49		mg/Kg	1		6010B	Total/NA
Chromium	50		0.49		mg/Kg	1		6010B	Total/NA
Cobalt	9.0		0.19		mg/Kg	1		6010B	Total/NA
Copper	19		1.5		mg/Kg	1		6010B	Total/NA
Lead	4.3		0.49		mg/Kg	1		6010B	Total/NA
Nickel	55		0.49		mg/Kg	1		6010B	Total/NA
Vanadium	42		0.49		mg/Kg	1		6010B	Total/NA
Zinc	33	B	1.5		mg/Kg	1		6010B	Total/NA
Mercury	0.060		0.0083		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-5-2.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.3		0.99		mg/Kg	1		8015B	Silica Gel Cleanup
Arsenic	3.7		0.91		mg/Kg	1		6010B	Total/NA
Barium	140		0.45		mg/Kg	1		6010B	Total/NA
Cadmium	0.13		0.11		mg/Kg	1		6010B	Total/NA
Chromium	43		0.45		mg/Kg	1		6010B	Total/NA
Cobalt	9.5		0.18		mg/Kg	1		6010B	Total/NA
Copper	24		1.4		mg/Kg	1		6010B	Total/NA
Lead	9.5		0.45		mg/Kg	1		6010B	Total/NA
Nickel	53		0.45		mg/Kg	1		6010B	Total/NA
Vanadium	37		0.45		mg/Kg	1		6010B	Total/NA
Zinc	43	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.076		0.0088		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-5-7' EVELYN/MARSHALL

Lab Sample ID: 720-57003-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	1.7		1.0		mg/Kg	1		8015B	Silica Gel Cleanup
Arsenic	3.2		0.92		mg/Kg	1		6010B	Total/NA
Barium	100		0.46		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-7' EVELYN/MARSHALL (Continued)

Lab Sample ID: 720-57003-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.11		0.11		mg/Kg	1		6010B	Total/NA
Chromium	42		0.46		mg/Kg	1		6010B	Total/NA
Cobalt	9.5		0.18		mg/Kg	1		6010B	Total/NA
Copper	22		1.4		mg/Kg	1		6010B	Total/NA
Lead	4.6		0.46		mg/Kg	1		6010B	Total/NA
Nickel	50		0.46		mg/Kg	1		6010B	Total/NA
Vanadium	39		0.46		mg/Kg	1		6010B	Total/NA
Zinc	34	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.076		0.0092		mg/Kg	1		7471A	Total/NA

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.2		0.94		mg/Kg	1		6010B	Total/NA
Barium	94		0.47		mg/Kg	1		6010B	Total/NA
Chromium	57		0.47		mg/Kg	1		6010B	Total/NA
Cobalt	8.1		0.19		mg/Kg	1		6010B	Total/NA
Copper	22		1.4		mg/Kg	1		6010B	Total/NA
Lead	4.7		0.47		mg/Kg	1		6010B	Total/NA
Nickel	51		0.47		mg/Kg	1		6010B	Total/NA
Vanadium	37		0.47		mg/Kg	1		6010B	Total/NA
Zinc	37	B	1.4		mg/Kg	1		6010B	Total/NA
Mercury	0.042		0.0098		mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN

Lab Sample ID: 720-57003-1

Date Collected: 04/25/14 07:39

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Acetone	ND		48		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Benzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Dichlorobromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Bromobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Chlorobromomethane	ND		19		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Bromoform	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Bromomethane	ND		9.5		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
2-Butanone (MEK)	ND		48		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
n-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
sec-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
tert-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Carbon disulfide	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Carbon tetrachloride	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Chlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Chloroethane	ND		9.5		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Chloroform	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Chloromethane	ND		9.5		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
2-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
4-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Chlorodibromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,3-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,1-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,2-Dibromo-3-Chloropropane	ND		9.5		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Ethylene Dibromide	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Dibromomethane	ND		9.5		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Dichlorodifluoromethane	ND		9.5		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,1-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,2-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,1-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Ethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Hexachlorobutadiene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
2-Hexanone	ND		48		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Isopropylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
4-Isopropyltoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Methylene Chloride	ND		9.5		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Naphthalene	ND		9.5		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
N-Propylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Styrene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN

Lab Sample ID: 720-57003-1

Date Collected: 04/25/14 07:39

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Tetrachloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Toluene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Trichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Trichlorofluoromethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Vinyl acetate	ND		48		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Vinyl chloride	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Xylenes, Total	ND		9.5		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
2,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/25/14 23:15	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		04/25/14 21:06	04/25/14 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		45 - 131	04/25/14 21:06	04/25/14 23:15	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 140	04/25/14 21:06	04/25/14 23:15	1
Toluene-d8 (Surr)	97		58 - 140	04/25/14 21:06	04/25/14 23:15	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Acenaphthylene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Anthracene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Benzo[a]anthracene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Benzo[a]pyrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Chrysene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Fluoranthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Fluorene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Naphthalene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Phenanthrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1
Pyrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		33 - 120	04/29/14 18:03	04/30/14 14:56	1
Terphenyl-d14	98		35 - 146	04/29/14 18:03	04/30/14 14:56	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		05/01/14 11:34	05/02/14 09:41	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN

Lab Sample ID: 720-57003-1

Date Collected: 04/25/14 07:39

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 11:34	05/02/14 09:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.006		0 - 1				05/01/14 11:34	05/02/14 09:41	1
p-Terphenyl	75		38 - 148				05/01/14 11:34	05/02/14 09:41	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Toxaphene	ND		39		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Chlordane (technical)	ND		39		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 13:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		57 - 122				05/01/14 16:02	05/02/14 13:41	1
DCB Decachlorobiphenyl	110		21 - 136				05/01/14 16:02	05/02/14 13:41	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:03	1
PCB-1221	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:03	1
PCB-1232	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:03	1
PCB-1242	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:03	1
PCB-1248	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:03	1
PCB-1254	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:03	1
PCB-1260	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		45 - 132				05/01/14 16:02	05/02/14 13:03	1
DCB Decachlorobiphenyl	91		42 - 146				05/01/14 16:02	05/02/14 13:03	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN

Lab Sample ID: 720-57003-1

Date Collected: 04/25/14 07:39

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.87		0.47		mg/Kg		04/29/14 13:12	04/30/14 20:06	1
Arsenic	3.8		0.94		mg/Kg		04/29/14 13:12	04/30/14 20:06	1
Barium	140		0.47		mg/Kg		04/29/14 13:12	05/01/14 20:35	1
Beryllium	0.32		0.094		mg/Kg		04/29/14 13:12	05/01/14 20:35	1
Cadmium	ND		0.12		mg/Kg		04/29/14 13:12	05/01/14 20:35	1
Chromium	50		0.47		mg/Kg		04/29/14 13:12	04/30/14 20:06	1
Cobalt	11		0.19		mg/Kg		04/29/14 13:12	04/30/14 20:06	1
Copper	26		1.4		mg/Kg		04/29/14 13:12	04/30/14 20:06	1
Lead	5.7		0.47		mg/Kg		04/29/14 13:12	05/01/14 20:35	1
Molybdenum	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 20:35	1
Nickel	54		0.47		mg/Kg		04/29/14 13:12	04/30/14 20:06	1
Selenium	ND		0.94		mg/Kg		04/29/14 13:12	05/01/14 20:35	1
Silver	ND		0.24		mg/Kg		04/29/14 13:12	05/01/14 20:35	1
Thallium	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 20:35	1
Vanadium	42		0.47		mg/Kg		04/29/14 13:12	04/30/14 20:06	1
Zinc	44	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 20:06	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053		0.0098		mg/Kg		04/29/14 13:15	04/30/14 11:39	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-5' EVELYN

Lab Sample ID: 720-57003-2

Date Collected: 04/25/14 07:40

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Acetone	ND		50		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Benzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Dichlorobromomethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Bromobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Chlorobromomethane	ND		20		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Bromoform	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Bromomethane	ND		9.9		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
2-Butanone (MEK)	ND		50		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
n-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
sec-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
tert-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Carbon disulfide	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Carbon tetrachloride	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Chlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Chloroethane	ND		9.9		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Chloroform	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Chloromethane	ND		9.9		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
2-Chlorotoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
4-Chlorotoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Chlorodibromomethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,3-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,1-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Ethylene Dibromide	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Dibromomethane	ND		9.9		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,1-Dichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,2-Dichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,1-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,2-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Ethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Hexachlorobutadiene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
2-Hexanone	ND		50		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Isopropylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
4-Isopropyltoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Methylene Chloride	ND		9.9		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Naphthalene	ND		9.9		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
N-Propylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Styrene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-5' EVELYN

Lab Sample ID: 720-57003-2

Date Collected: 04/25/14 07:40

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Tetrachloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Toluene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Trichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Trichlorofluoromethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Vinyl acetate	ND		50		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Vinyl chloride	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Xylenes, Total	ND		9.9		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
2,2-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/25/14 23:44	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/25/14 21:06	04/25/14 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		45 - 131	04/25/14 21:06	04/25/14 23:44	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 140	04/25/14 21:06	04/25/14 23:44	1
Toluene-d8 (Surr)	96		58 - 140	04/25/14 21:06	04/25/14 23:44	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Acenaphthylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Chrysene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Fluorene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Naphthalene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Phenanthrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1
Pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		33 - 120	04/29/14 18:03	04/30/14 14:15	1
Terphenyl-d14	105		35 - 146	04/29/14 18:03	04/30/14 14:15	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	4.4		1.0		mg/Kg		05/01/14 14:54	05/02/14 10:06	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-5' EVELYN

Lab Sample ID: 720-57003-2

Date Collected: 04/25/14 07:40

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 10:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.01		0 - 1				05/01/14 14:54	05/02/14 10:06	1
p-Terphenyl	84		38 - 148				05/01/14 14:54	05/02/14 10:06	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Dieldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Endrin aldehyde	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Endrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Endrin ketone	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Heptachlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
4,4'-DDT	2.5		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
4,4'-DDE	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
4,4'-DDD	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Endosulfan I	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Endosulfan II	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
alpha-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
beta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
delta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Methoxychlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Toxaphene	ND		39		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Chlordane (technical)	ND		39		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
alpha-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
gamma-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 13:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		57 - 122				05/01/14 16:02	05/02/14 13:59	1
DCB Decachlorobiphenyl	112		21 - 136				05/01/14 16:02	05/02/14 13:59	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1221	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1232	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1242	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1248	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1254	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1260	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		45 - 132				05/01/14 16:02	05/02/14 13:20	1
DCB Decachlorobiphenyl	92		42 - 146				05/01/14 16:02	05/02/14 13:20	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-5' EVELYN

Lab Sample ID: 720-57003-2

Date Collected: 04/25/14 07:40

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.79		0.48		mg/Kg		04/29/14 13:12	04/30/14 20:15	1
Arsenic	3.4		0.96		mg/Kg		04/29/14 13:12	04/30/14 20:15	1
Barium	110		0.48		mg/Kg		04/29/14 13:12	05/01/14 20:45	1
Beryllium	ND		0.096		mg/Kg		04/29/14 13:12	04/30/14 20:15	1
Cadmium	ND		0.12		mg/Kg		04/29/14 13:12	05/01/14 20:45	1
Chromium	47		0.48		mg/Kg		04/29/14 13:12	04/30/14 20:15	1
Cobalt	9.9		0.19		mg/Kg		04/29/14 13:12	04/30/14 20:15	1
Copper	25		1.4		mg/Kg		04/29/14 13:12	04/30/14 20:15	1
Lead	5.6		0.48		mg/Kg		04/29/14 13:12	05/01/14 20:45	1
Molybdenum	ND		0.48		mg/Kg		04/29/14 13:12	05/01/14 20:45	1
Nickel	47		0.48		mg/Kg		04/29/14 13:12	04/30/14 20:15	1
Selenium	ND		0.96		mg/Kg		04/29/14 13:12	05/01/14 20:45	1
Silver	ND		0.24		mg/Kg		04/29/14 13:12	05/01/14 20:45	1
Thallium	ND		0.48		mg/Kg		04/29/14 13:12	05/01/14 20:45	1
Vanadium	47		0.48		mg/Kg		04/29/14 13:12	04/30/14 20:15	1
Zinc	38	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 20:15	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.0088		mg/Kg		04/29/14 13:15	04/30/14 11:41	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-2' EVELYN

Lab Sample ID: 720-57003-3

Date Collected: 04/25/14 07:47

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Acetone	ND		50		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Benzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Dichlorobromomethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Bromobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Chlorobromomethane	ND		20		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Bromoform	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Bromomethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
2-Butanone (MEK)	ND		50		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
n-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
sec-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
tert-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Carbon disulfide	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Carbon tetrachloride	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Chlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Chloroethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Chloroform	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Chloromethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
2-Chlorotoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
4-Chlorotoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Chlorodibromomethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,3-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,1-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Ethylene Dibromide	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Dibromomethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,1-Dichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,2-Dichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,1-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,2-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Ethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Hexachlorobutadiene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
2-Hexanone	ND		50		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Isopropylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
4-Isopropyltoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Methylene Chloride	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Naphthalene	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
N-Propylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Styrene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-2' EVELYN

Lab Sample ID: 720-57003-3

Date Collected: 04/25/14 07:47

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Tetrachloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Toluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Trichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Trichlorofluoromethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Vinyl acetate	ND		50		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Vinyl chloride	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Xylenes, Total	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
2,2-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 00:13	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/25/14 21:06	04/26/14 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131	04/25/14 21:06	04/26/14 00:13	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 140	04/25/14 21:06	04/26/14 00:13	1
Toluene-d8 (Surr)	97		58 - 140	04/25/14 21:06	04/26/14 00:13	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Acenaphthylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Chrysene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Fluorene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Naphthalene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Phenanthrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1
Pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		33 - 120	04/29/14 18:03	04/30/14 14:36	1
Terphenyl-d14	102		35 - 146	04/29/14 18:03	04/30/14 14:36	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		05/01/14 14:54	05/02/14 10:30	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-2' EVELYN

Lab Sample ID: 720-57003-3

Date Collected: 04/25/14 07:47

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 10:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.003		0 - 1				05/01/14 14:54	05/02/14 10:30	1
p-Terphenyl	78		38 - 148				05/01/14 14:54	05/02/14 10:30	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Dieldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Endrin aldehyde	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Endrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Endrin ketone	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Heptachlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
4,4'-DDT	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
4,4'-DDE	3.3		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
4,4'-DDD	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Endosulfan I	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Endosulfan II	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
alpha-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
beta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
delta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Methoxychlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Toxaphene	ND		39		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Chlordane (technical)	ND		39		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
alpha-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
gamma-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	99		57 - 122				05/01/14 16:02	05/02/14 14:17	1
DCB Decachlorobiphenyl	116		21 - 136				05/01/14 16:02	05/02/14 14:17	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1221	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1232	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1242	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1248	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1254	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1260	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		45 - 132				05/01/14 16:02	05/02/14 13:37	1
DCB Decachlorobiphenyl	91		42 - 146				05/01/14 16:02	05/02/14 13:37	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-2' EVELYN

Lab Sample ID: 720-57003-3

Date Collected: 04/25/14 07:47

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.51		0.42		mg/Kg		04/29/14 13:12	04/30/14 20:19	1
Arsenic	3.4		0.84		mg/Kg		04/29/14 13:12	04/30/14 20:19	1
Barium	120		0.42		mg/Kg		04/29/14 13:12	05/01/14 20:49	1
Beryllium	0.29		0.084		mg/Kg		04/29/14 13:12	05/01/14 20:49	1
Cadmium	ND		0.11		mg/Kg		04/29/14 13:12	05/01/14 20:49	1
Chromium	39		0.42		mg/Kg		04/29/14 13:12	04/30/14 20:19	1
Cobalt	8.7		0.17		mg/Kg		04/29/14 13:12	04/30/14 20:19	1
Copper	21		1.3		mg/Kg		04/29/14 13:12	04/30/14 20:19	1
Lead	5.8		0.42		mg/Kg		04/29/14 13:12	05/01/14 20:49	1
Molybdenum	ND		0.42		mg/Kg		04/29/14 13:12	05/01/14 20:49	1
Nickel	47		0.42		mg/Kg		04/29/14 13:12	04/30/14 20:19	1
Selenium	ND		0.84		mg/Kg		04/29/14 13:12	05/01/14 20:49	1
Silver	ND		0.21		mg/Kg		04/29/14 13:12	05/01/14 20:49	1
Thallium	ND		0.42		mg/Kg		04/29/14 13:12	05/01/14 20:49	1
Vanadium	33		0.42		mg/Kg		04/29/14 13:12	04/30/14 20:19	1
Zinc	38	B	1.3		mg/Kg		04/29/14 13:12	04/30/14 20:19	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.0094		mg/Kg		04/29/14 13:15	04/30/14 11:43	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-12' EVELYN

Lab Sample ID: 720-57003-4

Date Collected: 04/25/14 07:49

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Acetone	ND		47		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Benzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Dichlorobromomethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Bromobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Chlorobromomethane	ND		19		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Bromoform	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Bromomethane	ND		9.4		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
2-Butanone (MEK)	ND		47		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
n-Butylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
sec-Butylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
tert-Butylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Carbon disulfide	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Carbon tetrachloride	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Chlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Chloroethane	ND		9.4		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Chloroform	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Chloromethane	ND		9.4		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
2-Chlorotoluene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
4-Chlorotoluene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Chlorodibromomethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,3-Dichloropropane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,1-Dichloropropene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,2-Dibromo-3-Chloropropane	ND		9.4		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Ethylene Dibromide	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Dibromomethane	ND		9.4		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Dichlorodifluoromethane	ND		9.4		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,1-Dichloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,2-Dichloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,1-Dichloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,2-Dichloropropane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Ethylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Hexachlorobutadiene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
2-Hexanone	ND		47		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Isopropylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
4-Isopropyltoluene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Methylene Chloride	ND		9.4		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Naphthalene	ND		9.4		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
N-Propylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Styrene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-12' EVELYN

Lab Sample ID: 720-57003-4

Date Collected: 04/25/14 07:49

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Tetrachloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Toluene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Trichloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Trichlorofluoromethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Vinyl acetate	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Vinyl chloride	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Xylenes, Total	ND		9.4		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
2,2-Dichloropropane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 00:42	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		04/25/14 21:06	04/26/14 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	04/25/14 21:06	04/26/14 00:42	1
1,2-Dichloroethane-d4 (Surr)	92		60 - 140	04/25/14 21:06	04/26/14 00:42	1
Toluene-d8 (Surr)	97		58 - 140	04/25/14 21:06	04/26/14 00:42	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Acenaphthylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Chrysene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Fluorene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Naphthalene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Phenanthrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1
Pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		33 - 120	04/29/14 18:03	04/30/14 14:20	1
Terphenyl-d14	87		35 - 146	04/29/14 18:03	04/30/14 14:20	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		05/01/14 14:54	05/02/14 10:54	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-12' EVELYN

Lab Sample ID: 720-57003-4

Date Collected: 04/25/14 07:49

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 10:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.01		0 - 1				05/01/14 14:54	05/02/14 10:54	1
p-Terphenyl	64		38 - 148				05/01/14 14:54	05/02/14 10:54	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
4,4'-DDE	2.3		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Toxaphene	ND		39		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Chlordane (technical)	ND		39		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		57 - 122				05/01/14 16:02	05/02/14 14:35	1
DCB Decachlorobiphenyl	111		21 - 136				05/01/14 16:02	05/02/14 14:35	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1221	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1232	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1242	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1248	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1254	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1260	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		45 - 132				05/01/14 16:02	05/02/14 13:53	1
DCB Decachlorobiphenyl	92		42 - 146				05/01/14 16:02	05/02/14 13:53	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-12' EVELYN

Lab Sample ID: 720-57003-4

Date Collected: 04/25/14 07:49

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.66		0.45		mg/Kg		04/29/14 13:12	04/30/14 20:24	1
Arsenic	4.0		0.91		mg/Kg		04/29/14 13:12	04/30/14 20:24	1
Barium	110		0.45		mg/Kg		04/29/14 13:12	05/01/14 20:54	1
Beryllium	ND		0.091		mg/Kg		04/29/14 13:12	04/30/14 20:24	1
Cadmium	ND		0.11		mg/Kg		04/29/14 13:12	05/01/14 20:54	1
Chromium	47		0.45		mg/Kg		04/29/14 13:12	04/30/14 20:24	1
Cobalt	9.3		0.18		mg/Kg		04/29/14 13:12	04/30/14 20:24	1
Copper	23		1.4		mg/Kg		04/29/14 13:12	04/30/14 20:24	1
Lead	7.5		0.45		mg/Kg		04/29/14 13:12	05/01/14 20:54	1
Molybdenum	ND		0.45		mg/Kg		04/29/14 13:12	05/01/14 20:54	1
Nickel	48		0.45		mg/Kg		04/29/14 13:12	04/30/14 20:24	1
Selenium	ND		0.91		mg/Kg		04/29/14 13:12	05/01/14 20:54	1
Silver	ND		0.23		mg/Kg		04/29/14 13:12	05/01/14 20:54	1
Thallium	ND		0.45		mg/Kg		04/29/14 13:12	05/01/14 20:54	1
Vanadium	41		0.45		mg/Kg		04/29/14 13:12	04/30/14 20:24	1
Zinc	39	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 20:24	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.078		0.0097		mg/Kg		04/29/14 13:15	04/30/14 11:45	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-3' EVELYN

Lab Sample ID: 720-57003-5

Date Collected: 04/25/14 08:00

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Acetone	ND		48		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Benzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Dichlorobromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Bromobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Chlorobromomethane	ND		19		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Bromoform	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Bromomethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
2-Butanone (MEK)	ND		48		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
n-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
sec-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
tert-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Carbon disulfide	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Carbon tetrachloride	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Chlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Chloroethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Chloroform	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Chloromethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
2-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
4-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Chlorodibromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,3-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,1-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Ethylene Dibromide	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Dibromomethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,1-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,2-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,1-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Ethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Hexachlorobutadiene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
2-Hexanone	ND		48		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Isopropylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
4-Isopropyltoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Methylene Chloride	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Naphthalene	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
N-Propylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Styrene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-3' EVELYN

Lab Sample ID: 720-57003-5

Date Collected: 04/25/14 08:00

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Tetrachloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Toluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Trichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Trichlorofluoromethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Vinyl acetate	ND		48		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Vinyl chloride	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Xylenes, Total	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
2,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 01:12	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		04/25/14 21:06	04/26/14 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	04/25/14 21:06	04/26/14 01:12	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 140	04/25/14 21:06	04/26/14 01:12	1
Toluene-d8 (Surr)	95		58 - 140	04/25/14 21:06	04/26/14 01:12	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Acenaphthylene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Anthracene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Benzo[a]anthracene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Benzo[a]pyrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Chrysene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Fluoranthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Fluorene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Naphthalene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Phenanthrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1
Pyrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		33 - 120	04/29/14 18:03	04/30/14 16:16	1
Terphenyl-d14	88		35 - 146	04/29/14 18:03	04/30/14 16:16	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		05/01/14 14:54	05/02/14 11:19	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-3' EVELYN

Lab Sample ID: 720-57003-5

Date Collected: 04/25/14 08:00

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.0008		0 - 1				05/01/14 14:54	05/02/14 11:19	1
p-Terphenyl	83		38 - 148				05/01/14 14:54	05/02/14 11:19	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Dieldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Endrin aldehyde	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Endrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Endrin ketone	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Heptachlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
4,4'-DDT	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
4,4'-DDE	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
4,4'-DDD	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Endosulfan I	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Endosulfan II	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
alpha-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
beta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
delta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Methoxychlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Toxaphene	ND		39		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Chlordane (technical)	ND		39		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
alpha-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
gamma-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		57 - 122				05/01/14 16:02	05/02/14 14:53	1
DCB Decachlorobiphenyl	101		21 - 136				05/01/14 16:02	05/02/14 14:53	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1221	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1232	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1242	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1248	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1254	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1260	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		45 - 132				05/01/14 16:02	05/02/14 14:10	1
DCB Decachlorobiphenyl	85		42 - 146				05/01/14 16:02	05/02/14 14:10	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-3' EVELYN

Lab Sample ID: 720-57003-5

Date Collected: 04/25/14 08:00

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		04/29/14 13:12	05/01/14 21:09	1
Arsenic	3.7		0.99		mg/Kg		04/29/14 13:12	04/30/14 20:37	1
Barium	120		0.50		mg/Kg		04/29/14 13:12	05/01/14 21:09	1
Beryllium	ND		0.099		mg/Kg		04/29/14 13:12	04/30/14 20:37	1
Cadmium	ND		0.12		mg/Kg		04/29/14 13:12	05/01/14 21:09	1
Chromium	49		0.50		mg/Kg		04/29/14 13:12	04/30/14 20:37	1
Cobalt	10		0.20		mg/Kg		04/29/14 13:12	04/30/14 20:37	1
Copper	27		1.5		mg/Kg		04/29/14 13:12	04/30/14 20:37	1
Lead	5.5		0.50		mg/Kg		04/29/14 13:12	05/01/14 21:09	1
Molybdenum	ND		0.50		mg/Kg		04/29/14 13:12	05/01/14 21:09	1
Nickel	55		0.50		mg/Kg		04/29/14 13:12	04/30/14 20:37	1
Selenium	ND		0.99		mg/Kg		04/29/14 13:12	05/01/14 21:09	1
Silver	ND		0.25		mg/Kg		04/29/14 13:12	05/01/14 21:09	1
Thallium	ND		0.50		mg/Kg		04/29/14 13:12	05/01/14 21:09	1
Vanadium	42		0.50		mg/Kg		04/29/14 13:12	04/30/14 20:37	1
Zinc	42	B	1.5		mg/Kg		04/29/14 13:12	04/30/14 20:37	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.90		0.0083		mg/Kg		04/29/14 13:15	04/30/14 11:48	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-8' EVELYN

Lab Sample ID: 720-57003-6

Date Collected: 04/25/14 08:05

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Acetone	ND		47		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Benzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Dichlorobromomethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Bromobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Chlorobromomethane	ND		19		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Bromoform	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Bromomethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
2-Butanone (MEK)	ND		47		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
n-Butylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
sec-Butylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
tert-Butylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Carbon disulfide	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Carbon tetrachloride	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Chlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Chloroethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Chloroform	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Chloromethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
2-Chlorotoluene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
4-Chlorotoluene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Chlorodibromomethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,3-Dichloropropane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,1-Dichloropropene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,2-Dibromo-3-Chloropropane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Ethylene Dibromide	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Dibromomethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Dichlorodifluoromethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,1-Dichloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,2-Dichloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,1-Dichloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,2-Dichloropropane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Ethylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Hexachlorobutadiene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
2-Hexanone	ND		47		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Isopropylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
4-Isopropyltoluene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Methylene Chloride	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Naphthalene	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
N-Propylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Styrene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-8' EVELYN

Lab Sample ID: 720-57003-6

Date Collected: 04/25/14 08:05

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Tetrachloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Toluene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Trichloroethene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Trichlorofluoromethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Vinyl acetate	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Vinyl chloride	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Xylenes, Total	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
2,2-Dichloropropane	ND		4.7		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		04/25/14 21:06	04/26/14 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131				04/25/14 21:06	04/26/14 01:41	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 140				04/25/14 21:06	04/26/14 01:41	1
Toluene-d8 (Surr)	97		58 - 140				04/25/14 21:06	04/26/14 01:41	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Acenaphthylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Chrysene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Fluorene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Naphthalene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Phenanthrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	81		33 - 120				04/29/14 18:03	04/30/14 15:06	1
Terphenyl-d14	100		35 - 146				04/29/14 18:03	04/30/14 15:06	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		05/01/14 14:54	05/02/14 11:43	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-8' EVELYN

Lab Sample ID: 720-57003-6

Date Collected: 04/25/14 08:05

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		05/01/14 14:54	05/02/14 11:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0		0 - 1				05/01/14 14:54	05/02/14 11:43	1
p-Terphenyl	65		38 - 148				05/01/14 14:54	05/02/14 11:43	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Toxaphene	ND		40		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Chlordane (technical)	ND		40		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		57 - 122				05/01/14 16:02	05/02/14 15:11	1
DCB Decachlorobiphenyl	103		21 - 136				05/01/14 16:02	05/02/14 15:11	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		05/01/14 16:02	05/02/14 12:30	1
PCB-1221	ND		50		ug/Kg		05/01/14 16:02	05/02/14 12:30	1
PCB-1232	ND		50		ug/Kg		05/01/14 16:02	05/02/14 12:30	1
PCB-1242	ND		50		ug/Kg		05/01/14 16:02	05/02/14 12:30	1
PCB-1248	ND		50		ug/Kg		05/01/14 16:02	05/02/14 12:30	1
PCB-1254	ND		50		ug/Kg		05/01/14 16:02	05/02/14 12:30	1
PCB-1260	ND		50		ug/Kg		05/01/14 16:02	05/02/14 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		45 - 132				05/01/14 16:02	05/02/14 12:30	1
DCB Decachlorobiphenyl	80		42 - 146				05/01/14 16:02	05/02/14 12:30	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-8' EVELYN

Lab Sample ID: 720-57003-6

Date Collected: 04/25/14 08:05

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:13	1
Arsenic	2.4		0.93		mg/Kg		04/29/14 13:12	04/30/14 20:41	1
Barium	96		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:13	1
Beryllium	ND		0.093		mg/Kg		04/29/14 13:12	04/30/14 20:41	1
Cadmium	ND		0.12		mg/Kg		04/29/14 13:12	05/01/14 21:13	1
Chromium	36		0.47		mg/Kg		04/29/14 13:12	04/30/14 20:41	1
Cobalt	7.5		0.19		mg/Kg		04/29/14 13:12	04/30/14 20:41	1
Copper	18		1.4		mg/Kg		04/29/14 13:12	04/30/14 20:41	1
Lead	4.7		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:13	1
Molybdenum	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:13	1
Nickel	39		0.47		mg/Kg		04/29/14 13:12	04/30/14 20:41	1
Selenium	ND		0.93		mg/Kg		04/29/14 13:12	05/01/14 21:13	1
Silver	ND		0.23		mg/Kg		04/29/14 13:12	05/01/14 21:13	1
Thallium	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:13	1
Vanadium	33		0.47		mg/Kg		04/29/14 13:12	04/30/14 20:41	1
Zinc	32	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 20:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.065		0.0094		mg/Kg		04/29/14 13:15	04/30/14 11:55	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-1.5' EVELYN

Lab Sample ID: 720-57003-7

Date Collected: 04/25/14 08:10

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Acetone	ND		49		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Benzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Dichlorobromomethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Bromobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Chlorobromomethane	ND		20		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Bromoform	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Bromomethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
2-Butanone (MEK)	ND		49		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
n-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
sec-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
tert-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Carbon disulfide	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Carbon tetrachloride	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Chlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Chloroethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Chloroform	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Chloromethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
2-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
4-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Chlorodibromomethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,3-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,1-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Ethylene Dibromide	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Dibromomethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,1-Dichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,2-Dichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,1-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Ethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Hexachlorobutadiene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
2-Hexanone	ND		49		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Isopropylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
4-Isopropyltoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Methylene Chloride	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Naphthalene	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
N-Propylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Styrene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-1.5' EVELYN

Lab Sample ID: 720-57003-7

Date Collected: 04/25/14 08:10

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Tetrachloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Toluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Trichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Trichlorofluoromethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Vinyl acetate	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Vinyl chloride	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Xylenes, Total	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
2,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 02:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/25/14 21:06	04/26/14 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	04/25/14 21:06	04/26/14 02:10	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 140	04/25/14 21:06	04/26/14 02:10	1
Toluene-d8 (Surr)	95		58 - 140	04/25/14 21:06	04/26/14 02:10	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Acenaphthylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Chrysene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Fluorene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Naphthalene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Phenanthrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1
Pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		33 - 120	04/29/14 18:03	04/30/14 15:30	1
Terphenyl-d14	90		35 - 146	04/29/14 18:03	04/30/14 15:30	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		05/01/14 14:54	05/02/14 12:07	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-1.5' EVELYN

Lab Sample ID: 720-57003-7

Date Collected: 04/25/14 08:10

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.01		0 - 1				05/01/14 14:54	05/02/14 12:07	1
p-Terphenyl	76		38 - 148				05/01/14 14:54	05/02/14 12:07	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Toxaphene	ND		40		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Chlordane (technical)	ND		40		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	99		57 - 122				05/01/14 16:02	05/02/14 15:29	1
DCB Decachlorobiphenyl	112		21 - 136				05/01/14 16:02	05/02/14 15:29	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		05/01/14 16:02	05/02/14 12:47	1
PCB-1221	ND		49		ug/Kg		05/01/14 16:02	05/02/14 12:47	1
PCB-1232	ND		49		ug/Kg		05/01/14 16:02	05/02/14 12:47	1
PCB-1242	ND		49		ug/Kg		05/01/14 16:02	05/02/14 12:47	1
PCB-1248	ND		49		ug/Kg		05/01/14 16:02	05/02/14 12:47	1
PCB-1254	ND		49		ug/Kg		05/01/14 16:02	05/02/14 12:47	1
PCB-1260	ND		49		ug/Kg		05/01/14 16:02	05/02/14 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		45 - 132				05/01/14 16:02	05/02/14 12:47	1
DCB Decachlorobiphenyl	86		42 - 146				05/01/14 16:02	05/02/14 12:47	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-1.5' EVELYN

Lab Sample ID: 720-57003-7

Date Collected: 04/25/14 08:10

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.46		mg/Kg		04/29/14 13:12	05/01/14 21:18	1
Arsenic	3.5		0.93		mg/Kg		04/29/14 13:12	04/30/14 20:45	1
Barium	140		0.46		mg/Kg		04/29/14 13:12	05/01/14 21:18	1
Beryllium	ND		0.093		mg/Kg		04/29/14 13:12	04/30/14 20:45	1
Cadmium	ND		0.12		mg/Kg		04/29/14 13:12	05/01/14 21:18	1
Chromium	47		0.46		mg/Kg		04/29/14 13:12	04/30/14 20:45	1
Cobalt	10		0.19		mg/Kg		04/29/14 13:12	04/30/14 20:45	1
Copper	25		1.4		mg/Kg		04/29/14 13:12	04/30/14 20:45	1
Lead	5.2		0.46		mg/Kg		04/29/14 13:12	05/01/14 21:18	1
Molybdenum	ND		0.46		mg/Kg		04/29/14 13:12	05/01/14 21:18	1
Nickel	53		0.46		mg/Kg		04/29/14 13:12	04/30/14 20:45	1
Selenium	ND		0.93		mg/Kg		04/29/14 13:12	05/01/14 21:18	1
Silver	ND		0.23		mg/Kg		04/29/14 13:12	05/01/14 21:18	1
Thallium	ND		0.46		mg/Kg		04/29/14 13:12	05/01/14 21:18	1
Vanadium	39		0.46		mg/Kg		04/29/14 13:12	04/30/14 20:45	1
Zinc	40	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 20:45	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056		0.010		mg/Kg		04/29/14 13:15	04/30/14 11:58	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-7' EVELYN

Lab Sample ID: 720-57003-8

Date Collected: 04/25/14 08:14

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Acetone	ND		48		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Benzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Dichlorobromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Bromobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Chlorobromomethane	ND		19		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Bromoform	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Bromomethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
2-Butanone (MEK)	ND		48		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
n-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
sec-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
tert-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Carbon disulfide	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Carbon tetrachloride	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Chlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Chloroethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Chloroform	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Chloromethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
2-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
4-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Chlorodibromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,3-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,1-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Ethylene Dibromide	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Dibromomethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,1-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,2-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,1-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Ethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Hexachlorobutadiene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
2-Hexanone	ND		48		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Isopropylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
4-Isopropyltoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Methylene Chloride	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Naphthalene	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
N-Propylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Styrene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-7' EVELYN

Lab Sample ID: 720-57003-8

Date Collected: 04/25/14 08:14

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Tetrachloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Toluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Trichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Trichlorofluoromethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Vinyl acetate	ND		48		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Vinyl chloride	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Xylenes, Total	ND		9.6		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
2,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 02:39	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		04/25/14 21:06	04/26/14 02:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	04/25/14 21:06	04/26/14 02:39	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 140	04/25/14 21:06	04/26/14 02:39	1
Toluene-d8 (Surr)	96		58 - 140	04/25/14 21:06	04/26/14 02:39	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Acenaphthylene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Anthracene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Benzo[a]anthracene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Benzo[a]pyrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Chrysene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Fluoranthene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Fluorene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Naphthalene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Phenanthrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1
Pyrene	ND		4.9		ug/Kg		04/29/14 18:03	04/30/14 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		33 - 120	04/29/14 18:03	04/30/14 15:53	1
Terphenyl-d14	94		35 - 146	04/29/14 18:03	04/30/14 15:53	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		05/01/14 14:54	05/02/14 18:54	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-7' EVELYN

Lab Sample ID: 720-57003-8

Date Collected: 04/25/14 08:14

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		05/01/14 14:54	05/02/14 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0		0 - 1				05/01/14 14:54	05/02/14 18:54	1
p-Terphenyl	82		38 - 148				05/01/14 14:54	05/02/14 18:54	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Dieldrin	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Endrin aldehyde	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Endrin	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Endrin ketone	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Heptachlor	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
4,4'-DDT	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
4,4'-DDE	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
4,4'-DDD	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Endosulfan I	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Endosulfan II	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
alpha-BHC	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
beta-BHC	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
delta-BHC	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Methoxychlor	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Toxaphene	ND		40		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Chlordane (technical)	ND		40		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
alpha-Chlordane	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
gamma-Chlordane	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 22:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		57 - 122				05/03/14 09:12	05/03/14 22:19	1
DCB Decachlorobiphenyl	85		21 - 136				05/03/14 09:12	05/03/14 22:19	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		05/03/14 09:15	05/03/14 14:52	1
PCB-1221	ND		50		ug/Kg		05/03/14 09:15	05/03/14 14:52	1
PCB-1232	ND		50		ug/Kg		05/03/14 09:15	05/03/14 14:52	1
PCB-1242	ND		50		ug/Kg		05/03/14 09:15	05/03/14 14:52	1
PCB-1248	ND		50		ug/Kg		05/03/14 09:15	05/03/14 14:52	1
PCB-1254	ND		50		ug/Kg		05/03/14 09:15	05/03/14 14:52	1
PCB-1260	ND		50		ug/Kg		05/03/14 09:15	05/03/14 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		45 - 132				05/03/14 09:15	05/03/14 14:52	1
DCB Decachlorobiphenyl	76		42 - 146				05/03/14 09:15	05/03/14 14:52	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-7' EVELYN

Lab Sample ID: 720-57003-8

Date Collected: 04/25/14 08:14

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.48		mg/Kg		04/29/14 13:12	05/01/14 21:23	1
Arsenic	3.3		0.96		mg/Kg		04/29/14 13:12	04/30/14 20:49	1
Barium	140		0.48		mg/Kg		04/29/14 13:12	05/01/14 21:23	1
Beryllium	ND		0.096		mg/Kg		04/29/14 13:12	04/30/14 20:49	1
Cadmium	ND		0.12		mg/Kg		04/29/14 13:12	05/01/14 21:23	1
Chromium	41		0.48		mg/Kg		04/29/14 13:12	04/30/14 20:49	1
Cobalt	9.2		0.19		mg/Kg		04/29/14 13:12	04/30/14 20:49	1
Copper	22		1.4		mg/Kg		04/29/14 13:12	04/30/14 20:49	1
Lead	4.8		0.48		mg/Kg		04/29/14 13:12	05/01/14 21:23	1
Molybdenum	ND		0.48		mg/Kg		04/29/14 13:12	05/01/14 21:23	1
Nickel	46		0.48		mg/Kg		04/29/14 13:12	04/30/14 20:49	1
Selenium	ND		0.96		mg/Kg		04/29/14 13:12	05/01/14 21:23	1
Silver	ND		0.24		mg/Kg		04/29/14 13:12	05/01/14 21:23	1
Thallium	ND		0.48		mg/Kg		04/29/14 13:12	05/01/14 21:23	1
Vanadium	38		0.48		mg/Kg		04/29/14 13:12	04/30/14 20:49	1
Zinc	36	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 20:49	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.078		0.0095		mg/Kg		04/29/14 13:15	04/30/14 12:00	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN/MARSHALL

Lab Sample ID: 720-57003-9

Date Collected: 04/25/14 08:41

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Acetone	ND		46		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Benzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Dichlorobromomethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Bromobenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Chlorobromomethane	ND		19		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Bromoform	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Bromomethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
2-Butanone (MEK)	ND		46		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
n-Butylbenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
sec-Butylbenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
tert-Butylbenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Carbon disulfide	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Carbon tetrachloride	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Chlorobenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Chloroethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Chloroform	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Chloromethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
2-Chlorotoluene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
4-Chlorotoluene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Chlorodibromomethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,2-Dichlorobenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,3-Dichlorobenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,4-Dichlorobenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,3-Dichloropropane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,1-Dichloropropene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,2-Dibromo-3-Chloropropane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Ethylene Dibromide	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Dibromomethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Dichlorodifluoromethane	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,1-Dichloroethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,2-Dichloroethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,1-Dichloroethene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
cis-1,2-Dichloroethene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
trans-1,2-Dichloroethene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,2-Dichloropropane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
cis-1,3-Dichloropropene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
trans-1,3-Dichloropropene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Ethylbenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Hexachlorobutadiene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
2-Hexanone	ND		46		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Isopropylbenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
4-Isopropyltoluene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Methylene Chloride	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
4-Methyl-2-pentanone (MIBK)	ND		46		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Naphthalene	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
N-Propylbenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Styrene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,1,1,2-Tetrachloroethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN/MARSHALL

Lab Sample ID: 720-57003-9

Date Collected: 04/25/14 08:41

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Tetrachloroethene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Toluene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,2,3-Trichlorobenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,2,4-Trichlorobenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,1,1-Trichloroethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,1,2-Trichloroethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Trichloroethene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Trichlorofluoromethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,2,3-Trichloropropane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,2,4-Trimethylbenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
1,3,5-Trimethylbenzene	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Vinyl acetate	ND		46		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Vinyl chloride	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Xylenes, Total	ND		9.3		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
2,2-Dichloropropane	ND		4.6		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		04/25/14 21:06	04/26/14 03:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131				04/25/14 21:06	04/26/14 03:09	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 140				04/25/14 21:06	04/26/14 03:09	1
Toluene-d8 (Surr)	96		58 - 140				04/25/14 21:06	04/26/14 03:09	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Acenaphthylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Chrysene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Fluorene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Naphthalene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Phenanthrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		33 - 120				04/30/14 17:43	05/01/14 20:58	1
Terphenyl-d14	72		35 - 146				04/30/14 17:43	05/01/14 20:58	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		05/01/14 14:54	05/02/14 19:23	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN/MARSHALL

Lab Sample ID: 720-57003-9

Date Collected: 04/25/14 08:41

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.002		0 - 1				05/01/14 14:54	05/02/14 19:23	1
p-Terphenyl	94		38 - 148				05/01/14 14:54	05/02/14 19:23	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Dieldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Endrin aldehyde	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Endrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Endrin ketone	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Heptachlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
4,4'-DDT	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
4,4'-DDE	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
4,4'-DDD	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Endosulfan I	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Endosulfan II	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
alpha-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
beta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
delta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Methoxychlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Toxaphene	ND		39		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Chlordane (technical)	ND		39		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
alpha-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
gamma-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92		57 - 122				05/01/14 16:02	05/02/14 16:05	1
DCB Decachlorobiphenyl	108		21 - 136				05/01/14 16:02	05/02/14 16:05	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1221	ND		48		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1232	ND		48		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1242	ND		48		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1248	ND		48		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1254	ND		48		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
PCB-1260	ND		48		ug/Kg		05/01/14 16:02	05/02/14 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		45 - 132				05/01/14 16:02	05/02/14 13:20	1
DCB Decachlorobiphenyl	84		42 - 146				05/01/14 16:02	05/02/14 13:20	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN/MARSHALL

Lab Sample ID: 720-57003-9

Date Collected: 04/25/14 08:41

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.45		mg/Kg		04/29/14 13:12	05/01/14 21:28	1
Arsenic	3.2		0.89		mg/Kg		04/29/14 13:12	04/30/14 20:54	1
Barium	110		0.45		mg/Kg		04/29/14 13:12	05/01/14 21:28	1
Beryllium	ND		0.089		mg/Kg		04/29/14 13:12	04/30/14 20:54	1
Cadmium	ND		0.11		mg/Kg		04/29/14 13:12	05/01/14 21:28	1
Chromium	45		0.45		mg/Kg		04/29/14 13:12	04/30/14 20:54	1
Cobalt	9.0		0.18		mg/Kg		04/29/14 13:12	04/30/14 20:54	1
Copper	21		1.3		mg/Kg		04/29/14 13:12	04/30/14 20:54	1
Lead	4.7		0.45		mg/Kg		04/29/14 13:12	05/01/14 21:28	1
Molybdenum	ND		0.45		mg/Kg		04/29/14 13:12	05/01/14 21:28	1
Nickel	49		0.45		mg/Kg		04/29/14 13:12	04/30/14 20:54	1
Selenium	ND		0.89		mg/Kg		04/29/14 13:12	05/01/14 21:28	1
Silver	ND		0.22		mg/Kg		04/29/14 13:12	05/01/14 21:28	1
Thallium	ND		0.45		mg/Kg		04/29/14 13:12	05/01/14 21:28	1
Vanadium	36		0.45		mg/Kg		04/29/14 13:12	04/30/14 20:54	1
Zinc	35	B	1.3		mg/Kg		04/29/14 13:12	04/30/14 20:54	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.077		0.0087		mg/Kg		04/29/14 13:15	04/30/14 12:02	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-3' EVELYN/MARSHALL

Lab Sample ID: 720-57003-10

Date Collected: 04/25/14 08:48

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Acetone	ND		48		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Benzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Dichlorobromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Bromobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Chlorobromomethane	ND		19		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Bromoform	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Bromomethane	ND		9.5		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
2-Butanone (MEK)	ND		48		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
n-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
sec-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
tert-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Carbon disulfide	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Carbon tetrachloride	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Chlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Chloroethane	ND		9.5		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Chloroform	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Chloromethane	ND		9.5		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
2-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
4-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Chlorodibromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,3-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,1-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,2-Dibromo-3-Chloropropane	ND		9.5		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Ethylene Dibromide	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Dibromomethane	ND		9.5		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Dichlorodifluoromethane	ND		9.5		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,1-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,2-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,1-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Ethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Hexachlorobutadiene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
2-Hexanone	ND		48		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Isopropylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
4-Isopropyltoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Methylene Chloride	ND		9.5		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Naphthalene	ND		9.5		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
N-Propylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Styrene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-3' EVELYN/MARSHALL

Lab Sample ID: 720-57003-10

Date Collected: 04/25/14 08:48

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Tetrachloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Toluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Trichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Trichlorofluoromethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Vinyl acetate	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Vinyl chloride	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Xylenes, Total	ND		9.5		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
2,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 03:38	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		04/25/14 21:06	04/26/14 03:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		45 - 131	04/25/14 21:06	04/26/14 03:38	1
1,2-Dichloroethane-d4 (Surr)	94		60 - 140	04/25/14 21:06	04/26/14 03:38	1
Toluene-d8 (Surr)	95		58 - 140	04/25/14 21:06	04/26/14 03:38	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Acenaphthylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Chrysene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Fluorene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Naphthalene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Phenanthrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1
Pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 20:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	59		33 - 120	04/30/14 17:43	05/01/14 20:34	1
Terphenyl-d14	69		35 - 146	04/30/14 17:43	05/01/14 20:34	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		05/01/14 14:54	05/02/14 19:53	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-3' EVELYN/MARSHALL

Lab Sample ID: 720-57003-10

Date Collected: 04/25/14 08:48

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0		0 - 1				05/01/14 14:54	05/02/14 19:53	1
p-Terphenyl	89		38 - 148				05/01/14 14:54	05/02/14 19:53	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Toxaphene	ND		40		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Chlordane (technical)	ND		40		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		57 - 122				05/01/14 16:02	05/02/14 16:23	1
DCB Decachlorobiphenyl	110		21 - 136				05/01/14 16:02	05/02/14 16:23	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1221	ND		50		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1232	ND		50		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1242	ND		50		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1248	ND		50		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1254	ND		50		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
PCB-1260	ND		50		ug/Kg		05/01/14 16:02	05/02/14 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		45 - 132				05/01/14 16:02	05/02/14 13:37	1
DCB Decachlorobiphenyl	84		42 - 146				05/01/14 16:02	05/02/14 13:37	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
 Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-3' EVELYN/MARSHALL

Lab Sample ID: 720-57003-10

Date Collected: 04/25/14 08:48

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:33	1
Arsenic	3.3		0.88		mg/Kg		04/29/14 13:12	04/30/14 20:58	1
Barium	110		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:33	1
Beryllium	ND		0.088		mg/Kg		04/29/14 13:12	04/30/14 20:58	1
Cadmium	ND		0.11		mg/Kg		04/29/14 13:12	05/01/14 21:33	1
Chromium	41		0.44		mg/Kg		04/29/14 13:12	04/30/14 20:58	1
Cobalt	8.9		0.18		mg/Kg		04/29/14 13:12	04/30/14 20:58	1
Copper	23		1.3		mg/Kg		04/29/14 13:12	04/30/14 20:58	1
Lead	4.9		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:33	1
Molybdenum	ND		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:33	1
Nickel	47		0.44		mg/Kg		04/29/14 13:12	04/30/14 20:58	1
Selenium	ND		0.88		mg/Kg		04/29/14 13:12	05/01/14 21:33	1
Silver	ND		0.22		mg/Kg		04/29/14 13:12	05/01/14 21:33	1
Thallium	ND		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:33	1
Vanadium	36		0.44		mg/Kg		04/29/14 13:12	04/30/14 20:58	1
Zinc	37	B	1.3		mg/Kg		04/29/14 13:12	04/30/14 20:58	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058		0.010		mg/Kg		04/29/14 13:15	04/30/14 12:05	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-11

Date Collected: 04/25/14 08:50

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Acetone	ND		48		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Benzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Dichlorobromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Bromobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Chlorobromomethane	ND		19		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Bromoform	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Bromomethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
2-Butanone (MEK)	ND		48		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
n-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
sec-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
tert-Butylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Carbon disulfide	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Carbon tetrachloride	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Chlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Chloroethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Chloroform	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Chloromethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
2-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
4-Chlorotoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Chlorodibromomethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,3-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,1-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Ethylene Dibromide	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Dibromomethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,1-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,2-Dichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,1-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Ethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Hexachlorobutadiene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
2-Hexanone	ND		48		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Isopropylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
4-Isopropyltoluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Methylene Chloride	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Naphthalene	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
N-Propylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Styrene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-11

Date Collected: 04/25/14 08:50

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Tetrachloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Toluene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Trichloroethene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Trichlorofluoromethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Vinyl acetate	ND		48		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Vinyl chloride	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Xylenes, Total	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
2,2-Dichloropropane	ND		4.8		ug/Kg		04/25/14 21:06	04/26/14 04:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		04/25/14 21:06	04/26/14 04:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		45 - 131	04/25/14 21:06	04/26/14 04:06	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 140	04/25/14 21:06	04/26/14 04:06	1
Toluene-d8 (Surr)	96		58 - 140	04/25/14 21:06	04/26/14 04:06	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Acenaphthylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Chrysene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Fluorene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Naphthalene	5.6		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Phenanthrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1
Pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	50		33 - 120	04/30/14 17:43	05/01/14 21:21	1
Terphenyl-d14	68		35 - 146	04/30/14 17:43	05/01/14 21:21	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		05/01/14 14:54	05/02/14 20:22	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-11

Date Collected: 04/25/14 08:50

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0		0 - 1				05/01/14 14:54	05/02/14 20:22	1
p-Terphenyl	74		38 - 148				05/01/14 14:54	05/02/14 20:22	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Toxaphene	ND		40		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Chlordane (technical)	ND		40		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		57 - 122				05/01/14 16:02	05/02/14 16:42	1
DCB Decachlorobiphenyl	117		21 - 136				05/01/14 16:02	05/02/14 16:42	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1221	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1232	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1242	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1248	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1254	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
PCB-1260	ND		49		ug/Kg		05/01/14 16:02	05/02/14 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		45 - 132				05/01/14 16:02	05/02/14 13:53	1
DCB Decachlorobiphenyl	88		42 - 146				05/01/14 16:02	05/02/14 13:53	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-11

Date Collected: 04/25/14 08:50

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:38	1
Arsenic	3.0		0.88		mg/Kg		04/29/14 13:12	04/30/14 21:02	1
Barium	110		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:38	1
Beryllium	ND		0.088		mg/Kg		04/29/14 13:12	04/30/14 21:02	1
Cadmium	ND		0.11		mg/Kg		04/29/14 13:12	05/01/14 21:38	1
Chromium	41		0.44		mg/Kg		04/29/14 13:12	04/30/14 21:02	1
Cobalt	8.8		0.18		mg/Kg		04/29/14 13:12	04/30/14 21:02	1
Copper	20		1.3		mg/Kg		04/29/14 13:12	04/30/14 21:02	1
Lead	4.0		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:38	1
Molybdenum	ND		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:38	1
Nickel	47		0.44		mg/Kg		04/29/14 13:12	04/30/14 21:02	1
Selenium	ND		0.88		mg/Kg		04/29/14 13:12	05/01/14 21:38	1
Silver	ND		0.22		mg/Kg		04/29/14 13:12	05/01/14 21:38	1
Thallium	ND		0.44		mg/Kg		04/29/14 13:12	05/01/14 21:38	1
Vanadium	40		0.44		mg/Kg		04/29/14 13:12	04/30/14 21:02	1
Zinc	33	B	1.3		mg/Kg		04/29/14 13:12	04/30/14 21:02	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.048		0.0091		mg/Kg		04/29/14 13:15	04/30/14 12:08	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-4.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-12

Date Collected: 04/25/14 09:00

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Acetone	ND		50		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Benzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Dichlorobromomethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Bromobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Chlorobromomethane	ND		20		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Bromoform	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Bromomethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
2-Butanone (MEK)	ND		50		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
n-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
sec-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
tert-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Carbon disulfide	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Carbon tetrachloride	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Chlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Chloroethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Chloroform	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Chloromethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
2-Chlorotoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
4-Chlorotoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Chlorodibromomethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,3-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,1-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Ethylene Dibromide	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Dibromomethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Dichlorodifluoromethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,1-Dichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,2-Dichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,1-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,2-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Ethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Hexachlorobutadiene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
2-Hexanone	ND		50		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Isopropylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
4-Isopropyltoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Methylene Chloride	ND		10		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Naphthalene	ND		10		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
N-Propylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Styrene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-4.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-12

Date Collected: 04/25/14 09:00

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Tetrachloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Toluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Trichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Trichlorofluoromethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Vinyl acetate	ND		50		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Vinyl chloride	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Xylenes, Total	ND		10		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
2,2-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 04:35	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/25/14 21:06	04/26/14 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		45 - 131	04/25/14 21:06	04/26/14 04:35	1
1,2-Dichloroethane-d4 (Surr)	90		60 - 140	04/25/14 21:06	04/26/14 04:35	1
Toluene-d8 (Surr)	96		58 - 140	04/25/14 21:06	04/26/14 04:35	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Acenaphthylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Benzo[a]anthracene	7.2		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Benzo[a]pyrene	6.5		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Benzo[b]fluoranthene	18		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Benzo[g,h,i]perylene	7.4		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Benzo[k]fluoranthene	6.7		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Chrysene	11		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Fluoranthene	11		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Fluorene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Indeno[1,2,3-cd]pyrene	7.2		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Naphthalene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Phenanthrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1
Pyrene	7.5		5.0		ug/Kg		04/30/14 17:43	05/01/14 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		33 - 120	04/30/14 17:43	05/01/14 21:45	1
Terphenyl-d14	75		35 - 146	04/30/14 17:43	05/01/14 21:45	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	0.99		0.99		mg/Kg		05/01/14 14:54	05/02/14 18:54	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-4.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-12

Date Collected: 04/25/14 09:00

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.03		0 - 1				05/01/14 14:54	05/02/14 18:54	1
p-Terphenyl	90		38 - 148				05/01/14 14:54	05/02/14 18:54	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Toxaphene	ND		40		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Chlordane (technical)	ND		40		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	102		57 - 122				05/01/14 16:02	05/02/14 17:00	1
DCB Decachlorobiphenyl	118		21 - 136				05/01/14 16:02	05/02/14 17:00	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1221	ND		50		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1232	ND		50		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1242	ND		50		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1248	ND		50		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1254	ND		50		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
PCB-1260	ND		50		ug/Kg		05/01/14 16:02	05/02/14 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		45 - 132				05/01/14 16:02	05/02/14 14:10	1
DCB Decachlorobiphenyl	89		42 - 146				05/01/14 16:02	05/02/14 14:10	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-4.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-12

Date Collected: 04/25/14 09:00

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:43	1
Arsenic	3.2		0.93		mg/Kg		04/29/14 13:12	04/30/14 21:07	1
Barium	120		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:43	1
Beryllium	ND		0.093		mg/Kg		04/29/14 13:12	04/30/14 21:07	1
Cadmium	ND		0.12		mg/Kg		04/29/14 13:12	05/01/14 21:43	1
Chromium	51		0.47		mg/Kg		04/29/14 13:12	04/30/14 21:07	1
Cobalt	8.7		0.19		mg/Kg		04/29/14 13:12	04/30/14 21:07	1
Copper	22		1.4		mg/Kg		04/29/14 13:12	04/30/14 21:07	1
Lead	4.6		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:43	1
Molybdenum	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:43	1
Nickel	47		0.47		mg/Kg		04/29/14 13:12	04/30/14 21:07	1
Selenium	ND		0.93		mg/Kg		04/29/14 13:12	05/01/14 21:43	1
Silver	ND		0.23		mg/Kg		04/29/14 13:12	05/01/14 21:43	1
Thallium	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:43	1
Vanadium	38		0.47		mg/Kg		04/29/14 13:12	04/30/14 21:07	1
Zinc	35	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 21:07	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.083		0.0083		mg/Kg		04/29/14 13:15	04/30/14 12:10	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-12' EVELYN/MARSHALL

Lab Sample ID: 720-57003-13

Date Collected: 04/25/14 09:09

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Acetone	ND		49		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Benzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Dichlorobromomethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Bromobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Chlorobromomethane	ND		19		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Bromoform	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Bromomethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
2-Butanone (MEK)	ND		49		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
n-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
sec-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
tert-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Carbon disulfide	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Carbon tetrachloride	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Chlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Chloroethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Chloroform	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Chloromethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
2-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
4-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Chlorodibromomethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,3-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,1-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Ethylene Dibromide	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Dibromomethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,1-Dichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,2-Dichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,1-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Ethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Hexachlorobutadiene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
2-Hexanone	ND		49		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Isopropylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
4-Isopropyltoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Methylene Chloride	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Naphthalene	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
N-Propylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Styrene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-12' EVELYN/MARSHALL

Lab Sample ID: 720-57003-13

Date Collected: 04/25/14 09:09

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Tetrachloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Toluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Trichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Trichlorofluoromethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Vinyl acetate	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Vinyl chloride	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Xylenes, Total	ND		9.7		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
2,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:05	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		04/25/14 21:06	04/26/14 05:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	04/25/14 21:06	04/26/14 05:05	1
1,2-Dichloroethane-d4 (Surr)	89		60 - 140	04/25/14 21:06	04/26/14 05:05	1
Toluene-d8 (Surr)	96		58 - 140	04/25/14 21:06	04/26/14 05:05	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Acenaphthylene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Anthracene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Benzo[a]anthracene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Benzo[a]pyrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Chrysene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Fluoranthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Fluorene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Naphthalene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Phenanthrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1
Pyrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	62		33 - 120	04/30/14 17:43	05/01/14 22:09	1
Terphenyl-d14	76		35 - 146	04/30/14 17:43	05/01/14 22:09	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		05/01/14 14:54	05/02/14 19:23	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-12' EVELYN/MARSHALL

Lab Sample ID: 720-57003-13

Date Collected: 04/25/14 09:09

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		05/01/14 14:54	05/02/14 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.005		0 - 1				05/01/14 14:54	05/02/14 19:23	1
p-Terphenyl	94		38 - 148				05/01/14 14:54	05/02/14 19:23	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Dieldrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Endrin aldehyde	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Endrin	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Endrin ketone	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Heptachlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Heptachlor epoxide	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
4,4'-DDT	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
4,4'-DDE	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
4,4'-DDD	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Endosulfan I	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Endosulfan II	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
alpha-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
beta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
delta-BHC	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Endosulfan sulfate	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Methoxychlor	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Toxaphene	ND		39		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Chlordane (technical)	ND		39		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
alpha-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
gamma-Chlordane	ND		1.9		ug/Kg		05/01/14 16:02	05/02/14 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	96		57 - 122				05/01/14 16:02	05/02/14 17:18	1
DCB Decachlorobiphenyl	116		21 - 136				05/01/14 16:02	05/02/14 17:18	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		48		ug/Kg		05/01/14 16:02	05/02/14 14:27	1
PCB-1221	ND		48		ug/Kg		05/01/14 16:02	05/02/14 14:27	1
PCB-1232	ND		48		ug/Kg		05/01/14 16:02	05/02/14 14:27	1
PCB-1242	ND		48		ug/Kg		05/01/14 16:02	05/02/14 14:27	1
PCB-1248	ND		48		ug/Kg		05/01/14 16:02	05/02/14 14:27	1
PCB-1254	ND		48		ug/Kg		05/01/14 16:02	05/02/14 14:27	1
PCB-1260	ND		48		ug/Kg		05/01/14 16:02	05/02/14 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		45 - 132				05/01/14 16:02	05/02/14 14:27	1
DCB Decachlorobiphenyl	87		42 - 146				05/01/14 16:02	05/02/14 14:27	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-12' EVELYN/MARSHALL

Lab Sample ID: 720-57003-13

Date Collected: 04/25/14 09:09

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.94		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Arsenic	2.8		1.9		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Barium	110		0.94		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Beryllium	ND		0.19		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Cadmium	ND		0.24		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Chromium	50		0.94		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Cobalt	15		0.38		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Copper	28		2.8		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Lead	3.5		0.94		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Molybdenum	ND		0.94		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Nickel	53		0.94		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Selenium	ND		1.9		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Silver	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Thallium	ND		0.94		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Vanadium	63		0.94		mg/Kg		04/29/14 13:12	05/01/14 21:48	2
Zinc	43	B	2.8		mg/Kg		04/29/14 13:12	05/01/14 21:48	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.0083		mg/Kg		04/29/14 13:15	04/30/14 12:12	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-2' EVELYN/MARSHALL

Lab Sample ID: 720-57003-14

Date Collected: 04/25/14 09:20

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Acetone	ND		49		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Benzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Dichlorobromomethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Bromobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Chlorobromomethane	ND		20		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Bromoform	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Bromomethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
2-Butanone (MEK)	ND		49		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
n-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
sec-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
tert-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Carbon disulfide	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Carbon tetrachloride	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Chlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Chloroethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Chloroform	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Chloromethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
2-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
4-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Chlorodibromomethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,3-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,1-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Ethylene Dibromide	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Dibromomethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,1-Dichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,2-Dichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,1-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Ethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Hexachlorobutadiene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
2-Hexanone	ND		49		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Isopropylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
4-Isopropyltoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Methylene Chloride	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Naphthalene	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
N-Propylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Styrene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-2' EVELYN/MARSHALL

Lab Sample ID: 720-57003-14

Date Collected: 04/25/14 09:20

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Tetrachloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Toluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Trichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Trichlorofluoromethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Vinyl acetate	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Vinyl chloride	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Xylenes, Total	ND		9.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
2,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 05:34	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/25/14 21:06	04/26/14 05:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		45 - 131	04/25/14 21:06	04/26/14 05:34	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 140	04/25/14 21:06	04/26/14 05:34	1
Toluene-d8 (Surr)	95		58 - 140	04/25/14 21:06	04/26/14 05:34	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Acenaphthylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Chrysene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Fluorene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Naphthalene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Phenanthrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1
Pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	67		33 - 120	04/30/14 17:43	05/01/14 22:32	1
Terphenyl-d14	81		35 - 146	04/30/14 17:43	05/01/14 22:32	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	3.1		1.0		mg/Kg		05/01/14 14:54	05/02/14 20:51	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-2' EVELYN/MARSHALL

Lab Sample ID: 720-57003-14

Date Collected: 04/25/14 09:20

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 14:54	05/02/14 20:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.02		0 - 1				05/01/14 14:54	05/02/14 20:51	1
p-Terphenyl	92		38 - 148				05/01/14 14:54	05/02/14 20:51	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Toxaphene	ND		39		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Chlordane (technical)	ND		39		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	100		57 - 122				05/01/14 16:02	05/02/14 17:36	1
DCB Decachlorobiphenyl	117		21 - 136				05/01/14 16:02	05/02/14 17:36	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:43	1
PCB-1221	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:43	1
PCB-1232	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:43	1
PCB-1242	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:43	1
PCB-1248	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:43	1
PCB-1254	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:43	1
PCB-1260	ND		49		ug/Kg		05/01/14 16:02	05/02/14 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		45 - 132				05/01/14 16:02	05/02/14 14:43	1
DCB Decachlorobiphenyl	88		42 - 146				05/01/14 16:02	05/02/14 14:43	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-2' EVELYN/MARSHALL

Lab Sample ID: 720-57003-14

Date Collected: 04/25/14 09:20

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.81		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Arsenic	2.6		1.6		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Barium	100		0.81		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Beryllium	ND		0.16		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Cadmium	ND		0.20		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Chromium	52		0.81		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Cobalt	11		0.32		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Copper	24		2.4		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Lead	9.3		0.81		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Molybdenum	ND		0.81		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Nickel	42		0.81		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Selenium	ND		1.6		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Silver	ND		0.40		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Thallium	ND		0.81		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Vanadium	50		0.81		mg/Kg		04/29/14 13:12	05/01/14 21:52	2
Zinc	47	B	2.4		mg/Kg		04/29/14 13:12	05/01/14 21:52	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.0097		mg/Kg		04/29/14 13:15	04/30/14 12:15	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-15

Date Collected: 04/25/14 09:25

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Acetone	ND		50		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Benzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Dichlorobromomethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Bromobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Chlorobromomethane	ND		20		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Bromoform	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Bromomethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
2-Butanone (MEK)	ND		50		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
n-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
sec-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
tert-Butylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Carbon disulfide	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Carbon tetrachloride	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Chlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Chloroethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Chloroform	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Chloromethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
2-Chlorotoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
4-Chlorotoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Chlorodibromomethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,3-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,1-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Ethylene Dibromide	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Dibromomethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Dichlorodifluoromethane	ND		10		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,1-Dichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,2-Dichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,1-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,2-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Ethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Hexachlorobutadiene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
2-Hexanone	ND		50		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Isopropylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
4-Isopropyltoluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Methylene Chloride	ND		10		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Naphthalene	ND		10		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
N-Propylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Styrene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-15

Date Collected: 04/25/14 09:25

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Tetrachloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Toluene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Trichloroethene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Trichlorofluoromethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Vinyl acetate	ND		50		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Vinyl chloride	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Xylenes, Total	ND		10		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
2,2-Dichloropropane	ND		5.0		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/25/14 21:06	04/26/14 06:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131				04/25/14 21:06	04/26/14 06:03	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 140				04/25/14 21:06	04/26/14 06:03	1
Toluene-d8 (Surr)	96		58 - 140				04/25/14 21:06	04/26/14 06:03	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Acenaphthylene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Anthracene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Benzo[a]anthracene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Benzo[a]pyrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Chrysene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Fluoranthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Fluorene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Naphthalene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Phenanthrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Pyrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 22:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	58		33 - 120				04/30/14 17:43	05/01/14 22:56	1
Terphenyl-d14	86		35 - 146				04/30/14 17:43	05/01/14 22:56	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		05/01/14 19:09	05/02/14 20:51	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-15

Date Collected: 04/25/14 09:25

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 19:09	05/02/14 20:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.006		0 - 1				05/01/14 19:09	05/02/14 20:51	1
p-Terphenyl	105		38 - 148				05/01/14 19:09	05/02/14 20:51	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Toxaphene	ND		40		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Chlordane (technical)	ND		40		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	103		57 - 122				05/01/14 16:02	05/02/14 17:53	1
DCB Decachlorobiphenyl	116		21 - 136				05/01/14 16:02	05/02/14 17:53	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:00	1
PCB-1221	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:00	1
PCB-1232	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:00	1
PCB-1242	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:00	1
PCB-1248	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:00	1
PCB-1254	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:00	1
PCB-1260	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		45 - 132				05/01/14 16:02	05/02/14 15:00	1
DCB Decachlorobiphenyl	89		42 - 146				05/01/14 16:02	05/02/14 15:00	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-15

Date Collected: 04/25/14 09:25

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.49		mg/Kg		04/29/14 13:12	05/01/14 22:08	1
Arsenic	2.7		0.97		mg/Kg		04/29/14 13:12	04/30/14 21:28	1
Barium	84		0.49		mg/Kg		04/29/14 13:12	05/01/14 22:08	1
Beryllium	ND		0.097		mg/Kg		04/29/14 13:12	04/30/14 21:28	1
Cadmium	ND		0.12		mg/Kg		04/29/14 13:12	05/01/14 22:08	1
Chromium	50		0.49		mg/Kg		04/29/14 13:12	04/30/14 21:28	1
Cobalt	9.0		0.19		mg/Kg		04/29/14 13:12	04/30/14 21:28	1
Copper	19		1.5		mg/Kg		04/29/14 13:12	04/30/14 21:28	1
Lead	4.3		0.49		mg/Kg		04/29/14 13:12	05/01/14 22:08	1
Molybdenum	ND		0.49		mg/Kg		04/29/14 13:12	05/01/14 22:08	1
Nickel	55		0.49		mg/Kg		04/29/14 13:12	04/30/14 21:28	1
Selenium	ND		0.97		mg/Kg		04/29/14 13:12	05/01/14 22:08	1
Silver	ND		0.24		mg/Kg		04/29/14 13:12	05/01/14 22:08	1
Thallium	ND		0.49		mg/Kg		04/29/14 13:12	05/01/14 22:08	1
Vanadium	42		0.49		mg/Kg		04/29/14 13:12	04/30/14 21:28	1
Zinc	33	B	1.5		mg/Kg		04/29/14 13:12	04/30/14 21:28	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.060		0.0083		mg/Kg		04/29/14 13:15	04/30/14 12:17	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-2.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-16

Date Collected: 04/25/14 09:30

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Acetone	ND		49		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Benzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Dichlorobromomethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Bromobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Chlorobromomethane	ND		20		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Bromoform	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Bromomethane	ND		9.8		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
2-Butanone (MEK)	ND		49		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
n-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
sec-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
tert-Butylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Carbon disulfide	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Carbon tetrachloride	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Chlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Chloroethane	ND		9.8		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Chloroform	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Chloromethane	ND		9.8		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
2-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
4-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Chlorodibromomethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,3-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,1-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Ethylene Dibromide	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Dibromomethane	ND		9.8		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,1-Dichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,2-Dichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,1-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Ethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Hexachlorobutadiene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
2-Hexanone	ND		49		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Isopropylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
4-Isopropyltoluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Methylene Chloride	ND		9.8		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Naphthalene	ND		9.8		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
N-Propylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Styrene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-2.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-16

Date Collected: 04/25/14 09:30

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Tetrachloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Toluene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Trichloroethene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Trichlorofluoromethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Vinyl acetate	ND		49		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Vinyl chloride	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Xylenes, Total	ND		9.8		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
2,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 21:06	04/26/14 06:32	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/25/14 21:06	04/26/14 06:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	82		45 - 131	04/25/14 21:06	04/26/14 06:32	1
1,2-Dichloroethane-d4 (Surr)	91		60 - 140	04/25/14 21:06	04/26/14 06:32	1
Toluene-d8 (Surr)	93		58 - 140	04/25/14 21:06	04/26/14 06:32	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Acenaphthylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Chrysene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Fluorene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Naphthalene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Phenanthrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1
Pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 23:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		33 - 120	04/30/14 17:43	05/01/14 23:19	1
Terphenyl-d14	61		35 - 146	04/30/14 17:43	05/01/14 23:19	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.3		0.99		mg/Kg		05/01/14 19:09	05/02/14 21:20	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-2.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-16

Date Collected: 04/25/14 09:30

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		05/01/14 19:09	05/02/14 21:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.004		0 - 1				05/01/14 19:09	05/02/14 21:20	1
p-Terphenyl	94		38 - 148				05/01/14 19:09	05/02/14 21:20	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Toxaphene	ND		39		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Chlordane (technical)	ND		39		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		57 - 122				05/01/14 16:02	05/02/14 18:11	1
DCB Decachlorobiphenyl	99		21 - 136				05/01/14 16:02	05/02/14 18:11	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		05/01/14 16:02	05/02/14 17:55	1
PCB-1221	ND		49		ug/Kg		05/01/14 16:02	05/02/14 17:55	1
PCB-1232	ND		49		ug/Kg		05/01/14 16:02	05/02/14 17:55	1
PCB-1242	ND		49		ug/Kg		05/01/14 16:02	05/02/14 17:55	1
PCB-1248	ND		49		ug/Kg		05/01/14 16:02	05/02/14 17:55	1
PCB-1254	ND		49		ug/Kg		05/01/14 16:02	05/02/14 17:55	1
PCB-1260	ND		49		ug/Kg		05/01/14 16:02	05/02/14 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		45 - 132				05/01/14 16:02	05/02/14 17:55	1
DCB Decachlorobiphenyl	83		42 - 146				05/01/14 16:02	05/02/14 17:55	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-2.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-16

Date Collected: 04/25/14 09:30

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.45		mg/Kg		04/29/14 13:12	05/01/14 22:13	1
Arsenic	3.7		0.91		mg/Kg		04/29/14 13:12	04/30/14 21:33	1
Barium	140		0.45		mg/Kg		04/29/14 13:12	05/01/14 22:13	1
Beryllium	ND		0.091		mg/Kg		04/29/14 13:12	04/30/14 21:33	1
Cadmium	0.13		0.11		mg/Kg		04/29/14 13:12	05/01/14 22:13	1
Chromium	43		0.45		mg/Kg		04/29/14 13:12	04/30/14 21:33	1
Cobalt	9.5		0.18		mg/Kg		04/29/14 13:12	04/30/14 21:33	1
Copper	24		1.4		mg/Kg		04/29/14 13:12	04/30/14 21:33	1
Lead	9.5		0.45		mg/Kg		04/29/14 13:12	05/01/14 22:13	1
Molybdenum	ND		0.45		mg/Kg		04/29/14 13:12	05/01/14 22:13	1
Nickel	53		0.45		mg/Kg		04/29/14 13:12	04/30/14 21:33	1
Selenium	ND		0.91		mg/Kg		04/29/14 13:12	05/01/14 22:13	1
Silver	ND		0.23		mg/Kg		04/29/14 13:12	05/01/14 22:13	1
Thallium	ND		0.45		mg/Kg		04/29/14 13:12	05/01/14 22:13	1
Vanadium	37		0.45		mg/Kg		04/29/14 13:12	04/30/14 21:33	1
Zinc	43	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 21:33	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.076		0.0088		mg/Kg		04/29/14 13:15	04/30/14 12:24	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-7' EVELYN/MARSHALL

Lab Sample ID: 720-57003-17

Date Collected: 04/25/14 09:34

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Acetone	ND		49		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Benzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Dichlorobromomethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Bromobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Chlorobromomethane	ND		20		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Bromoform	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Bromomethane	ND		9.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
2-Butanone (MEK)	ND		49		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
n-Butylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
sec-Butylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
tert-Butylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Carbon disulfide	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Carbon tetrachloride	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Chlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Chloroethane	ND		9.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Chloroform	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Chloromethane	ND		9.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
2-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
4-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Chlorodibromomethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,3-Dichloropropane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,1-Dichloropropene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Ethylene Dibromide	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Dibromomethane	ND		9.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,1-Dichloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,2-Dichloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,1-Dichloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Ethylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Hexachlorobutadiene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
2-Hexanone	ND		49		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Isopropylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
4-Isopropyltoluene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Methylene Chloride	ND		9.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Naphthalene	ND		9.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
N-Propylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Styrene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-7' EVELYN/MARSHALL

Lab Sample ID: 720-57003-17

Date Collected: 04/25/14 09:34

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Tetrachloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Toluene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Trichloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Trichlorofluoromethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Vinyl acetate	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Vinyl chloride	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Xylenes, Total	ND		9.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
2,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 20:45	04/26/14 05:47	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/25/14 20:45	04/26/14 05:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		45 - 131	04/25/14 20:45	04/26/14 05:47	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 140	04/25/14 20:45	04/26/14 05:47	1
Toluene-d8 (Surr)	91		58 - 140	04/25/14 20:45	04/26/14 05:47	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Acenaphthylene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Anthracene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Benzo[a]anthracene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Benzo[a]pyrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Chrysene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Fluoranthene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Fluorene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Naphthalene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Phenanthrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1
Pyrene	ND		4.9		ug/Kg		04/30/14 17:43	05/01/14 23:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		33 - 120	04/30/14 17:43	05/01/14 23:43	1
Terphenyl-d14	65		35 - 146	04/30/14 17:43	05/01/14 23:43	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1.7		1.0		mg/Kg		05/02/14 10:27	05/02/14 23:47	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-7' EVELYN/MARSHALL

Lab Sample ID: 720-57003-17

Date Collected: 04/25/14 09:34

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/02/14 10:27	05/02/14 23:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.002		0 - 1				05/02/14 10:27	05/02/14 23:47	1
p-Terphenyl	84		38 - 148				05/02/14 10:27	05/02/14 23:47	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Toxaphene	ND		40		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Chlordane (technical)	ND		40		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		57 - 122				05/01/14 16:02	05/02/14 18:29	1
DCB Decachlorobiphenyl	74		21 - 136				05/01/14 16:02	05/02/14 18:29	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:12	1
PCB-1221	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:12	1
PCB-1232	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:12	1
PCB-1242	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:12	1
PCB-1248	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:12	1
PCB-1254	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:12	1
PCB-1260	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	59		45 - 132				05/01/14 16:02	05/02/14 18:12	1
DCB Decachlorobiphenyl	68		42 - 146				05/01/14 16:02	05/02/14 18:12	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-7' EVELYN/MARSHALL

Lab Sample ID: 720-57003-17

Date Collected: 04/25/14 09:34

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.46		mg/Kg		04/29/14 13:12	05/01/14 22:17	1
Arsenic	3.2		0.92		mg/Kg		04/29/14 13:12	04/30/14 21:37	1
Barium	100		0.46		mg/Kg		04/29/14 13:12	05/01/14 22:17	1
Beryllium	ND		0.092		mg/Kg		04/29/14 13:12	04/30/14 21:37	1
Cadmium	0.11		0.11		mg/Kg		04/29/14 13:12	05/01/14 22:17	1
Chromium	42		0.46		mg/Kg		04/29/14 13:12	04/30/14 21:37	1
Cobalt	9.5		0.18		mg/Kg		04/29/14 13:12	04/30/14 21:37	1
Copper	22		1.4		mg/Kg		04/29/14 13:12	04/30/14 21:37	1
Lead	4.6		0.46		mg/Kg		04/29/14 13:12	05/01/14 22:17	1
Molybdenum	ND		0.46		mg/Kg		04/29/14 13:12	05/01/14 22:17	1
Nickel	50		0.46		mg/Kg		04/29/14 13:12	04/30/14 21:37	1
Selenium	ND		0.92		mg/Kg		04/29/14 13:12	05/01/14 22:17	1
Silver	ND		0.23		mg/Kg		04/29/14 13:12	05/01/14 22:17	1
Thallium	ND		0.46		mg/Kg		04/29/14 13:12	05/01/14 22:17	1
Vanadium	39		0.46		mg/Kg		04/29/14 13:12	04/30/14 21:37	1
Zinc	34	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 21:37	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.076		0.0092		mg/Kg		04/29/14 13:15	04/30/14 12:27	1

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-18

Date Collected: 04/25/14 09:38

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Acetone	ND		49		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Benzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Dichlorobromomethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Bromobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Chlorobromomethane	ND		20		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Bromoform	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Bromomethane	ND		9.8		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
2-Butanone (MEK)	ND		49		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
n-Butylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
sec-Butylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
tert-Butylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Carbon disulfide	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Carbon tetrachloride	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Chlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Chloroethane	ND		9.8		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Chloroform	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Chloromethane	ND		9.8		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
2-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
4-Chlorotoluene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Chlorodibromomethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,3-Dichloropropane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,1-Dichloropropene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Ethylene Dibromide	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Dibromomethane	ND		9.8		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,1-Dichloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,2-Dichloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,1-Dichloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Ethylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Hexachlorobutadiene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
2-Hexanone	ND		49		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Isopropylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
4-Isopropyltoluene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Methylene Chloride	ND		9.8		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Naphthalene	ND		9.8		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
N-Propylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Styrene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-18

Date Collected: 04/25/14 09:38

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Tetrachloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Toluene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Trichloroethene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Trichlorofluoromethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Vinyl acetate	ND		49		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Vinyl chloride	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Xylenes, Total	ND		9.8		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
2,2-Dichloropropane	ND		4.9		ug/Kg		04/25/14 20:45	04/25/14 23:34	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/25/14 20:45	04/25/14 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	84		45 - 131	04/25/14 20:45	04/25/14 23:34	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 140	04/25/14 20:45	04/25/14 23:34	1
Toluene-d8 (Surr)	91		58 - 140	04/25/14 20:45	04/25/14 23:34	1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Acenaphthylene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Chrysene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Fluorene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Naphthalene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Phenanthrene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1
Pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/02/14 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	58		33 - 120	04/30/14 17:43	05/02/14 00:06	1
Terphenyl-d14	71		35 - 146	04/30/14 17:43	05/02/14 00:06	1

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		05/01/14 19:09	05/02/14 20:22	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-18

Date Collected: 04/25/14 09:38

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		05/01/14 19:09	05/02/14 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.003		0 - 1				05/01/14 19:09	05/02/14 20:22	1
p-Terphenyl	92		38 - 148				05/01/14 19:09	05/02/14 20:22	1

Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Toxaphene	ND		40		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Chlordane (technical)	ND		40		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		57 - 122				05/01/14 16:02	05/02/14 18:47	1
DCB Decachlorobiphenyl	98		21 - 136				05/01/14 16:02	05/02/14 18:47	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:28	1
PCB-1221	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:28	1
PCB-1232	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:28	1
PCB-1242	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:28	1
PCB-1248	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:28	1
PCB-1254	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:28	1
PCB-1260	ND		50		ug/Kg		05/01/14 16:02	05/02/14 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		45 - 132				05/01/14 16:02	05/02/14 18:28	1
DCB Decachlorobiphenyl	80		42 - 146				05/01/14 16:02	05/02/14 18:28	1

TestAmerica Pleasanton

Client Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-18

Date Collected: 04/25/14 09:38

Matrix: Solid

Date Received: 04/25/14 12:20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 22:23	1
Arsenic	3.2		0.94		mg/Kg		04/29/14 13:12	04/30/14 21:41	1
Barium	94		0.47		mg/Kg		04/29/14 13:12	05/01/14 22:23	1
Beryllium	ND		0.094		mg/Kg		04/29/14 13:12	04/30/14 21:41	1
Cadmium	ND		0.12		mg/Kg		04/29/14 13:12	05/01/14 22:23	1
Chromium	57		0.47		mg/Kg		04/29/14 13:12	04/30/14 21:41	1
Cobalt	8.1		0.19		mg/Kg		04/29/14 13:12	04/30/14 21:41	1
Copper	22		1.4		mg/Kg		04/29/14 13:12	04/30/14 21:41	1
Lead	4.7		0.47		mg/Kg		04/29/14 13:12	05/01/14 22:23	1
Molybdenum	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 22:23	1
Nickel	51		0.47		mg/Kg		04/29/14 13:12	04/30/14 21:41	1
Selenium	ND		0.94		mg/Kg		04/29/14 13:12	05/01/14 22:23	1
Silver	ND		0.24		mg/Kg		04/29/14 13:12	05/01/14 22:23	1
Thallium	ND		0.47		mg/Kg		04/29/14 13:12	05/01/14 22:23	1
Vanadium	37		0.47		mg/Kg		04/29/14 13:12	04/30/14 21:41	1
Zinc	37	B	1.4		mg/Kg		04/29/14 13:12	04/30/14 21:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.0098		mg/Kg		04/29/14 13:15	04/30/14 12:29	1

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-158142/5

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			04/25/14 19:50	1
Acetone	ND		50		ug/Kg			04/25/14 19:50	1
Benzene	ND		5.0		ug/Kg			04/25/14 19:50	1
Dichlorobromomethane	ND		5.0		ug/Kg			04/25/14 19:50	1
Bromobenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
Chlorobromomethane	ND		20		ug/Kg			04/25/14 19:50	1
Bromoform	ND		5.0		ug/Kg			04/25/14 19:50	1
Bromomethane	ND		10		ug/Kg			04/25/14 19:50	1
2-Butanone (MEK)	ND		50		ug/Kg			04/25/14 19:50	1
n-Butylbenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
sec-Butylbenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
tert-Butylbenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
Carbon disulfide	ND		5.0		ug/Kg			04/25/14 19:50	1
Carbon tetrachloride	ND		5.0		ug/Kg			04/25/14 19:50	1
Chlorobenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
Chloroethane	ND		10		ug/Kg			04/25/14 19:50	1
Chloroform	ND		5.0		ug/Kg			04/25/14 19:50	1
Chloromethane	ND		10		ug/Kg			04/25/14 19:50	1
2-Chlorotoluene	ND		5.0		ug/Kg			04/25/14 19:50	1
4-Chlorotoluene	ND		5.0		ug/Kg			04/25/14 19:50	1
Chlorodibromomethane	ND		5.0		ug/Kg			04/25/14 19:50	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
1,3-Dichloropropane	ND		5.0		ug/Kg			04/25/14 19:50	1
1,1-Dichloropropene	ND		5.0		ug/Kg			04/25/14 19:50	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			04/25/14 19:50	1
Ethylene Dibromide	ND		5.0		ug/Kg			04/25/14 19:50	1
Dibromomethane	ND		10		ug/Kg			04/25/14 19:50	1
Dichlorodifluoromethane	ND		10		ug/Kg			04/25/14 19:50	1
1,1-Dichloroethane	ND		5.0		ug/Kg			04/25/14 19:50	1
1,2-Dichloroethane	ND		5.0		ug/Kg			04/25/14 19:50	1
1,1-Dichloroethene	ND		5.0		ug/Kg			04/25/14 19:50	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			04/25/14 19:50	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			04/25/14 19:50	1
1,2-Dichloropropane	ND		5.0		ug/Kg			04/25/14 19:50	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			04/25/14 19:50	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			04/25/14 19:50	1
Ethylbenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
Hexachlorobutadiene	ND		5.0		ug/Kg			04/25/14 19:50	1
2-Hexanone	ND		50		ug/Kg			04/25/14 19:50	1
Isopropylbenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
4-Isopropyltoluene	ND		5.0		ug/Kg			04/25/14 19:50	1
Methylene Chloride	ND		10		ug/Kg			04/25/14 19:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			04/25/14 19:50	1
Naphthalene	ND		10		ug/Kg			04/25/14 19:50	1
N-Propylbenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
Styrene	ND		5.0		ug/Kg			04/25/14 19:50	1

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-158142/5

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			04/25/14 19:50	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			04/25/14 19:50	1
Tetrachloroethene	ND		5.0		ug/Kg			04/25/14 19:50	1
Toluene	ND		5.0		ug/Kg			04/25/14 19:50	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			04/25/14 19:50	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			04/25/14 19:50	1
Trichloroethene	ND		5.0		ug/Kg			04/25/14 19:50	1
Trichlorofluoromethane	ND		5.0		ug/Kg			04/25/14 19:50	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			04/25/14 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			04/25/14 19:50	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			04/25/14 19:50	1
Vinyl acetate	ND		50		ug/Kg			04/25/14 19:50	1
Vinyl chloride	ND		5.0		ug/Kg			04/25/14 19:50	1
Xylenes, Total	ND		10		ug/Kg			04/25/14 19:50	1
2,2-Dichloropropane	ND		5.0		ug/Kg			04/25/14 19:50	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg			04/25/14 19:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		45 - 131		04/25/14 19:50	1
1,2-Dichloroethane-d4 (Surr)	88		60 - 140		04/25/14 19:50	1
Toluene-d8 (Surr)	98		58 - 140		04/25/14 19:50	1

Lab Sample ID: LCS 720-158142/6

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	50.5		ug/Kg		101	70 - 144
Acetone	250	214		ug/Kg		86	30 - 162
Benzene	50.0	49.3		ug/Kg		99	70 - 130
Dichlorobromomethane	50.0	51.6		ug/Kg		103	70 - 131
Bromobenzene	50.0	50.8		ug/Kg		102	70 - 130
Chlorobromomethane	50.0	55.5		ug/Kg		111	70 - 130
Bromoform	50.0	56.9		ug/Kg		114	59 - 158
Bromomethane	50.0	48.9		ug/Kg		98	59 - 132
2-Butanone (MEK)	250	220		ug/Kg		88	53 - 124
n-Butylbenzene	50.0	50.9		ug/Kg		102	70 - 142
sec-Butylbenzene	50.0	51.0		ug/Kg		102	70 - 136
tert-Butylbenzene	50.0	52.2		ug/Kg		104	70 - 130
Carbon disulfide	50.0	41.9		ug/Kg		84	60 - 140
Carbon tetrachloride	50.0	58.6		ug/Kg		117	70 - 138
Chlorobenzene	50.0	52.6		ug/Kg		105	70 - 130
Chloroethane	50.0	47.4		ug/Kg		95	65 - 130
Chloroform	50.0	49.8		ug/Kg		100	77 - 127

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-158142/6

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	50.0	44.7		ug/Kg		89	55 - 140
2-Chlorotoluene	50.0	48.9		ug/Kg		98	70 - 138
4-Chlorotoluene	50.0	47.8		ug/Kg		96	70 - 136
Chlorodibromomethane	50.0	57.3		ug/Kg		115	70 - 146
1,2-Dichlorobenzene	50.0	52.5		ug/Kg		105	70 - 130
1,3-Dichlorobenzene	50.0	53.0		ug/Kg		106	70 - 131
1,4-Dichlorobenzene	50.0	53.3		ug/Kg		107	70 - 130
1,3-Dichloropropane	50.0	50.1		ug/Kg		100	70 - 140
1,1-Dichloropropene	50.0	52.0		ug/Kg		104	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	49.9		ug/Kg		100	60 - 145
Ethylene Dibromide	50.0	54.4		ug/Kg		109	70 - 140
Dibromomethane	50.0	51.9		ug/Kg		104	70 - 139
Dichlorodifluoromethane	50.0	45.2		ug/Kg		90	37 - 158
1,1-Dichloroethane	50.0	48.5		ug/Kg		97	70 - 130
1,2-Dichloroethane	50.0	47.3		ug/Kg		95	70 - 130
1,1-Dichloroethene	50.0	51.0		ug/Kg		102	76 - 122
cis-1,2-Dichloroethene	50.0	49.0		ug/Kg		98	70 - 138
trans-1,2-Dichloroethene	50.0	50.8		ug/Kg		102	67 - 130
1,2-Dichloropropane	50.0	48.6		ug/Kg		97	73 - 127
cis-1,3-Dichloropropene	50.0	51.3		ug/Kg		103	68 - 147
trans-1,3-Dichloropropene	50.0	55.4		ug/Kg		111	70 - 136
Ethylbenzene	50.0	50.0		ug/Kg		100	80 - 137
Hexachlorobutadiene	50.0	54.6		ug/Kg		109	70 - 132
2-Hexanone	250	221		ug/Kg		89	44 - 133
Isopropylbenzene	50.0	55.3		ug/Kg		111	88 - 128
4-Isopropyltoluene	50.0	52.6		ug/Kg		105	70 - 133
Methylene Chloride	50.0	44.8		ug/Kg		90	70 - 134
4-Methyl-2-pentanone (MIBK)	250	229		ug/Kg		92	60 - 160
Naphthalene	50.0	54.9		ug/Kg		110	60 - 147
N-Propylbenzene	50.0	47.7		ug/Kg		95	70 - 130
Styrene	50.0	53.6		ug/Kg		107	70 - 130
1,1,1,2-Tetrachloroethane	50.0	58.2		ug/Kg		116	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.1		ug/Kg		94	70 - 146
Tetrachloroethene	50.0	58.8		ug/Kg		118	70 - 132
Toluene	50.0	46.2		ug/Kg		92	80 - 128
1,2,3-Trichlorobenzene	50.0	57.3		ug/Kg		115	60 - 140
1,2,4-Trichlorobenzene	50.0	57.1		ug/Kg		114	60 - 140
1,1,1-Trichloroethane	50.0	54.0		ug/Kg		108	70 - 130
1,1,2-Trichloroethane	50.0	52.2		ug/Kg		104	70 - 130
Trichloroethene	50.0	53.6		ug/Kg		107	70 - 133
Trichlorofluoromethane	50.0	50.5		ug/Kg		101	60 - 140
1,2,3-Trichloropropane	50.0	46.3		ug/Kg		93	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.9		ug/Kg		104	60 - 140
1,2,4-Trimethylbenzene	50.0	50.9		ug/Kg		102	70 - 130
1,3,5-Trimethylbenzene	50.0	51.1		ug/Kg		102	70 - 131
Vinyl acetate	50.0	54.9		ug/Kg		110	38 - 176
Vinyl chloride	50.0	44.8		ug/Kg		90	58 - 125

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-158142/6

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	53.8		ug/Kg		108	70 - 162
Surrogate							
	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene	101		45 - 131				
1,2-Dichloroethane-d4 (Surr)	87		60 - 140				
Toluene-d8 (Surr)	101		58 - 140				

Lab Sample ID: LCS 720-158142/8

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	1030		ug/Kg		103	61 - 128
Surrogate							
	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene	99		45 - 131				
1,2-Dichloroethane-d4 (Surr)	89		60 - 140				
Toluene-d8 (Surr)	101		58 - 140				

Lab Sample ID: LCSD 720-158142/7

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	52.7		ug/Kg		105	70 - 144	4	20
Acetone	250	232		ug/Kg		93	30 - 162	8	30
Benzene	50.0	49.5		ug/Kg		99	70 - 130	0	20
Dichlorobromomethane	50.0	52.1		ug/Kg		104	70 - 131	1	20
Bromobenzene	50.0	51.8		ug/Kg		104	70 - 130	2	20
Chlorobromomethane	50.0	56.1		ug/Kg		112	70 - 130	1	20
Bromoform	50.0	59.7		ug/Kg		119	59 - 158	5	20
Bromomethane	50.0	47.3		ug/Kg		95	59 - 132	3	20
2-Butanone (MEK)	250	244		ug/Kg		97	53 - 124	10	20
n-Butylbenzene	50.0	51.0		ug/Kg		102	70 - 142	0	20
sec-Butylbenzene	50.0	51.8		ug/Kg		104	70 - 136	2	20
tert-Butylbenzene	50.0	52.9		ug/Kg		106	70 - 130	1	20
Carbon disulfide	50.0	42.4		ug/Kg		85	60 - 140	1	20
Carbon tetrachloride	50.0	59.7		ug/Kg		119	70 - 138	2	20
Chlorobenzene	50.0	52.7		ug/Kg		105	70 - 130	0	20
Chloroethane	50.0	46.2		ug/Kg		92	65 - 130	3	20
Chloroform	50.0	49.9		ug/Kg		100	77 - 127	0	20
Chloromethane	50.0	44.9		ug/Kg		90	55 - 140	1	20
2-Chlorotoluene	50.0	49.4		ug/Kg		99	70 - 138	1	20
4-Chlorotoluene	50.0	48.2		ug/Kg		96	70 - 136	1	20
Chlorodibromomethane	50.0	58.3		ug/Kg		117	70 - 146	2	20
1,2-Dichlorobenzene	50.0	53.3		ug/Kg		107	70 - 130	2	20
1,3-Dichlorobenzene	50.0	53.5		ug/Kg		107	70 - 131	1	20

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-158142/7

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit		
1,4-Dichlorobenzene	50.0	53.5		ug/Kg		107	70 - 130	1	20	
1,3-Dichloropropane	50.0	51.0		ug/Kg		102	70 - 140	2	20	
1,1-Dichloropropene	50.0	52.5		ug/Kg		105	70 - 130	1	20	
1,2-Dibromo-3-Chloropropane	50.0	55.5		ug/Kg		111	60 - 145	11	20	
Ethylene Dibromide	50.0	55.9		ug/Kg		112	70 - 140	3	20	
Dibromomethane	50.0	52.8		ug/Kg		106	70 - 139	2	20	
Dichlorodifluoromethane	50.0	44.7		ug/Kg		89	37 - 158	1	20	
1,1-Dichloroethane	50.0	48.9		ug/Kg		98	70 - 130	1	20	
1,2-Dichloroethane	50.0	47.5		ug/Kg		95	70 - 130	1	20	
1,1-Dichloroethene	50.0	51.8		ug/Kg		104	76 - 122	2	20	
cis-1,2-Dichloroethene	50.0	49.4		ug/Kg		99	70 - 138	1	20	
trans-1,2-Dichloroethene	50.0	51.4		ug/Kg		103	67 - 130	1	20	
1,2-Dichloropropane	50.0	48.8		ug/Kg		98	73 - 127	0	20	
cis-1,3-Dichloropropene	50.0	52.1		ug/Kg		104	68 - 147	2	20	
trans-1,3-Dichloropropene	50.0	56.4		ug/Kg		113	70 - 136	2	20	
Ethylbenzene	50.0	50.0		ug/Kg		100	80 - 137	0	20	
Hexachlorobutadiene	50.0	56.2		ug/Kg		112	70 - 132	3	20	
2-Hexanone	250	247		ug/Kg		99	44 - 133	11	20	
Isopropylbenzene	50.0	55.1		ug/Kg		110	88 - 128	0	20	
4-Isopropyltoluene	50.0	53.1		ug/Kg		106	70 - 133	1	20	
Methylene Chloride	50.0	45.3		ug/Kg		91	70 - 134	1	20	
4-Methyl-2-pentanone (MIBK)	250	251		ug/Kg		100	60 - 160	9	20	
Naphthalene	50.0	58.6		ug/Kg		117	60 - 147	7	20	
N-Propylbenzene	50.0	47.9		ug/Kg		96	70 - 130	1	20	
Styrene	50.0	53.6		ug/Kg		107	70 - 130	0	20	
1,1,1,2-Tetrachloroethane	50.0	58.9		ug/Kg		118	70 - 130	1	20	
1,1,1,2,2-Tetrachloroethane	50.0	50.5		ug/Kg		101	70 - 146	7	20	
Tetrachloroethene	50.0	58.7		ug/Kg		117	70 - 132	0	20	
Toluene	50.0	46.4		ug/Kg		93	80 - 128	0	20	
1,2,3-Trichlorobenzene	50.0	58.5		ug/Kg		117	60 - 140	2	20	
1,2,4-Trichlorobenzene	50.0	57.1		ug/Kg		114	60 - 140	0	20	
1,1,1-Trichloroethane	50.0	55.1		ug/Kg		110	70 - 130	2	20	
1,1,2-Trichloroethane	50.0	53.1		ug/Kg		106	70 - 130	2	20	
Trichloroethene	50.0	54.1		ug/Kg		108	70 - 133	1	20	
Trichlorofluoromethane	50.0	52.1		ug/Kg		104	60 - 140	3	20	
1,2,3-Trichloropropane	50.0	50.6		ug/Kg		101	70 - 146	9	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.8		ug/Kg		106	60 - 140	2	20	
1,2,4-Trimethylbenzene	50.0	51.3		ug/Kg		103	70 - 130	1	20	
1,3,5-Trimethylbenzene	50.0	51.4		ug/Kg		103	70 - 131	1	20	
Vinyl acetate	50.0	57.6		ug/Kg		115	38 - 176	5	20	
Vinyl chloride	50.0	42.8		ug/Kg		86	58 - 125	5	20	
2,2-Dichloropropane	50.0	54.5		ug/Kg		109	70 - 162	1	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	88		60 - 140
Toluene-d8 (Surr)	100		58 - 140

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS D 720-158142/9

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	1000	1050		ug/Kg		105	61 - 128	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		45 - 131
1,2-Dichloroethane-d4 (Surr)	93		60 - 140
Toluene-d8 (Surr)	102		58 - 140

Lab Sample ID: MB 720-158145/4

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			04/25/14 19:44	1
Acetone	ND		50		ug/Kg			04/25/14 19:44	1
Benzene	ND		5.0		ug/Kg			04/25/14 19:44	1
Dichlorobromomethane	ND		5.0		ug/Kg			04/25/14 19:44	1
Bromobenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
Chlorobromomethane	ND		20		ug/Kg			04/25/14 19:44	1
Bromoform	ND		5.0		ug/Kg			04/25/14 19:44	1
Bromomethane	ND		10		ug/Kg			04/25/14 19:44	1
2-Butanone (MEK)	ND		50		ug/Kg			04/25/14 19:44	1
n-Butylbenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
sec-Butylbenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
tert-Butylbenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
Carbon disulfide	ND		5.0		ug/Kg			04/25/14 19:44	1
Carbon tetrachloride	ND		5.0		ug/Kg			04/25/14 19:44	1
Chlorobenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
Chloroethane	ND		10		ug/Kg			04/25/14 19:44	1
Chloroform	ND		5.0		ug/Kg			04/25/14 19:44	1
Chloromethane	ND		10		ug/Kg			04/25/14 19:44	1
2-Chlorotoluene	ND		5.0		ug/Kg			04/25/14 19:44	1
4-Chlorotoluene	ND		5.0		ug/Kg			04/25/14 19:44	1
Chlorodibromomethane	ND		5.0		ug/Kg			04/25/14 19:44	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
1,3-Dichloropropane	ND		5.0		ug/Kg			04/25/14 19:44	1
1,1-Dichloropropene	ND		5.0		ug/Kg			04/25/14 19:44	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			04/25/14 19:44	1
Ethylene Dibromide	ND		5.0		ug/Kg			04/25/14 19:44	1
Dibromomethane	ND		10		ug/Kg			04/25/14 19:44	1
Dichlorodifluoromethane	ND		10		ug/Kg			04/25/14 19:44	1
1,1-Dichloroethane	ND		5.0		ug/Kg			04/25/14 19:44	1
1,2-Dichloroethane	ND		5.0		ug/Kg			04/25/14 19:44	1
1,1-Dichloroethene	ND		5.0		ug/Kg			04/25/14 19:44	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			04/25/14 19:44	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			04/25/14 19:44	1

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-158145/4

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dichloropropane	ND		5.0		ug/Kg			04/25/14 19:44	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			04/25/14 19:44	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			04/25/14 19:44	1
Ethylbenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
Hexachlorobutadiene	ND		5.0		ug/Kg			04/25/14 19:44	1
2-Hexanone	ND		50		ug/Kg			04/25/14 19:44	1
Isopropylbenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
4-Isopropyltoluene	ND		5.0		ug/Kg			04/25/14 19:44	1
Methylene Chloride	ND		10		ug/Kg			04/25/14 19:44	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			04/25/14 19:44	1
Naphthalene	ND		10		ug/Kg			04/25/14 19:44	1
N-Propylbenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
Styrene	ND		5.0		ug/Kg			04/25/14 19:44	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			04/25/14 19:44	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			04/25/14 19:44	1
Tetrachloroethene	ND		5.0		ug/Kg			04/25/14 19:44	1
Toluene	ND		5.0		ug/Kg			04/25/14 19:44	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			04/25/14 19:44	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			04/25/14 19:44	1
Trichloroethene	ND		5.0		ug/Kg			04/25/14 19:44	1
Trichlorofluoromethane	ND		5.0		ug/Kg			04/25/14 19:44	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			04/25/14 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			04/25/14 19:44	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			04/25/14 19:44	1
Vinyl acetate	ND		50		ug/Kg			04/25/14 19:44	1
Vinyl chloride	ND		5.0		ug/Kg			04/25/14 19:44	1
Xylenes, Total	ND		10		ug/Kg			04/25/14 19:44	1
2,2-Dichloropropane	ND		5.0		ug/Kg			04/25/14 19:44	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg			04/25/14 19:44	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	97		45 - 131		04/25/14 19:44	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 140		04/25/14 19:44	1
Toluene-d8 (Surr)	91		58 - 140		04/25/14 19:44	1

Lab Sample ID: LCS 720-158145/5

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	197		ug/Kg		79	30 - 162
Benzene	50.0	47.4		ug/Kg		95	70 - 130
Dichlorobromomethane	50.0	47.5		ug/Kg		95	70 - 131

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-158145/5

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	49.5		ug/Kg		99	70 - 130
Chlorobromomethane	50.0	47.4		ug/Kg		95	70 - 130
Bromoform	50.0	49.3		ug/Kg		99	59 - 158
Bromomethane	50.0	43.3		ug/Kg		87	59 - 132
2-Butanone (MEK)	250	243		ug/Kg		97	53 - 124
n-Butylbenzene	50.0	51.3		ug/Kg		103	70 - 142
sec-Butylbenzene	50.0	50.8		ug/Kg		102	70 - 136
tert-Butylbenzene	50.0	51.4		ug/Kg		103	70 - 130
Carbon disulfide	50.0	42.7		ug/Kg		85	60 - 140
Carbon tetrachloride	50.0	50.7		ug/Kg		101	70 - 138
Chlorobenzene	50.0	48.7		ug/Kg		97	70 - 130
Chloroethane	50.0	46.5		ug/Kg		93	65 - 130
Chloroform	50.0	47.9		ug/Kg		96	77 - 127
Chloromethane	50.0	44.8		ug/Kg		90	55 - 140
2-Chlorotoluene	50.0	52.1		ug/Kg		104	70 - 138
4-Chlorotoluene	50.0	50.3		ug/Kg		101	70 - 136
Chlorodibromomethane	50.0	49.3		ug/Kg		99	70 - 146
1,2-Dichlorobenzene	50.0	48.4		ug/Kg		97	70 - 130
1,3-Dichlorobenzene	50.0	49.9		ug/Kg		100	70 - 131
1,4-Dichlorobenzene	50.0	45.7		ug/Kg		91	70 - 130
1,3-Dichloropropane	50.0	47.1		ug/Kg		94	70 - 140
1,1-Dichloropropene	50.0	51.9		ug/Kg		104	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.0		ug/Kg		104	60 - 145
Ethylene Dibromide	50.0	48.1		ug/Kg		96	70 - 140
Dibromomethane	50.0	48.6		ug/Kg		97	70 - 139
Dichlorodifluoromethane	50.0	42.9		ug/Kg		86	37 - 158
1,1-Dichloroethane	50.0	48.4		ug/Kg		97	70 - 130
1,2-Dichloroethane	50.0	47.4		ug/Kg		95	70 - 130
1,1-Dichloroethene	50.0	50.1		ug/Kg		100	76 - 122
cis-1,2-Dichloroethene	50.0	49.0		ug/Kg		98	70 - 138
trans-1,2-Dichloroethene	50.0	51.1		ug/Kg		102	67 - 130
1,2-Dichloropropane	50.0	46.5		ug/Kg		93	73 - 127
cis-1,3-Dichloropropene	50.0	49.8		ug/Kg		100	68 - 147
trans-1,3-Dichloropropene	50.0	50.1		ug/Kg		100	70 - 136
Ethylbenzene	50.0	47.6		ug/Kg		95	80 - 137
Hexachlorobutadiene	50.0	50.5		ug/Kg		101	70 - 132
2-Hexanone	250	232		ug/Kg		93	44 - 133
Isopropylbenzene	50.0	51.3		ug/Kg		103	88 - 128
4-Isopropyltoluene	50.0	49.5		ug/Kg		99	70 - 133
Methylene Chloride	50.0	46.1		ug/Kg		92	70 - 134
4-Methyl-2-pentanone (MIBK)	250	232		ug/Kg		93	60 - 160
Naphthalene	50.0	52.0		ug/Kg		104	60 - 147
N-Propylbenzene	50.0	50.1		ug/Kg		100	70 - 130
Styrene	50.0	54.1		ug/Kg		108	70 - 130
1,1,1,2-Tetrachloroethane	50.0	53.2		ug/Kg		106	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.3		ug/Kg		103	70 - 146
Tetrachloroethene	50.0	50.8		ug/Kg		102	70 - 132
Toluene	50.0	48.5		ug/Kg		97	80 - 128

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-158145/5

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	50.0	48.8		ug/Kg		98	60 - 140
1,2,4-Trichlorobenzene	50.0	49.3		ug/Kg		99	60 - 140
1,1,1-Trichloroethane	50.0	50.9		ug/Kg		102	70 - 130
1,1,2-Trichloroethane	50.0	48.5		ug/Kg		97	70 - 130
Trichloroethene	50.0	49.1		ug/Kg		98	70 - 133
Trichlorofluoromethane	50.0	47.8		ug/Kg		96	60 - 140
1,2,3-Trichloropropane	50.0	50.0		ug/Kg		100	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.7		ug/Kg		93	60 - 140
1,2,4-Trimethylbenzene	50.0	50.8		ug/Kg		102	70 - 130
1,3,5-Trimethylbenzene	50.0	51.3		ug/Kg		103	70 - 131
Vinyl acetate	50.0	57.4		ug/Kg		115	38 - 176
Vinyl chloride	50.0	45.5		ug/Kg		91	58 - 125
2,2-Dichloropropane	50.0	51.2		ug/Kg		102	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	100		45 - 131
1,2-Dichloroethane-d4 (Surr)	90		60 - 140
Toluene-d8 (Surr)	96		58 - 140

Lab Sample ID: LCS 720-158145/7

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	939		ug/Kg		94	61 - 128

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	98		45 - 131
1,2-Dichloroethane-d4 (Surr)	98		60 - 140
Toluene-d8 (Surr)	94		58 - 140

Lab Sample ID: LCSD 720-158145/6

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Methyl tert-butyl ether	50.0	49.3		ug/Kg		99	70 - 144	4	20
Acetone	250	196		ug/Kg		79	30 - 162	0	30
Benzene	50.0	48.3		ug/Kg		97	70 - 130	2	20
Dichlorobromomethane	50.0	48.4		ug/Kg		97	70 - 131	2	20
Bromobenzene	50.0	50.2		ug/Kg		100	70 - 130	1	20
Chlorobromomethane	50.0	49.6		ug/Kg		99	70 - 130	5	20
Bromoform	50.0	49.4		ug/Kg		99	59 - 158	0	20
Bromomethane	50.0	44.8		ug/Kg		90	59 - 132	3	20
2-Butanone (MEK)	250	236		ug/Kg		94	53 - 124	3	20
n-Butylbenzene	50.0	51.5		ug/Kg		103	70 - 142	0	20

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-158145/6

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Added	Result	Qualifier				Limits		
sec-Butylbenzene	50.0	51.4		ug/Kg		103	70 - 136	1	20
tert-Butylbenzene	50.0	52.9		ug/Kg		106	70 - 130	3	20
Carbon disulfide	50.0	44.2		ug/Kg		88	60 - 140	3	20
Carbon tetrachloride	50.0	53.1		ug/Kg		106	70 - 138	4	20
Chlorobenzene	50.0	48.9		ug/Kg		98	70 - 130	1	20
Chloroethane	50.0	49.0		ug/Kg		98	65 - 130	5	20
Chloroform	50.0	49.0		ug/Kg		98	77 - 127	2	20
Chloromethane	50.0	48.9		ug/Kg		98	55 - 140	9	20
2-Chlorotoluene	50.0	52.9		ug/Kg		106	70 - 138	2	20
4-Chlorotoluene	50.0	50.5		ug/Kg		101	70 - 136	0	20
Chlorodibromomethane	50.0	50.5		ug/Kg		101	70 - 146	2	20
1,2-Dichlorobenzene	50.0	49.3		ug/Kg		99	70 - 130	2	20
1,3-Dichlorobenzene	50.0	50.1		ug/Kg		100	70 - 131	0	20
1,4-Dichlorobenzene	50.0	46.8		ug/Kg		94	70 - 130	2	20
1,3-Dichloropropane	50.0	48.3		ug/Kg		97	70 - 140	2	20
1,1-Dichloropropene	50.0	53.3		ug/Kg		107	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	50.0	52.7		ug/Kg		105	60 - 145	1	20
Ethylene Dibromide	50.0	48.3		ug/Kg		97	70 - 140	0	20
Dibromomethane	50.0	49.0		ug/Kg		98	70 - 139	1	20
Dichlorodifluoromethane	50.0	44.2		ug/Kg		88	37 - 158	3	20
1,1-Dichloroethane	50.0	50.2		ug/Kg		100	70 - 130	4	20
1,2-Dichloroethane	50.0	48.7		ug/Kg		97	70 - 130	3	20
1,1-Dichloroethene	50.0	50.7		ug/Kg		101	76 - 122	1	20
cis-1,2-Dichloroethene	50.0	50.9		ug/Kg		102	70 - 138	4	20
trans-1,2-Dichloroethene	50.0	51.8		ug/Kg		104	67 - 130	1	20
1,2-Dichloropropane	50.0	48.2		ug/Kg		96	73 - 127	3	20
cis-1,3-Dichloropropene	50.0	50.4		ug/Kg		101	68 - 147	1	20
trans-1,3-Dichloropropene	50.0	52.5		ug/Kg		105	70 - 136	5	20
Ethylbenzene	50.0	48.5		ug/Kg		97	80 - 137	2	20
Hexachlorobutadiene	50.0	51.7		ug/Kg		103	70 - 132	2	20
2-Hexanone	250	230		ug/Kg		92	44 - 133	1	20
Isopropylbenzene	50.0	52.1		ug/Kg		104	88 - 128	2	20
4-Isopropyltoluene	50.0	50.6		ug/Kg		101	70 - 133	2	20
Methylene Chloride	50.0	46.7		ug/Kg		93	70 - 134	1	20
4-Methyl-2-pentanone (MIBK)	250	234		ug/Kg		94	60 - 160	1	20
Naphthalene	50.0	53.4		ug/Kg		107	60 - 147	3	20
N-Propylbenzene	50.0	50.9		ug/Kg		102	70 - 130	2	20
Styrene	50.0	55.1		ug/Kg		110	70 - 130	2	20
1,1,1,2-Tetrachloroethane	50.0	53.1		ug/Kg		106	70 - 130	0	20
1,1,1,2,2-Tetrachloroethane	50.0	51.6		ug/Kg		103	70 - 146	1	20
Tetrachloroethene	50.0	50.9		ug/Kg		102	70 - 132	0	20
Toluene	50.0	49.4		ug/Kg		99	80 - 128	2	20
1,2,3-Trichlorobenzene	50.0	49.4		ug/Kg		99	60 - 140	1	20
1,2,4-Trichlorobenzene	50.0	50.0		ug/Kg		100	60 - 140	1	20
1,1,1-Trichloroethane	50.0	52.6		ug/Kg		105	70 - 130	3	20
1,1,2-Trichloroethane	50.0	48.9		ug/Kg		98	70 - 130	1	20
Trichloroethene	50.0	50.8		ug/Kg		102	70 - 133	3	20
Trichlorofluoromethane	50.0	49.0		ug/Kg		98	60 - 140	3	20

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-158145/6

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	50.0	50.0		ug/Kg		100	70 - 146	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.9		ug/Kg		98	60 - 140	5	20
1,2,4-Trimethylbenzene	50.0	51.8		ug/Kg		104	70 - 130	2	20
1,3,5-Trimethylbenzene	50.0	52.0		ug/Kg		104	70 - 131	1	20
Vinyl acetate	50.0	58.6		ug/Kg		117	38 - 176	2	20
Vinyl chloride	50.0	47.1		ug/Kg		94	58 - 125	4	20
2,2-Dichloropropane	50.0	53.2		ug/Kg		106	70 - 162	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	98		45 - 131
1,2-Dichloroethane-d4 (Surr)	94		60 - 140
Toluene-d8 (Surr)	95		58 - 140

Lab Sample ID: LCSD 720-158145/8

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	1000	945		ug/Kg		95	61 - 128	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	102		45 - 131
1,2-Dichloroethane-d4 (Surr)	97		60 - 140
Toluene-d8 (Surr)	96		58 - 140

Lab Sample ID: 720-57003-18 MS

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Prep Type: Total/NA

Prep Batch: 158176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	ND		49.5	47.2		ug/Kg		95	69 - 130
Acetone	ND		248	217		ug/Kg		88	37 - 150
Benzene	ND		49.5	47.1		ug/Kg		95	70 - 130
Dichlorobromomethane	ND		49.5	47.4		ug/Kg		96	64 - 135
Bromobenzene	ND		49.5	52.9		ug/Kg		107	70 - 130
Chlorobromomethane	ND		49.5	48.6		ug/Kg		97	65 - 130
Bromoform	ND		49.5	47.2		ug/Kg		95	58 - 132
Bromomethane	ND		49.5	42.8		ug/Kg		87	56 - 130
2-Butanone (MEK)	ND		248	228		ug/Kg		92	41 - 150
n-Butylbenzene	ND		49.5	52.5		ug/Kg		106	60 - 145
sec-Butylbenzene	ND		49.5	55.6		ug/Kg		112	64 - 137
tert-Butylbenzene	ND		49.5	58.4		ug/Kg		118	63 - 134
Carbon disulfide	ND		49.5	42.5		ug/Kg		86	10 - 150
Carbon tetrachloride	ND		49.5	52.1		ug/Kg		105	54 - 130
Chlorobenzene	ND		49.5	47.8		ug/Kg		97	70 - 130
Chloroethane	ND		49.5	46.0		ug/Kg		93	61 - 130

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-57003-18 MS

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Prep Type: Total/NA

Prep Batch: 158176

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chloroform	ND		49.5	48.8		ug/Kg		99	67 - 130
Chloromethane	ND		49.5	46.6		ug/Kg		94	50 - 131
2-Chlorotoluene	ND		49.5	57.0		ug/Kg		115	70 - 130
4-Chlorotoluene	ND		49.5	53.1		ug/Kg		107	70 - 130
Chlorodibromomethane	ND		49.5	48.1		ug/Kg		97	60 - 141
1,2-Dichlorobenzene	ND		49.5	46.9		ug/Kg		95	70 - 130
1,3-Dichlorobenzene	ND		49.5	48.8		ug/Kg		99	70 - 130
1,4-Dichlorobenzene	ND		49.5	46.4		ug/Kg		94	70 - 130
1,3-Dichloropropane	ND		49.5	46.4		ug/Kg		94	70 - 130
1,1-Dichloropropene	ND		49.5	51.6		ug/Kg		104	67 - 130
1,2-Dibromo-3-Chloropropane	ND		49.5	52.9		ug/Kg		107	57 - 130
Ethylene Dibromide	ND		49.5	46.4		ug/Kg		94	66 - 135
Dibromomethane	ND		49.5	46.6		ug/Kg		94	65 - 131
Dichlorodifluoromethane	ND		49.5	43.7		ug/Kg		88	38 - 130
1,1-Dichloroethane	ND		49.5	48.7		ug/Kg		98	67 - 130
1,2-Dichloroethane	ND		49.5	48.2		ug/Kg		97	70 - 130
1,1-Dichloroethene	ND		49.5	49.2		ug/Kg		99	64 - 130
cis-1,2-Dichloroethene	ND		49.5	48.7		ug/Kg		98	68 - 131
trans-1,2-Dichloroethene	ND		49.5	50.2		ug/Kg		101	70 - 130
1,2-Dichloropropane	ND		49.5	46.6		ug/Kg		94	65 - 133
cis-1,3-Dichloropropene	ND		49.5	47.9		ug/Kg		97	46 - 139
trans-1,3-Dichloropropene	ND		49.5	48.8		ug/Kg		99	55 - 131
Ethylbenzene	ND		49.5	48.4		ug/Kg		98	65 - 130
Hexachlorobutadiene	ND		49.5	43.0		ug/Kg		87	58 - 132
2-Hexanone	ND		248	226		ug/Kg		91	44 - 150
Isopropylbenzene	ND		49.5	51.2		ug/Kg		103	65 - 130
4-Isopropyltoluene	ND		49.5	54.2		ug/Kg		109	69 - 134
Methylene Chloride	ND		49.5	46.1		ug/Kg		93	63 - 130
4-Methyl-2-pentanone (MIBK)	ND		248	236		ug/Kg		95	51 - 140
Naphthalene	ND		49.5	37.3		ug/Kg		75	45 - 146
N-Propylbenzene	ND		49.5	56.0		ug/Kg		113	70 - 130
Styrene	ND		49.5	52.0		ug/Kg		105	58 - 135
1,1,1,2-Tetrachloroethane	ND		49.5	53.2		ug/Kg		107	64 - 133
1,1,1,2,2-Tetrachloroethane	ND		49.5	58.1		ug/Kg		117	70 - 131
Tetrachloroethene	ND		49.5	48.9		ug/Kg		99	67 - 130
Toluene	ND		49.5	49.5		ug/Kg		100	70 - 130
1,2,3-Trichlorobenzene	ND		49.5	32.7		ug/Kg		66	58 - 138
1,2,4-Trichlorobenzene	ND		49.5	35.6		ug/Kg		72	49 - 144
1,1,1-Trichloroethane	ND		49.5	51.8		ug/Kg		105	57 - 133
1,1,2-Trichloroethane	ND		49.5	46.7		ug/Kg		94	68 - 132
Trichloroethene	ND		49.5	48.8		ug/Kg		99	66 - 130
Trichlorofluoromethane	ND		49.5	49.4		ug/Kg		100	61 - 130
1,2,3-Trichloropropane	ND		49.5	59.1		ug/Kg		119	62 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.5	47.7		ug/Kg		96	52 - 130
1,2,4-Trimethylbenzene	ND		49.5	55.7		ug/Kg		112	64 - 140
1,3,5-Trimethylbenzene	ND		49.5	57.0		ug/Kg		115	67 - 134
Vinyl acetate	ND		49.5	ND	F1	ug/Kg		48	52 - 150

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-57003-18 MS

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Prep Type: Total/NA

Prep Batch: 158176

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Vinyl chloride	ND		49.5	46.4		ug/Kg		94	62 - 130
2,2-Dichloropropane	ND		49.5	52.3		ug/Kg		106	63 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene	94		45 - 131						
1,2-Dichloroethane-d4 (Surr)	95		60 - 140						
Toluene-d8 (Surr)	95		58 - 140						

Lab Sample ID: 720-57003-18 MSD

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Prep Type: Total/NA

Prep Batch: 158176

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
Methyl tert-butyl ether	ND		49.3	47.9		ug/Kg		97	69 - 130	1	20
Acetone	ND		247	228		ug/Kg		93	37 - 150	5	20
Benzene	ND		49.3	47.7		ug/Kg		97	70 - 130	1	20
Dichlorobromomethane	ND		49.3	47.5		ug/Kg		96	64 - 135	0	20
Bromobenzene	ND		49.3	53.1		ug/Kg		108	70 - 130	0	20
Chlorobromomethane	ND		49.3	47.2		ug/Kg		95	65 - 130	3	20
Bromoform	ND		49.3	45.9		ug/Kg		93	58 - 132	3	20
Bromomethane	ND		49.3	44.7		ug/Kg		91	56 - 130	4	20
2-Butanone (MEK)	ND		247	215		ug/Kg		87	41 - 150	6	20
n-Butylbenzene	ND		49.3	52.2		ug/Kg		106	60 - 145	1	20
sec-Butylbenzene	ND		49.3	55.8		ug/Kg		113	64 - 137	0	20
tert-Butylbenzene	ND		49.3	59.5		ug/Kg		121	63 - 134	2	20
Carbon disulfide	ND		49.3	42.6		ug/Kg		86	10 - 150	0	20
Carbon tetrachloride	ND		49.3	52.3		ug/Kg		106	54 - 130	1	20
Chlorobenzene	ND		49.3	48.0		ug/Kg		97	70 - 130	0	20
Chloroethane	ND		49.3	47.0		ug/Kg		95	61 - 130	2	20
Chloroform	ND		49.3	49.2		ug/Kg		100	67 - 130	1	20
Chloromethane	ND		49.3	48.3		ug/Kg		98	50 - 131	4	20
2-Chlorotoluene	ND		49.3	57.7		ug/Kg		117	70 - 130	1	20
4-Chlorotoluene	ND		49.3	53.8		ug/Kg		109	70 - 130	1	20
Chlorodibromomethane	ND		49.3	47.5		ug/Kg		96	60 - 141	1	20
1,2-Dichlorobenzene	ND		49.3	45.9		ug/Kg		93	70 - 130	2	20
1,3-Dichlorobenzene	ND		49.3	49.2		ug/Kg		100	70 - 130	1	20
1,4-Dichlorobenzene	ND		49.3	45.9		ug/Kg		93	70 - 130	1	20
1,3-Dichloropropane	ND		49.3	45.9		ug/Kg		93	70 - 130	1	20
1,1-Dichloropropene	ND		49.3	52.4		ug/Kg		106	67 - 130	1	20
1,2-Dibromo-3-Chloropropane	ND		49.3	51.5		ug/Kg		104	57 - 130	3	20
Ethylene Dibromide	ND		49.3	45.5		ug/Kg		92	66 - 135	2	20
Dibromomethane	ND		49.3	46.6		ug/Kg		95	65 - 131	0	20
Dichlorodifluoromethane	ND		49.3	45.1		ug/Kg		91	38 - 130	3	20
1,1-Dichloroethane	ND		49.3	50.0		ug/Kg		101	67 - 130	3	20
1,2-Dichloroethane	ND		49.3	47.5		ug/Kg		96	70 - 130	2	20
1,1-Dichloroethene	ND		49.3	50.5		ug/Kg		102	64 - 130	3	20
cis-1,2-Dichloroethene	ND		49.3	49.4		ug/Kg		100	68 - 131	1	20
trans-1,2-Dichloroethene	ND		49.3	51.1		ug/Kg		104	70 - 130	2	20

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-57003-18 MSD

Matrix: Solid

Analysis Batch: 158145

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Prep Type: Total/NA

Prep Batch: 158176

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
1,2-Dichloropropane	ND		49.3	47.3		ug/Kg		96	65 - 133	1	20
cis-1,3-Dichloropropene	ND		49.3	47.9		ug/Kg		97	46 - 139	0	20
trans-1,3-Dichloropropene	ND		49.3	48.6		ug/Kg		99	55 - 131	0	20
Ethylbenzene	ND		49.3	48.6		ug/Kg		99	65 - 130	0	20
Hexachlorobutadiene	ND		49.3	42.5		ug/Kg		86	58 - 132	1	20
2-Hexanone	ND		247	215		ug/Kg		87	44 - 150	5	20
Isopropylbenzene	ND		49.3	52.0		ug/Kg		105	65 - 130	1	20
4-Isopropyltoluene	ND		49.3	55.0		ug/Kg		111	69 - 134	1	20
Methylene Chloride	ND		49.3	46.1		ug/Kg		94	63 - 130	0	20
4-Methyl-2-pentanone (MIBK)	ND		247	223		ug/Kg		91	51 - 140	5	20
Naphthalene	ND		49.3	35.8		ug/Kg		73	45 - 146	4	20
N-Propylbenzene	ND		49.3	56.9		ug/Kg		115	70 - 130	1	20
Styrene	ND		49.3	51.8		ug/Kg		105	58 - 135	0	20
1,1,1,2-Tetrachloroethane	ND		49.3	53.2		ug/Kg		108	64 - 133	0	20
1,1,2,2-Tetrachloroethane	ND		49.3	56.6		ug/Kg		115	70 - 131	3	20
Tetrachloroethene	ND		49.3	48.6		ug/Kg		99	67 - 130	0	20
Toluene	ND		49.3	49.7		ug/Kg		101	70 - 130	0	20
1,2,3-Trichlorobenzene	ND		49.3	31.0		ug/Kg		63	58 - 138	6	20
1,2,4-Trichlorobenzene	ND		49.3	34.0		ug/Kg		69	49 - 144	5	20
1,1,1-Trichloroethane	ND		49.3	51.9		ug/Kg		105	57 - 133	0	20
1,1,2-Trichloroethane	ND		49.3	45.7		ug/Kg		93	68 - 132	2	20
Trichloroethene	ND		49.3	48.8		ug/Kg		99	66 - 130	0	20
Trichlorofluoromethane	ND		49.3	49.7		ug/Kg		101	61 - 130	1	20
1,2,3-Trichloropropane	ND		49.3	56.4		ug/Kg		114	62 - 150	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.3	48.2		ug/Kg		98	52 - 130	1	20
1,2,4-Trimethylbenzene	ND		49.3	56.5		ug/Kg		115	64 - 140	1	20
1,3,5-Trimethylbenzene	ND		49.3	57.9		ug/Kg		117	67 - 134	1	20
Vinyl acetate	ND		49.3	ND	F1	ug/Kg		41	52 - 150	16	20
Vinyl chloride	ND		49.3	47.6		ug/Kg		97	62 - 130	3	20
2,2-Dichloropropane	ND		49.3	53.0		ug/Kg		107	63 - 130	1	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	91		45 - 131
1,2-Dichloroethane-d4 (Surr)	95		60 - 140
Toluene-d8 (Surr)	96		58 - 140

Lab Sample ID: 720-57003-1 MS

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158177

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Methyl tert-butyl ether	ND		49.6	53.3		ug/Kg		107	69 - 130		
Acetone	ND		248	242		ug/Kg		98	37 - 150		
Benzene	ND		49.6	48.9		ug/Kg		99	70 - 130		
Dichlorobromomethane	ND		49.6	51.8		ug/Kg		104	64 - 135		
Bromobenzene	ND		49.6	53.0		ug/Kg		107	70 - 130		
Chlorobromomethane	ND		49.6	57.0		ug/Kg		114	65 - 130		

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-57003-1 MS

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158177

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Bromoform	ND		49.6	55.8		ug/Kg		112	58 - 132
Bromomethane	ND		49.6	47.6		ug/Kg		96	56 - 130
2-Butanone (MEK)	ND		248	223		ug/Kg		90	41 - 150
n-Butylbenzene	ND		49.6	50.1		ug/Kg		101	60 - 145
sec-Butylbenzene	ND		49.6	52.4		ug/Kg		106	64 - 137
tert-Butylbenzene	ND		49.6	55.4		ug/Kg		112	63 - 134
Carbon disulfide	ND		49.6	41.6		ug/Kg		84	10 - 150
Carbon tetrachloride	ND		49.6	58.6		ug/Kg		118	54 - 130
Chlorobenzene	ND		49.6	51.6		ug/Kg		104	70 - 130
Chloroethane	ND		49.6	46.2		ug/Kg		93	61 - 130
Chloroform	ND		49.6	50.6		ug/Kg		102	67 - 130
Chloromethane	ND		49.6	45.2		ug/Kg		91	50 - 131
2-Chlorotoluene	ND		49.6	51.3		ug/Kg		103	70 - 130
4-Chlorotoluene	ND		49.6	49.3		ug/Kg		99	70 - 130
Chlorodibromomethane	ND		49.6	57.4		ug/Kg		116	60 - 141
1,2-Dichlorobenzene	ND		49.6	50.0		ug/Kg		101	70 - 130
1,3-Dichlorobenzene	ND		49.6	51.7		ug/Kg		104	70 - 130
1,4-Dichlorobenzene	ND		49.6	51.5		ug/Kg		104	70 - 130
1,3-Dichloropropane	ND		49.6	49.6		ug/Kg		100	70 - 130
1,1-Dichloropropene	ND		49.6	51.1		ug/Kg		103	67 - 130
1,2-Dibromo-3-Chloropropane	ND		49.6	49.8		ug/Kg		100	57 - 130
Ethylene Dibromide	ND		49.6	52.8		ug/Kg		106	66 - 135
Dibromomethane	ND		49.6	51.5		ug/Kg		104	65 - 131
Dichlorodifluoromethane	ND		49.6	44.0		ug/Kg		89	38 - 130
1,1-Dichloroethane	ND		49.6	49.0		ug/Kg		99	67 - 130
1,2-Dichloroethane	ND		49.6	47.7		ug/Kg		96	70 - 130
1,1-Dichloroethene	ND		49.6	50.9		ug/Kg		103	64 - 130
cis-1,2-Dichloroethene	ND		49.6	49.1		ug/Kg		99	68 - 131
trans-1,2-Dichloroethene	ND		49.6	50.9		ug/Kg		103	70 - 130
1,2-Dichloropropane	ND		49.6	49.7		ug/Kg		100	65 - 133
cis-1,3-Dichloropropene	ND		49.6	51.7		ug/Kg		104	46 - 139
trans-1,3-Dichloropropene	ND		49.6	55.2		ug/Kg		111	55 - 131
Ethylbenzene	ND		49.6	49.7		ug/Kg		100	65 - 130
Hexachlorobutadiene	ND		49.6	46.2		ug/Kg		93	58 - 132
2-Hexanone	ND		248	223		ug/Kg		90	44 - 150
Isopropylbenzene	ND		49.6	53.7		ug/Kg		108	65 - 130
4-Isopropyltoluene	ND		49.6	54.6		ug/Kg		110	69 - 134
Methylene Chloride	ND		49.6	46.1		ug/Kg		93	63 - 130
4-Methyl-2-pentanone (MIBK)	ND		248	231		ug/Kg		93	51 - 140
Naphthalene	ND		49.6	39.3		ug/Kg		79	45 - 146
N-Propylbenzene	ND		49.6	50.4		ug/Kg		102	70 - 130
Styrene	ND		49.6	51.4		ug/Kg		104	58 - 135
1,1,1,2-Tetrachloroethane	ND		49.6	59.8		ug/Kg		120	64 - 133
1,1,1,2-Tetrachloroethane	ND		49.6	50.4		ug/Kg		102	70 - 131
Tetrachloroethene	ND		49.6	57.3		ug/Kg		116	67 - 130
Toluene	ND		49.6	46.6		ug/Kg		94	70 - 130
1,2,3-Trichlorobenzene	ND		49.6	40.3		ug/Kg		81	58 - 138
1,2,4-Trichlorobenzene	ND		49.6	43.9		ug/Kg		89	49 - 144

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-57003-1 MS

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158177

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,1-Trichloroethane	ND		49.6	54.3		ug/Kg		109	57 - 133
1,1,2-Trichloroethane	ND		49.6	51.7		ug/Kg		104	68 - 132
Trichloroethene	ND		49.6	53.4		ug/Kg		108	66 - 130
Trichlorofluoromethane	ND		49.6	51.3		ug/Kg		103	61 - 130
1,2,3-Trichloropropane	ND		49.6	50.6		ug/Kg		102	62 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.6	51.6		ug/Kg		104	52 - 130
1,2,4-Trimethylbenzene	ND		49.6	53.5		ug/Kg		108	64 - 140
1,3,5-Trimethylbenzene	ND		49.6	54.2		ug/Kg		109	67 - 134
Vinyl acetate	ND		49.6	ND		ug/Kg		68	52 - 150
Vinyl chloride	ND		49.6	42.3		ug/Kg		85	62 - 130
2,2-Dichloropropane	ND		49.6	54.2		ug/Kg		109	63 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	97		45 - 131
1,2-Dichloroethane-d4 (Surr)	89		60 - 140
Toluene-d8 (Surr)	101		58 - 140

Lab Sample ID: 720-57003-1 MSD

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158177

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		49.6	54.9		ug/Kg		111	69 - 130	3	20
Acetone	ND		248	252		ug/Kg		101	37 - 150	4	20
Benzene	ND		49.6	48.8		ug/Kg		98	70 - 130	0	20
Dichlorobromomethane	ND		49.6	52.9		ug/Kg		107	64 - 135	2	20
Bromobenzene	ND		49.6	51.2		ug/Kg		103	70 - 130	3	20
Chlorobromomethane	ND		49.6	58.4		ug/Kg		117	65 - 130	2	20
Bromoform	ND		49.6	59.1		ug/Kg		119	58 - 132	6	20
Bromomethane	ND		49.6	45.3		ug/Kg		91	56 - 130	5	20
2-Butanone (MEK)	ND		248	235		ug/Kg		95	41 - 150	5	20
n-Butylbenzene	ND		49.6	47.3		ug/Kg		95	60 - 145	6	20
sec-Butylbenzene	ND		49.6	47.9		ug/Kg		97	64 - 137	9	20
tert-Butylbenzene	ND		49.6	49.9		ug/Kg		101	63 - 134	11	20
Carbon disulfide	ND		49.6	40.2		ug/Kg		81	10 - 150	3	20
Carbon tetrachloride	ND		49.6	57.8		ug/Kg		117	54 - 130	1	20
Chlorobenzene	ND		49.6	51.6		ug/Kg		104	70 - 130	0	20
Chloroethane	ND		49.6	43.9		ug/Kg		88	61 - 130	5	20
Chloroform	ND		49.6	50.5		ug/Kg		102	67 - 130	0	20
Chloromethane	ND		49.6	42.5		ug/Kg		86	50 - 131	6	20
2-Chlorotoluene	ND		49.6	47.7		ug/Kg		96	70 - 130	7	20
4-Chlorotoluene	ND		49.6	46.9		ug/Kg		94	70 - 130	5	20
Chlorodibromomethane	ND		49.6	60.1		ug/Kg		121	60 - 141	5	20
1,2-Dichlorobenzene	ND		49.6	51.4		ug/Kg		104	70 - 130	3	20
1,3-Dichlorobenzene	ND		49.6	51.5		ug/Kg		104	70 - 130	0	20
1,4-Dichlorobenzene	ND		49.6	51.6		ug/Kg		104	70 - 130	0	20
1,3-Dichloropropane	ND		49.6	52.0		ug/Kg		105	70 - 130	5	20

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-57003-1 MSD

Matrix: Solid

Analysis Batch: 158142

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158177

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
1,1-Dichloropropene	ND		49.6	50.7		ug/Kg		102	67 - 130	1	20
1,2-Dibromo-3-Chloropropane	ND		49.6	51.0		ug/Kg		103	57 - 130	2	20
Ethylene Dibromide	ND		49.6	56.1		ug/Kg		113	66 - 135	6	20
Dibromomethane	ND		49.6	54.0		ug/Kg		109	65 - 131	5	20
Dichlorodifluoromethane	ND		49.6	41.4		ug/Kg		83	38 - 130	6	20
1,1-Dichloroethane	ND		49.6	48.8		ug/Kg		98	67 - 130	0	20
1,2-Dichloroethane	ND		49.6	49.2		ug/Kg		99	70 - 130	3	20
1,1-Dichloroethene	ND		49.6	49.8		ug/Kg		100	64 - 130	2	20
cis-1,2-Dichloroethene	ND		49.6	49.3		ug/Kg		99	68 - 131	0	20
trans-1,2-Dichloroethene	ND		49.6	50.6		ug/Kg		102	70 - 130	1	20
1,2-Dichloropropane	ND		49.6	49.7		ug/Kg		100	65 - 133	0	20
cis-1,3-Dichloropropene	ND		49.6	53.4		ug/Kg		108	46 - 139	3	20
trans-1,3-Dichloropropene	ND		49.6	58.0		ug/Kg		117	55 - 131	5	20
Ethylbenzene	ND		49.6	48.2		ug/Kg		97	65 - 130	3	20
Hexachlorobutadiene	ND		49.6	48.8		ug/Kg		98	58 - 132	6	20
2-Hexanone	ND		248	238		ug/Kg		96	44 - 150	6	20
Isopropylbenzene	ND		49.6	52.4		ug/Kg		106	65 - 130	3	20
4-Isopropyltoluene	ND		49.6	50.0		ug/Kg		101	69 - 134	9	20
Methylene Chloride	ND		49.6	45.9		ug/Kg		93	63 - 130	0	20
4-Methyl-2-pentanone (MIBK)	ND		248	242		ug/Kg		97	51 - 140	5	20
Naphthalene	ND		49.6	51.3	F2	ug/Kg		103	45 - 146	26	20
N-Propylbenzene	ND		49.6	45.7		ug/Kg		92	70 - 130	10	20
Styrene	ND		49.6	52.5		ug/Kg		106	58 - 135	2	20
1,1,1,2-Tetrachloroethane	ND		49.6	59.3		ug/Kg		120	64 - 133	1	20
1,1,1,2,2-Tetrachloroethane	ND		49.6	47.9		ug/Kg		97	70 - 131	5	20
Tetrachloroethene	ND		49.6	57.5		ug/Kg		116	67 - 130	0	20
Toluene	ND		49.6	45.2		ug/Kg		91	70 - 130	3	20
1,2,3-Trichlorobenzene	ND		49.6	53.1	F2	ug/Kg		107	58 - 138	27	20
1,2,4-Trichlorobenzene	ND		49.6	54.3	F2	ug/Kg		109	49 - 144	21	20
1,1,1-Trichloroethane	ND		49.6	53.5		ug/Kg		108	57 - 133	2	20
1,1,1,2-Trichloroethane	ND		49.6	54.1		ug/Kg		109	68 - 132	4	20
Trichloroethene	ND		49.6	53.3		ug/Kg		108	66 - 130	0	20
Trichlorofluoromethane	ND		49.6	49.4		ug/Kg		100	61 - 130	4	20
1,2,3-Trichloropropane	ND		49.6	48.8		ug/Kg		98	62 - 150	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.6	50.3		ug/Kg		101	52 - 130	3	20
1,2,4-Trimethylbenzene	ND		49.6	49.7		ug/Kg		100	64 - 140	7	20
1,3,5-Trimethylbenzene	ND		49.6	49.6		ug/Kg		100	67 - 134	9	20
Vinyl acetate	ND		49.6	ND	F2	ug/Kg		92	52 - 150	30	20
Vinyl chloride	ND		49.6	39.0		ug/Kg		79	62 - 130	8	20
2,2-Dichloropropane	ND		49.6	52.0		ug/Kg		105	63 - 130	4	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	101		45 - 131
1,2-Dichloroethane-d4 (Surr)	93		60 - 140
Toluene-d8 (Surr)	102		58 - 140

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 720-158369/1-A

Matrix: Solid

Analysis Batch: 158412

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158369

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Acenaphthylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Chrysene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Fluoranthene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Fluorene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Naphthalene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Phenanthrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1
Pyrene	ND		5.0		ug/Kg		04/29/14 18:03	04/30/14 11:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	82		33 - 120	04/29/14 18:03	04/30/14 11:29	1
Terphenyl-d14	94		35 - 146	04/29/14 18:03	04/30/14 11:29	1

Lab Sample ID: LCS 720-158369/2-A

Matrix: Solid

Analysis Batch: 158412

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 158369

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	329	247		ug/Kg		75	49 - 120
Acenaphthylene	329	252		ug/Kg		76	52 - 120
Anthracene	329	263		ug/Kg		80	52 - 120
Benzo[a]anthracene	329	266		ug/Kg		81	52 - 120
Benzo[a]pyrene	329	274		ug/Kg		83	54 - 120
Benzo[b]fluoranthene	329	281		ug/Kg		85	51 - 120
Benzo[g,h,i]perylene	329	252		ug/Kg		76	48 - 120
Benzo[k]fluoranthene	329	249		ug/Kg		76	56 - 120
Chrysene	329	255		ug/Kg		77	40 - 120
Dibenz(a,h)anthracene	329	277		ug/Kg		84	50 - 120
Fluoranthene	329	261		ug/Kg		79	57 - 120
Fluorene	329	242		ug/Kg		74	52 - 120
Indeno[1,2,3-cd]pyrene	329	261		ug/Kg		79	48 - 120
Naphthalene	329	231		ug/Kg		70	46 - 120
Phenanthrene	329	242		ug/Kg		73	48 - 120
Pyrene	329	294		ug/Kg		89	53 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	75		33 - 120
Terphenyl-d14	96		35 - 146

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 720-158369/3-A

Matrix: Solid

Analysis Batch: 158412

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 158369

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Acenaphthene	332	296		ug/Kg		89	49 - 120	18	20	
Acenaphthylene	332	301		ug/Kg		91	52 - 120	18	20	
Anthracene	332	298		ug/Kg		90	52 - 120	12	20	
Benzo[a]anthracene	332	314		ug/Kg		95	52 - 120	16	20	
Benzo[a]pyrene	332	316		ug/Kg		95	54 - 120	14	20	
Benzo[b]fluoranthene	332	285		ug/Kg		86	51 - 120	1	20	
Benzo[g,h,i]perylene	332	306		ug/Kg		92	48 - 120	20	20	
Benzo[k]fluoranthene	332	274		ug/Kg		83	56 - 120	9	20	
Chrysene	332	303		ug/Kg		91	40 - 120	17	20	
Dibenz(a,h)anthracene	332	295		ug/Kg		89	50 - 120	6	20	
Fluoranthene	332	298		ug/Kg		90	57 - 120	13	20	
Fluorene	332	290		ug/Kg		88	52 - 120	18	20	
Indeno[1,2,3-cd]pyrene	332	274		ug/Kg		83	48 - 120	5	20	
Naphthalene	332	260		ug/Kg		78	46 - 120	12	20	
Phenanthrene	332	272		ug/Kg		82	48 - 120	12	20	
Pyrene	332	330		ug/Kg		99	53 - 120	12	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	82		33 - 120
Terphenyl-d14	105		35 - 146

Lab Sample ID: MB 720-158450/1-A

Matrix: Solid

Analysis Batch: 158492

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158450

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Acenaphthylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Chrysene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Fluoranthene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Fluorene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Naphthalene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Phenanthrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1
Pyrene	ND		5.0		ug/Kg		04/30/14 17:43	05/01/14 19:24	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	65		33 - 120	04/30/14 17:43	05/01/14 19:24	1
Terphenyl-d14	90		35 - 146	04/30/14 17:43	05/01/14 19:24	1

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCS 720-158450/2-A

Matrix: Solid

Analysis Batch: 158492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 158450

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	329	199		ug/Kg		61	49 - 120
Acenaphthylene	329	208		ug/Kg		63	52 - 120
Anthracene	329	238		ug/Kg		72	52 - 120
Benzo[a]anthracene	329	250		ug/Kg		76	52 - 120
Benzo[a]pyrene	329	261		ug/Kg		79	54 - 120
Benzo[b]fluoranthene	329	285		ug/Kg		86	51 - 120
Benzo[g,h,i]perylene	329	225		ug/Kg		68	48 - 120
Benzo[k]fluoranthene	329	256		ug/Kg		78	56 - 120
Chrysene	329	242		ug/Kg		73	40 - 120
Dibenz(a,h)anthracene	329	258		ug/Kg		78	50 - 120
Fluoranthene	329	253		ug/Kg		77	57 - 120
Fluorene	329	214		ug/Kg		65	52 - 120
Indeno[1,2,3-cd]pyrene	329	241		ug/Kg		73	48 - 120
Naphthalene	329	198		ug/Kg		60	46 - 120
Phenanthrene	329	223		ug/Kg		68	48 - 120
Pyrene	329	274		ug/Kg		83	53 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	63		33 - 120
Terphenyl-d14	92		35 - 146

Lab Sample ID: LCSD 720-158450/3-A

Matrix: Solid

Analysis Batch: 158492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 158450

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	331	204		ug/Kg		62	49 - 120	2	20
Acenaphthylene	331	209		ug/Kg		63	52 - 120	1	20
Anthracene	331	240		ug/Kg		72	52 - 120	1	20
Benzo[a]anthracene	331	238		ug/Kg		72	52 - 120	5	20
Benzo[a]pyrene	331	246		ug/Kg		74	54 - 120	6	20
Benzo[b]fluoranthene	331	260		ug/Kg		79	51 - 120	9	20
Benzo[g,h,i]perylene	331	223		ug/Kg		67	48 - 120	1	20
Benzo[k]fluoranthene	331	238		ug/Kg		72	56 - 120	7	20
Chrysene	331	236		ug/Kg		71	40 - 120	2	20
Dibenz(a,h)anthracene	331	253		ug/Kg		77	50 - 120	2	20
Fluoranthene	331	239		ug/Kg		72	57 - 120	5	20
Fluorene	331	216		ug/Kg		65	52 - 120	1	20
Indeno[1,2,3-cd]pyrene	331	239		ug/Kg		72	48 - 120	1	20
Naphthalene	331	195		ug/Kg		59	46 - 120	2	20
Phenanthrene	331	214		ug/Kg		65	48 - 120	4	20
Pyrene	331	254		ug/Kg		77	53 - 120	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	64		33 - 120
Terphenyl-d14	83		35 - 146

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8270C SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: 720-57003-10 MS

Matrix: Solid

Analysis Batch: 158492

Client Sample ID: PS-2-3' EVELYN/MARSHALL

Prep Type: Total/NA

Prep Batch: 158450

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
Acenaphthene	ND		333	184		ug/Kg		55	33 - 120	
Acenaphthylene	ND		333	194		ug/Kg		58	28 - 120	
Anthracene	ND		333	201		ug/Kg		60	36 - 120	
Benzo[a]anthracene	ND		333	210		ug/Kg		63	29 - 120	
Benzo[a]pyrene	ND		333	216		ug/Kg		65	24 - 120	
Benzo[b]fluoranthene	ND		333	217		ug/Kg		65	17 - 132	
Benzo[g,h,i]perylene	ND		333	197		ug/Kg		59	21 - 120	
Benzo[k]fluoranthene	ND		333	215		ug/Kg		65	35 - 120	
Chrysene	ND		333	202		ug/Kg		60	29 - 120	
Dibenz(a,h)anthracene	ND		333	224		ug/Kg		67	36 - 120	
Fluoranthene	ND		333	217		ug/Kg		65	24 - 120	
Fluorene	ND		333	196		ug/Kg		59	35 - 120	
Indeno[1,2,3-cd]pyrene	ND		333	210		ug/Kg		63	20 - 126	
Naphthalene	ND		333	171		ug/Kg		52	32 - 120	
Phenanthrene	ND		333	195		ug/Kg		58	28 - 120	
Pyrene	ND		333	220		ug/Kg		66	24 - 123	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	59		33 - 120
Terphenyl-d14	70		35 - 146

Lab Sample ID: 720-57003-10 MSD

Matrix: Solid

Analysis Batch: 158492

Client Sample ID: PS-2-3' EVELYN/MARSHALL

Prep Type: Total/NA

Prep Batch: 158450

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.	Limits	RPD	
	Result	Qualifier		Result	Qualifier						RPD	Limit
Acenaphthene	ND		333	178		ug/Kg		54	33 - 120	3	20	
Acenaphthylene	ND		333	186		ug/Kg		56	28 - 120	4	20	
Anthracene	ND		333	201		ug/Kg		60	36 - 120	0	20	
Benzo[a]anthracene	ND		333	199		ug/Kg		60	29 - 120	6	20	
Benzo[a]pyrene	ND		333	204		ug/Kg		61	24 - 120	6	20	
Benzo[b]fluoranthene	ND		333	210		ug/Kg		63	17 - 132	4	20	
Benzo[g,h,i]perylene	ND		333	177		ug/Kg		53	21 - 120	11	20	
Benzo[k]fluoranthene	ND		333	203		ug/Kg		61	35 - 120	5	20	
Chrysene	ND		333	194		ug/Kg		58	29 - 120	4	20	
Dibenz(a,h)anthracene	ND		333	205		ug/Kg		62	36 - 120	9	20	
Fluoranthene	ND		333	207		ug/Kg		62	24 - 120	5	20	
Fluorene	ND		333	187		ug/Kg		56	35 - 120	5	20	
Indeno[1,2,3-cd]pyrene	ND		333	192		ug/Kg		58	20 - 126	9	20	
Naphthalene	ND		333	163		ug/Kg		49	32 - 120	5	20	
Phenanthrene	ND		333	188		ug/Kg		56	28 - 120	4	20	
Pyrene	ND		333	217		ug/Kg		65	24 - 123	1	20	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	54		33 - 120
Terphenyl-d14	68		35 - 146

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-158495/1-A

Matrix: Solid

Analysis Batch: 158471

Client Sample ID: Method Blank

Prep Type: Silica Gel Cleanup

Prep Batch: 158495

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		05/01/14 11:30	05/01/14 23:00	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 11:30	05/01/14 23:00	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.003		0 - 1				05/01/14 11:30	05/01/14 23:00	1
p-Terphenyl	92		38 - 148				05/01/14 11:30	05/01/14 23:00	1

Lab Sample ID: LCS 720-158495/2-A

Matrix: Solid

Analysis Batch: 158471

Client Sample ID: Lab Control Sample

Prep Type: Silica Gel Cleanup

Prep Batch: 158495

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]	83.1	46.1		mg/Kg		55	36 - 112
Surrogate	%Recovery	LCS Qualifier	Limits				
p-Terphenyl	94		38 - 148				

Lab Sample ID: LCSD 720-158495/3-A

Matrix: Solid

Analysis Batch: 158471

Client Sample ID: Lab Control Sample Dup

Prep Type: Silica Gel Cleanup

Prep Batch: 158495

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	83.0	39.6		mg/Kg		48	36 - 112	15	35
Surrogate	%Recovery	LCSD Qualifier	Limits						
p-Terphenyl	101		38 - 148						

Lab Sample ID: MB 720-158532/1-A

Matrix: Solid

Analysis Batch: 158471

Client Sample ID: Method Blank

Prep Type: Silica Gel Cleanup

Prep Batch: 158532

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		05/01/14 17:06	05/02/14 05:29	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/01/14 17:06	05/02/14 05:29	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0.005		0 - 1				05/01/14 17:06	05/02/14 05:29	1
p-Terphenyl	90		38 - 148				05/01/14 17:06	05/02/14 05:29	1

Lab Sample ID: LCS 720-158532/2-A

Matrix: Solid

Analysis Batch: 158471

Client Sample ID: Lab Control Sample

Prep Type: Silica Gel Cleanup

Prep Batch: 158532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	82.6	49.0		mg/Kg		59	36 - 112

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-158532/2-A
Matrix: Solid
Analysis Batch: 158471

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 158532

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	91		38 - 148

Lab Sample ID: LCSD 720-158532/3-A
Matrix: Solid
Analysis Batch: 158471

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 158532

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	82.9	40.7		mg/Kg		49	36 - 112	19	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	93		38 - 148

Lab Sample ID: MB 720-158578/1-A
Matrix: Solid
Analysis Batch: 158571

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 158578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		05/02/14 10:27	05/03/14 03:41	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		05/02/14 10:27	05/03/14 03:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	0		0 - 1	05/02/14 10:27	05/03/14 03:41	1
p-Terphenyl	90		38 - 148	05/02/14 10:27	05/03/14 03:41	1

Lab Sample ID: LCS 720-158578/2-A
Matrix: Solid
Analysis Batch: 158571

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 158578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	83.3	50.9		mg/Kg		61	36 - 112

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	103		38 - 148

Lab Sample ID: LCSD 720-158578/3-A
Matrix: Solid
Analysis Batch: 158571

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 158578

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	83.0	51.8		mg/Kg		62	36 - 112	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	100		38 - 148

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 720-57003-17 MS

Matrix: Solid

Analysis Batch: 158572

Client Sample ID: PS-5-7' EVELYN/MARSHALL

Prep Type: Silica Gel Cleanup

Prep Batch: 158578

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1.7		82.7	36.8	F1	mg/Kg		42	50 - 150
Surrogate	%Recovery	MS Qualifier	Limits						
<i>p-Terphenyl</i>	80		38 - 148						

Lab Sample ID: 720-57003-17 MSD

Matrix: Solid

Analysis Batch: 158572

Client Sample ID: PS-5-7' EVELYN/MARSHALL

Prep Type: Silica Gel Cleanup

Prep Batch: 158578

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1.7		82.5	39.6	F1	mg/Kg		46	50 - 150	7	30
Surrogate	%Recovery	MSD Qualifier	Limits								
<i>p-Terphenyl</i>	85		38 - 148								

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-158518/1-A

Matrix: Solid

Analysis Batch: 158575

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158518

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Dieldrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Endrin aldehyde	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Endrin	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Endrin ketone	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Heptachlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
4,4'-DDT	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
4,4'-DDE	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
4,4'-DDD	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Endosulfan I	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Endosulfan II	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
alpha-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
beta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
delta-BHC	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Methoxychlor	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Toxaphene	ND		40		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
Chlordane (technical)	ND		40		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
alpha-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1
gamma-Chlordane	ND		2.0		ug/Kg		05/01/14 16:02	05/02/14 12:11	1

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 720-158518/1-A

Matrix: Solid

Analysis Batch: 158575

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158518

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	103		57 - 122	05/01/14 16:02	05/02/14 12:11	1
DCB Decachlorobiphenyl	112		21 - 136	05/01/14 16:02	05/02/14 12:11	1

Lab Sample ID: LCS 720-158518/2-A

Matrix: Solid

Analysis Batch: 158575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 158518

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Aldrin	16.4	16.1		ug/Kg		98	65 - 120	
Dieldrin	16.4	16.4		ug/Kg		100	72 - 120	
Endrin aldehyde	16.4	16.0		ug/Kg		98	68 - 120	
Endrin	16.4	16.4		ug/Kg		100	68 - 120	
Endrin ketone	16.4	16.6		ug/Kg		101	67 - 120	
Heptachlor	16.4	15.4		ug/Kg		94	69 - 120	
Heptachlor epoxide	16.4	16.4		ug/Kg		100	68 - 120	
4,4'-DDT	16.4	17.4		ug/Kg		106	63 - 127	
4,4'-DDE	16.4	16.9		ug/Kg		103	70 - 120	
4,4'-DDD	16.4	16.3		ug/Kg		99	69 - 120	
Endosulfan I	16.4	15.5		ug/Kg		94	62 - 120	
Endosulfan II	16.4	16.7		ug/Kg		102	65 - 120	
alpha-BHC	16.4	15.4		ug/Kg		94	62 - 120	
beta-BHC	16.4	16.9		ug/Kg		103	74 - 124	
gamma-BHC (Lindane)	16.4	15.0		ug/Kg		91	72 - 120	
delta-BHC	16.4	14.3		ug/Kg		87	64 - 120	
Endosulfan sulfate	16.4	16.8		ug/Kg		103	67 - 120	
Methoxychlor	16.4	17.5		ug/Kg		107	71 - 132	
alpha-Chlordane	16.4	16.5		ug/Kg		101	70 - 120	
gamma-Chlordane	16.4	16.5		ug/Kg		101	68 - 120	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	96		57 - 122
DCB Decachlorobiphenyl	113		21 - 136

Lab Sample ID: LCSD 720-158518/3-A

Matrix: Solid

Analysis Batch: 158575

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 158518

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
									RPD	Limit
Aldrin	16.4	14.8		ug/Kg		91	65 - 120	8	20	
Dieldrin	16.4	16.1		ug/Kg		98	72 - 120	2	20	
Endrin aldehyde	16.4	15.8		ug/Kg		97	68 - 120	1	20	
Endrin	16.4	16.0		ug/Kg		98	68 - 120	3	20	
Endrin ketone	16.4	16.6		ug/Kg		101	67 - 120	0	20	
Heptachlor	16.4	14.2		ug/Kg		87	69 - 120	8	20	
Heptachlor epoxide	16.4	16.1		ug/Kg		98	68 - 120	2	20	
4,4'-DDT	16.4	17.3		ug/Kg		105	63 - 127	1	20	
4,4'-DDE	16.4	16.8		ug/Kg		103	70 - 120	4	20	
4,4'-DDD	16.4	16.3		ug/Kg		99	69 - 120	0	20	

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 720-158518/3-A

Matrix: Solid

Analysis Batch: 158575

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 158518

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Endosulfan I	16.4	15.2		ug/Kg		93	62 - 120	2	20	
Endosulfan II	16.4	16.5		ug/Kg		101	65 - 120	1	35	
alpha-BHC	16.4	14.1		ug/Kg		86	62 - 120	8	20	
beta-BHC	16.4	16.2		ug/Kg		99	74 - 124	4	20	
gamma-BHC (Lindane)	16.4	14.0		ug/Kg		85	72 - 120	7	20	
delta-BHC	16.4	13.8		ug/Kg		85	64 - 120	3	20	
Endosulfan sulfate	16.4	16.6		ug/Kg		101	67 - 120	2	20	
Methoxychlor	16.4	17.4		ug/Kg		107	71 - 132	0	20	
alpha-Chlordane	16.4	16.2		ug/Kg		99	70 - 120	2	20	
gamma-Chlordane	16.4	16.2		ug/Kg		99	68 - 120	2	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	88		57 - 122
DCB Decachlorobiphenyl	116		21 - 136

Lab Sample ID: 720-57003-1 MS

Matrix: Solid

Analysis Batch: 158575

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158518

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
Aldrin	ND		16.2	15.8		ug/Kg		97	53 - 120	
Dieldrin	ND		16.2	15.2		ug/Kg		94	46 - 130	
Endrin aldehyde	ND		16.2	14.5		ug/Kg		89	40 - 120	
Endrin	ND		16.2	15.3		ug/Kg		94	32 - 143	
Endrin ketone	ND		16.2	14.9		ug/Kg		92	40 - 120	
Heptachlor	ND		16.2	14.6		ug/Kg		90	52 - 120	
Heptachlor epoxide	ND		16.2	15.9		ug/Kg		98	40 - 120	
4,4'-DDT	ND		16.2	16.7		ug/Kg		103	17 - 144	
4,4'-DDE	ND		16.2	15.9		ug/Kg		98	40 - 120	
4,4'-DDD	ND		16.2	15.6		ug/Kg		97	40 - 120	
Endosulfan I	ND		16.2	14.6		ug/Kg		90	40 - 120	
Endosulfan II	ND		16.2	15.9		ug/Kg		98	40 - 120	
alpha-BHC	ND		16.2	14.7		ug/Kg		91	40 - 120	
beta-BHC	ND		16.2	15.5		ug/Kg		96	40 - 120	
gamma-BHC (Lindane)	ND		16.2	14.2		ug/Kg		88	58 - 120	
delta-BHC	ND		16.2	13.2		ug/Kg		82	40 - 120	
Endosulfan sulfate	ND		16.2	15.1		ug/Kg		93	40 - 120	
Methoxychlor	ND		16.2	16.6		ug/Kg		103	40 - 120	
alpha-Chlordane	ND		16.2	15.4		ug/Kg		95	40 - 120	
gamma-Chlordane	ND		16.2	15.6		ug/Kg		96	40 - 120	

Surrogate	MS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	94		57 - 122
DCB Decachlorobiphenyl	110		21 - 136

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 720-57003-1 MSD

Matrix: Solid

Analysis Batch: 158575

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158518

Analyte	Sample	Sample Qualifier	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result			Result	Qualifier				Limits		Limit
Aldrin	ND		16.6	15.6		ug/Kg		94	53 - 120	1	20
Dieldrin	ND		16.6	15.3		ug/Kg		92	46 - 130	1	20
Endrin aldehyde	ND		16.6	14.4		ug/Kg		87	40 - 120	0	20
Endrin	ND		16.6	15.7		ug/Kg		95	32 - 143	3	20
Endrin ketone	ND		16.6	15.6		ug/Kg		94	40 - 120	5	20
Heptachlor	ND		16.6	14.6		ug/Kg		88	52 - 120	0	20
Heptachlor epoxide	ND		16.6	15.6		ug/Kg		94	40 - 120	2	20
4,4'-DDT	ND		16.6	16.5		ug/Kg		100	17 - 144	1	20
4,4'-DDE	ND		16.6	16.3		ug/Kg		98	40 - 120	3	20
4,4'-DDD	ND		16.6	16.5		ug/Kg		99	40 - 120	5	20
Endosulfan I	ND		16.6	14.6		ug/Kg		88	40 - 120	0	20
Endosulfan II	ND		16.6	16.4		ug/Kg		99	40 - 120	3	30
alpha-BHC	ND		16.6	14.6		ug/Kg		88	40 - 120	1	20
beta-BHC	ND		16.6	15.6		ug/Kg		94	40 - 120	1	20
gamma-BHC (Lindane)	ND		16.6	14.1		ug/Kg		85	58 - 120	1	20
delta-BHC	ND		16.6	13.5		ug/Kg		81	40 - 120	2	20
Endosulfan sulfate	ND		16.6	15.4		ug/Kg		93	40 - 120	2	20
Methoxychlor	ND		16.6	19.3		ug/Kg		116	40 - 120	9	20
alpha-Chlordane	ND		16.6	15.6		ug/Kg		94	40 - 120	1	20
gamma-Chlordane	ND		16.6	15.7		ug/Kg		95	40 - 120	1	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	90		57 - 122
DCB Decachlorobiphenyl	107		21 - 136

Lab Sample ID: MB 720-158637/1-A

Matrix: Solid

Analysis Batch: 158646

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158637

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Dieldrin	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Endrin aldehyde	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Endrin	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Endrin ketone	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Heptachlor	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Heptachlor epoxide	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
4,4'-DDT	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
4,4'-DDE	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
4,4'-DDD	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Endosulfan I	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Endosulfan II	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
alpha-BHC	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
beta-BHC	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
delta-BHC	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Endosulfan sulfate	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Methoxychlor	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 720-158637/1-A

Matrix: Solid

Analysis Batch: 158646

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	ND		40		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
Chlordane (technical)	ND		40		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
alpha-Chlordane	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1
gamma-Chlordane	ND		2.0		ug/Kg		05/03/14 09:12	05/03/14 20:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		57 - 122	05/03/14 09:12	05/03/14 20:31	1
DCB Decachlorobiphenyl	104		21 - 136	05/03/14 09:12	05/03/14 20:31	1

Lab Sample ID: LCS 720-158637/2-A

Matrix: Solid

Analysis Batch: 158646

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 158637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	16.6	13.6		ug/Kg		82	65 - 120
Dieldrin	16.6	15.4		ug/Kg		93	72 - 120
Endrin aldehyde	16.6	15.0		ug/Kg		90	68 - 120
Endrin	16.6	15.5		ug/Kg		93	68 - 120
Endrin ketone	16.6	15.5		ug/Kg		94	67 - 120
Heptachlor	16.6	13.3		ug/Kg		80	69 - 120
Heptachlor epoxide	16.6	15.3		ug/Kg		92	68 - 120
4,4'-DDT	16.6	16.2		ug/Kg		98	63 - 127
4,4'-DDE	16.6	16.1		ug/Kg		97	70 - 120
4,4'-DDD	16.6	15.4		ug/Kg		93	69 - 120
Endosulfan I	16.6	14.5		ug/Kg		87	62 - 120
Endosulfan II	16.6	15.6		ug/Kg		94	65 - 120
alpha-BHC	16.6	13.2		ug/Kg		79	62 - 120
beta-BHC	16.6	15.7		ug/Kg		95	74 - 124
gamma-BHC (Lindane)	16.6	13.1		ug/Kg		79	72 - 120
delta-BHC	16.6	11.8		ug/Kg		71	64 - 120
Endosulfan sulfate	16.6	15.2		ug/Kg		91	67 - 120
Methoxychlor	16.6	15.7		ug/Kg		95	71 - 132
alpha-Chlordane	16.6	15.6		ug/Kg		94	70 - 120
gamma-Chlordane	16.6	15.6		ug/Kg		94	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	81		57 - 122
DCB Decachlorobiphenyl	98		21 - 136

Lab Sample ID: LCSD 720-158637/3-A

Matrix: Solid

Analysis Batch: 158646

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 158637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aldrin	16.6	14.8		ug/Kg		89	65 - 120	8	20
Dieldrin	16.6	16.0		ug/Kg		96	72 - 120	4	20
Endrin aldehyde	16.6	15.6		ug/Kg		94	68 - 120	4	20
Endrin	16.6	15.9		ug/Kg		96	68 - 120	3	20

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 720-158637/3-A

Matrix: Solid

Analysis Batch: 158646

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 158637

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit		
Endrin ketone	16.6	16.1		ug/Kg		97	67 - 120	4	20	
Heptachlor	16.6	14.6		ug/Kg		88	69 - 120	9	20	
Heptachlor epoxide	16.6	16.1		ug/Kg		97	68 - 120	5	20	
4,4'-DDT	16.6	16.9		ug/Kg		102	63 - 127	4	20	
4,4'-DDE	16.6	16.7		ug/Kg		101	70 - 120	4	20	
4,4'-DDD	16.6	15.9		ug/Kg		96	69 - 120	3	20	
Endosulfan I	16.6	15.0		ug/Kg		90	62 - 120	3	20	
Endosulfan II	16.6	15.9		ug/Kg		96	65 - 120	2	35	
alpha-BHC	16.6	14.5		ug/Kg		87	62 - 120	9	20	
beta-BHC	16.6	16.5		ug/Kg		99	74 - 124	5	20	
gamma-BHC (Lindane)	16.6	14.3		ug/Kg		86	72 - 120	9	20	
delta-BHC	16.6	12.4		ug/Kg		74	64 - 120	5	20	
Endosulfan sulfate	16.6	15.5		ug/Kg		94	67 - 120	2	20	
Methoxychlor	16.6	16.9		ug/Kg		102	71 - 132	2	20	
alpha-Chlordane	16.6	16.3		ug/Kg		98	70 - 120	4	20	
gamma-Chlordane	16.6	16.3		ug/Kg		98	68 - 120	4	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	88		57 - 122
DCB Decachlorobiphenyl	102		21 - 136

Lab Sample ID: 720-57003-8 MS

Matrix: Solid

Analysis Batch: 158646

Client Sample ID: PS-4-7' EVELYN

Prep Type: Total/NA

Prep Batch: 158637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits	
				Result	Qualifier				RPD	Limit
Aldrin	ND		16.6	11.9		ug/Kg		72	53 - 120	
Dieldrin	ND		16.6	12.4		ug/Kg		75	46 - 130	
Endrin aldehyde	ND		16.6	5.04	F1	ug/Kg		30	40 - 120	
Endrin	ND		16.6	12.8		ug/Kg		77	32 - 143	
Endrin ketone	ND		16.6	4.16	F1	ug/Kg		25	40 - 120	
Heptachlor	ND		16.6	8.46	F1	ug/Kg		51	52 - 120	
Heptachlor epoxide	ND		16.6	12.6		ug/Kg		76	40 - 120	
4,4'-DDT	ND		16.6	3.75		ug/Kg		23	17 - 144	
4,4'-DDE	ND		16.6	16.3		ug/Kg		98	40 - 120	
4,4'-DDD	ND		16.6	9.27		ug/Kg		56	40 - 120	
Endosulfan I	ND		16.6	2.16	F1	ug/Kg		13	40 - 120	
Endosulfan II	ND		16.6	ND	F1	ug/Kg		12	40 - 120	
alpha-BHC	ND		16.6	ND	F1	ug/Kg		10	40 - 120	
beta-BHC	ND		16.6	9.43		ug/Kg		57	40 - 120	
gamma-BHC (Lindane)	ND		16.6	ND	F1	ug/Kg		11	58 - 120	
delta-BHC	ND		16.6	ND	F1	ug/Kg		5	40 - 120	
Endosulfan sulfate	ND		16.6	ND	F1	ug/Kg		12	40 - 120	
Methoxychlor	ND		16.6	7.36		ug/Kg		44	40 - 120	
alpha-Chlordane	ND		16.6	12.2		ug/Kg		73	40 - 120	
gamma-Chlordane	ND		16.6	14.2		ug/Kg		86	40 - 120	

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 720-57003-8 MS

Matrix: Solid

Analysis Batch: 158646

Client Sample ID: PS-4-7' EVELYN

Prep Type: Total/NA

Prep Batch: 158637

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	78		57 - 122
DCB Decachlorobiphenyl	83		21 - 136

Lab Sample ID: 720-57003-8 MSD

Matrix: Solid

Analysis Batch: 158646

Client Sample ID: PS-4-7' EVELYN

Prep Type: Total/NA

Prep Batch: 158637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
				Result	Qualifier				Limits	RPD	Limit	
Aldrin	ND		16.6	10.6		ug/Kg		64	53 - 120	10	20	
Dieldrin	ND		16.6	11.3		ug/Kg		68	46 - 130	10	20	
Endrin aldehyde	ND		16.6	4.69	F1	ug/Kg		28	40 - 120	7	20	
Endrin	ND		16.6	11.6		ug/Kg		70	32 - 143	10	20	
Endrin ketone	ND		16.6	4.33	F1	ug/Kg		26	40 - 120	4	20	
Heptachlor	ND		16.6	5.15	F1 F2	ug/Kg		31	52 - 120	49	20	
Heptachlor epoxide	ND		16.6	11.4		ug/Kg		69	40 - 120	10	20	
4,4'-DDT	ND		16.6	4.10		ug/Kg		25	17 - 144	9	20	
4,4'-DDE	ND		16.6	16.1		ug/Kg		97	40 - 120	0	20	
4,4'-DDD	ND		16.6	8.02		ug/Kg		48	40 - 120	14	20	
Endosulfan I	ND		16.6	2.51	F1	ug/Kg		15	40 - 120	16	20	
Endosulfan II	ND		16.6	2.31	F1	ug/Kg		14	40 - 120	21	30	
alpha-BHC	ND		16.6	ND	F1	ug/Kg		11	40 - 120	8	20	
beta-BHC	ND		16.6	8.20		ug/Kg		49	40 - 120	14	20	
gamma-BHC (Lindane)	ND		16.6	2.08	F1 F2	ug/Kg		13	58 - 120	35	20	
delta-BHC	ND		16.6	ND	F1	ug/Kg		6	40 - 120	20	20	
Endosulfan sulfate	ND		16.6	2.33	F1 F2	ug/Kg		14	40 - 120	22	20	
Methoxychlor	ND		16.6	8.65		ug/Kg		52	40 - 120	16	20	
alpha-Chlordane	ND		16.6	10.9		ug/Kg		66	40 - 120	11	20	
gamma-Chlordane	ND		16.6	13.0		ug/Kg		78	40 - 120	8	20	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	68		57 - 122
DCB Decachlorobiphenyl	78		21 - 136

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-158519/1-A

Matrix: Solid

Analysis Batch: 158561

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158519

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:17	1
PCB-1221	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:17	1
PCB-1232	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:17	1
PCB-1242	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:17	1
PCB-1248	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:17	1
PCB-1254	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:17	1
PCB-1260	ND		50		ug/Kg		05/01/14 16:02	05/02/14 15:17	1

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 720-158519/1-A
Matrix: Solid
Analysis Batch: 158561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 158519

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	82		45 - 132	05/01/14 16:02	05/02/14 15:17	1
DCB Decachlorobiphenyl	98		42 - 146	05/01/14 16:02	05/02/14 15:17	1

Lab Sample ID: LCS 720-158519/2-A
Matrix: Solid
Analysis Batch: 158561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 158519

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
							RPD	Limit
PCB-1016	131	114		ug/Kg		87	65 - 121	
PCB-1260	131	127		ug/Kg		97	68 - 127	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	77		45 - 132
DCB Decachlorobiphenyl	93		42 - 146

Lab Sample ID: LCSD 720-158519/3-A
Matrix: Solid
Analysis Batch: 158561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 158519

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
							RPD	Limit		
PCB-1016	131	112		ug/Kg		85	65 - 121	2	20	
PCB-1260	131	125		ug/Kg		95	68 - 127	1	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	76		45 - 132
DCB Decachlorobiphenyl	91		42 - 146

Lab Sample ID: 720-57003-1 MS
Matrix: Solid
Analysis Batch: 158561

Client Sample ID: PS-1-1' EVELYN
Prep Type: Total/NA
Prep Batch: 158519

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
									RPD	Limit
PCB-1016	ND		132	109		ug/Kg		83	69 - 120	
PCB-1260	ND		132	121		ug/Kg		92	73 - 114	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	72		45 - 132
DCB Decachlorobiphenyl	86		42 - 146

Lab Sample ID: 720-57003-1 MSD
Matrix: Solid
Analysis Batch: 158561

Client Sample ID: PS-1-1' EVELYN
Prep Type: Total/NA
Prep Batch: 158519

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
									RPD	Limit		
PCB-1016	ND		130	106		ug/Kg		81	69 - 120	3	20	
PCB-1260	ND		130	119		ug/Kg		91	73 - 114	2	20	

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 720-57003-1 MSD
Matrix: Solid
Analysis Batch: 158561

Client Sample ID: PS-1-1' EVELYN
Prep Type: Total/NA
Prep Batch: 158519

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	71		45 - 132
DCB Decachlorobiphenyl	83		42 - 146

Lab Sample ID: MB 720-158638/1-A
Matrix: Solid
Analysis Batch: 158634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 158638

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		50		ug/Kg		05/03/14 09:15	05/03/14 15:42	1
PCB-1221	ND		50		ug/Kg		05/03/14 09:15	05/03/14 15:42	1
PCB-1232	ND		50		ug/Kg		05/03/14 09:15	05/03/14 15:42	1
PCB-1242	ND		50		ug/Kg		05/03/14 09:15	05/03/14 15:42	1
PCB-1248	ND		50		ug/Kg		05/03/14 09:15	05/03/14 15:42	1
PCB-1254	ND		50		ug/Kg		05/03/14 09:15	05/03/14 15:42	1
PCB-1260	ND		50		ug/Kg		05/03/14 09:15	05/03/14 15:42	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	75		45 - 132	05/03/14 09:15	05/03/14 15:42	1
DCB Decachlorobiphenyl	90		42 - 146	05/03/14 09:15	05/03/14 15:42	1

Lab Sample ID: LCS 720-158638/2-A
Matrix: Solid
Analysis Batch: 158634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 158638

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
PCB-1016	133	115		ug/Kg		86	65 - 121
PCB-1260	133	129		ug/Kg		97	68 - 127

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	72		45 - 132
DCB Decachlorobiphenyl	94		42 - 146

Lab Sample ID: LCSD 720-158638/3-A
Matrix: Solid
Analysis Batch: 158634

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 158638

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec. Limits	RPD	
		Result	Qualifier					RPD	Limit
PCB-1016	133	110		ug/Kg		83	65 - 121	4	20
PCB-1260	133	123		ug/Kg		92	68 - 127	5	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	71		45 - 132
DCB Decachlorobiphenyl	85		42 - 146

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 720-57003-8 MS

Matrix: Solid

Analysis Batch: 158635

Client Sample ID: PS-4-7' EVELYN

Prep Type: Total/NA

Prep Batch: 158638

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
PCB-1016	ND		133	110		ug/Kg		83	69 - 120
PCB-1260	ND		133	122		ug/Kg		92	73 - 114
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
Tetrachloro-m-xylene	65		45 - 132						
DCB Decachlorobiphenyl	78		42 - 146						

Lab Sample ID: 720-57003-8 MSD

Matrix: Solid

Analysis Batch: 158635

Client Sample ID: PS-4-7' EVELYN

Prep Type: Total/NA

Prep Batch: 158638

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
PCB-1016	ND		133	109		ug/Kg		82	69 - 120	0	20
PCB-1260	ND		133	123		ug/Kg		93	73 - 114	1	20
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
Tetrachloro-m-xylene	63		45 - 132								
DCB Decachlorobiphenyl	77		42 - 146								

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-158330/1-A

Matrix: Solid

Analysis Batch: 158465

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158330

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.50		mg/Kg		04/29/14 13:12	04/30/14 19:45	1
Arsenic	ND		1.0		mg/Kg		04/29/14 13:12	04/30/14 19:45	1
Beryllium	ND		0.10		mg/Kg		04/29/14 13:12	04/30/14 19:45	1
Chromium	ND		0.50		mg/Kg		04/29/14 13:12	04/30/14 19:45	1
Cobalt	ND		0.20		mg/Kg		04/29/14 13:12	04/30/14 19:45	1
Copper	ND		1.5		mg/Kg		04/29/14 13:12	04/30/14 19:45	1
Nickel	ND		0.50		mg/Kg		04/29/14 13:12	04/30/14 19:45	1
Vanadium	ND		0.50		mg/Kg		04/29/14 13:12	04/30/14 19:45	1
Zinc	1.74		1.5		mg/Kg		04/29/14 13:12	04/30/14 19:45	1

Lab Sample ID: MB 720-158330/1-A

Matrix: Solid

Analysis Batch: 158564

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158330

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Barium	ND		0.50		mg/Kg		04/29/14 13:12	05/01/14 20:12	1
Cadmium	ND		0.13		mg/Kg		04/29/14 13:12	05/01/14 20:12	1
Lead	ND		0.50		mg/Kg		04/29/14 13:12	05/01/14 20:12	1
Molybdenum	ND		0.50		mg/Kg		04/29/14 13:12	05/01/14 20:12	1
Selenium	ND		1.0		mg/Kg		04/29/14 13:12	05/01/14 20:12	1
Silver	ND		0.25		mg/Kg		04/29/14 13:12	05/01/14 20:12	1

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 720-158330/1-A
Matrix: Solid
Analysis Batch: 158564

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 158330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.50		mg/Kg		04/29/14 13:12	05/01/14 20:12	1

Lab Sample ID: LCS 720-158330/2-A
Matrix: Solid
Analysis Batch: 158465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 158330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	43.5		mg/Kg		87	80 - 120
Arsenic	50.0	45.5		mg/Kg		91	80 - 120
Beryllium	50.0	48.3		mg/Kg		97	80 - 120
Chromium	50.0	48.2		mg/Kg		96	80 - 120
Cobalt	50.0	47.4		mg/Kg		95	80 - 120
Copper	50.0	48.6		mg/Kg		97	80 - 120
Nickel	50.0	49.1		mg/Kg		98	80 - 120
Vanadium	50.0	45.9		mg/Kg		92	80 - 120
Zinc	50.0	46.9		mg/Kg		94	80 - 120

Lab Sample ID: LCS 720-158330/2-A
Matrix: Solid
Analysis Batch: 158564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 158330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	50.0	49.8		mg/Kg		100	80 - 120
Cadmium	50.0	50.9		mg/Kg		102	80 - 120
Lead	50.0	53.6		mg/Kg		107	80 - 120
Molybdenum	50.0	53.0		mg/Kg		106	80 - 120
Selenium	50.0	51.3		mg/Kg		103	80 - 120
Silver	25.0	24.1		mg/Kg		96	80 - 120
Thallium	50.0	53.3		mg/Kg		107	80 - 120

Lab Sample ID: LCSD 720-158330/3-A
Matrix: Solid
Analysis Batch: 158465

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 158330

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	50.0	44.1		mg/Kg		88	80 - 120	1	20
Arsenic	50.0	45.4		mg/Kg		91	80 - 120	0	20
Beryllium	50.0	48.9		mg/Kg		98	80 - 120	1	20
Chromium	50.0	48.5		mg/Kg		97	80 - 120	1	20
Cobalt	50.0	47.4		mg/Kg		95	80 - 120	0	20
Copper	50.0	49.0		mg/Kg		98	80 - 120	1	20
Nickel	50.0	49.3		mg/Kg		99	80 - 120	0	20
Vanadium	50.0	46.4		mg/Kg		93	80 - 120	1	20
Zinc	50.0	47.0		mg/Kg		94	80 - 120	0	20

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-158330/3-A

Matrix: Solid

Analysis Batch: 158564

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 158330

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Barium	50.0	49.5		mg/Kg		99	80 - 120	0	20	
Cadmium	50.0	51.1		mg/Kg		102	80 - 120	1	20	
Lead	50.0	54.0		mg/Kg		108	80 - 120	1	20	
Molybdenum	50.0	53.7		mg/Kg		107	80 - 120	1	20	
Selenium	50.0	51.7		mg/Kg		103	80 - 120	1	20	
Silver	25.0	24.0		mg/Kg		96	80 - 120	0	20	
Thallium	50.0	53.8		mg/Kg		108	80 - 120	1	20	

Lab Sample ID: LCSSRM 720-158330/25-A

Matrix: Solid

Analysis Batch: 158465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 158330

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Arsenic	45.5	37.3		mg/Kg		82	69 - 119			
Beryllium	155	137		mg/Kg		88	56 - 102			
Chromium	106	92.4		mg/Kg		87	67 - 121			
Cobalt	247	200		mg/Kg		81	64 - 133			
Copper	130	116		mg/Kg		89	68 - 126			
Nickel	305	267		mg/Kg		88	65 - 117			
Vanadium	214	176		mg/Kg		82	67 - 123			
Zinc	388	315		mg/Kg		81	62 - 110			

Lab Sample ID: LCSSRM 720-158330/25-A

Matrix: Solid

Analysis Batch: 158564

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 158330

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Antimony	74.6	45.0		mg/Kg		60	11 - 101			
Barium	579	533		mg/Kg		92	61 - 117			
Cadmium	201	191		mg/Kg		95	67 - 118			
Lead	302	290		mg/Kg		96	62 - 113			
Molybdenum	165	160		mg/Kg		97	62 - 128			
Selenium	133	135		mg/Kg		102	63 - 126			
Silver	33.5	32.0		mg/Kg		95	51 - 130			
Thallium	191	187		mg/Kg		98	64 - 124			

Lab Sample ID: 720-57003-1 MS

Matrix: Solid

Analysis Batch: 158465

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
Antimony	0.87		50.0	8.50	F1	mg/Kg		15	75 - 125	
Arsenic	3.8		50.0	38.6	F1	mg/Kg		70	75 - 125	
Beryllium	0.096		50.0	38.0		mg/Kg		76	75 - 125	
Chromium	50		50.0	87.3		mg/Kg		75	75 - 125	
Cobalt	11		50.0	45.5	F1	mg/Kg		69	75 - 125	
Copper	26		50.0	66.1		mg/Kg		80	75 - 125	
Nickel	54		50.0	90.4	F1	mg/Kg		73	75 - 125	
Vanadium	42		50.0	79.1	F1	mg/Kg		74	75 - 125	

TestAmerica Pleasanton

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-57003-1 MS
Matrix: Solid
Analysis Batch: 158465

Client Sample ID: PS-1-1' EVELYN
Prep Type: Total/NA
Prep Batch: 158330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	44	B	50.0	80.3	F1	mg/Kg		73	75 - 125

Lab Sample ID: 720-57003-1 MS
Matrix: Solid
Analysis Batch: 158564

Client Sample ID: PS-1-1' EVELYN
Prep Type: Total/NA
Prep Batch: 158330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	140		50.0	170	F1	mg/Kg		53	75 - 125
Cadmium	ND		50.0	39.4		mg/Kg		79	75 - 125
Lead	5.7		50.0	46.4		mg/Kg		81	75 - 125
Molybdenum	ND		50.0	35.3	F1	mg/Kg		70	75 - 125
Selenium	ND		50.0	40.1		mg/Kg		79	75 - 125
Silver	ND		25.0	19.8		mg/Kg		79	75 - 125
Thallium	ND		50.0	38.3		mg/Kg		77	75 - 125

Lab Sample ID: 720-57003-1 MSD
Matrix: Solid
Analysis Batch: 158465

Client Sample ID: PS-1-1' EVELYN
Prep Type: Total/NA
Prep Batch: 158330

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	0.87		44.6	7.17	F1	mg/Kg		14	75 - 125	17	20
Arsenic	3.8		44.6	33.7	F1	mg/Kg		67	75 - 125	14	20
Beryllium	0.096		44.6	33.3	F1	mg/Kg		74	75 - 125	13	20
Chromium	50		44.6	80.3	F1	mg/Kg		69	75 - 125	8	20
Cobalt	11		44.6	40.7	F1	mg/Kg		67	75 - 125	11	20
Copper	26		44.6	60.8		mg/Kg		78	75 - 125	8	20
Nickel	54		44.6	85.6	F1	mg/Kg		71	75 - 125	5	20
Vanadium	42		44.6	73.4	F1	mg/Kg		70	75 - 125	7	20
Zinc	44	B	44.6	73.3	F1	mg/Kg		66	75 - 125	9	20

Lab Sample ID: 720-57003-1 MSD
Matrix: Solid
Analysis Batch: 158564

Client Sample ID: PS-1-1' EVELYN
Prep Type: Total/NA
Prep Batch: 158330

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Barium	140		44.6	187		mg/Kg		98	75 - 125	10	20
Cadmium	ND		44.6	34.1		mg/Kg		76	75 - 125	14	20
Lead	5.7		44.6	40.0		mg/Kg		77	75 - 125	15	20
Molybdenum	ND		44.6	29.7	F1	mg/Kg		66	75 - 125	17	20
Selenium	ND		44.6	34.1		mg/Kg		75	75 - 125	16	20
Silver	ND		22.3	17.4		mg/Kg		78	75 - 125	13	20
Thallium	ND		44.6	32.4	F1	mg/Kg		73	75 - 125	17	20

QC Sample Results

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-158331/1-A

Matrix: Solid

Analysis Batch: 158423

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 158331

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		04/29/14 13:15	04/30/14 11:27	1

Lab Sample ID: LCS 720-158331/2-A

Matrix: Solid

Analysis Batch: 158423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 158331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.867		mg/Kg		104	80 - 120

Lab Sample ID: LCSD 720-158331/3-A

Matrix: Solid

Analysis Batch: 158423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 158331

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.883		mg/Kg		106	80 - 120	2	20

Lab Sample ID: 720-57003-1 MS

Matrix: Solid

Analysis Batch: 158423

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.053		0.746	0.858		mg/Kg		108	75 - 125

Lab Sample ID: 720-57003-1 MSD

Matrix: Solid

Analysis Batch: 158423

Client Sample ID: PS-1-1' EVELYN

Prep Type: Total/NA

Prep Batch: 158331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.053		0.714	0.814		mg/Kg		107	75 - 125	5	20

QC Association Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

GC/MS VOA

Analysis Batch: 158142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	8260B	158177
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	8260B	158177
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	8260B	158177
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	8260B	158177
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	8260B	158177
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	8260B	158177
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	8260B	158177
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	8260B	158177
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	8260B	158177
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	8260B	158177
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	8260B	158177
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	8260B	158177
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	8260B	158177
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	8260B	158177
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	8260B	158177
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	8260B	158177
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	8260B	158177
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	8260B	158177
LCS 720-158142/6	Lab Control Sample	Total/NA	Solid	8260B	
LCS 720-158142/8	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-158142/7	Lab Control Sample Dup	Total/NA	Solid	8260B	
LCSD 720-158142/9	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-158142/5	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 158145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	8260B	158176
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	8260B	158176
720-57003-18 MS	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	8260B	158176
720-57003-18 MSD	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	8260B	158176
LCS 720-158145/5	Lab Control Sample	Total/NA	Solid	8260B	
LCS 720-158145/7	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-158145/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
LCSD 720-158145/8	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 720-158145/4	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 158176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-18 MS	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-18 MSD	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	5030B	

Prep Batch: 158177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	5030B	
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	5030B	
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	5030B	
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	5030B	
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	5030B	
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	5030B	

TestAmerica Pleasanton

QC Association Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

GC/MS VOA (Continued)

Prep Batch: 158177 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	5030B	
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	5030B	
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	5030B	
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	5030B	
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	5030B	
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	5030B	

GC/MS Semi VOA

Prep Batch: 158369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	3546	
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	3546	
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	3546	
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	3546	
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	3546	
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	3546	
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	3546	
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	3546	
LCS 720-158369/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-158369/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-158369/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 158411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	8270C SIM	158369
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	8270C SIM	158369
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	8270C SIM	158369
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	8270C SIM	158369
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	8270C SIM	158369

Analysis Batch: 158412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	8270C SIM	158369
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	8270C SIM	158369
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	8270C SIM	158369
LCS 720-158369/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	158369
LCSD 720-158369/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	158369
MB 720-158369/1-A	Method Blank	Total/NA	Solid	8270C SIM	158369

Prep Batch: 158450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	3546	

TestAmerica Pleasanton

QC Association Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

GC/MS Semi VOA (Continued)

Prep Batch: 158450 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-10 MS	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-10 MSD	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	3546	
LCS 720-158450/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-158450/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-158450/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 158492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-10 MS	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-10 MSD	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	8270C SIM	158450
LCS 720-158450/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	158450
LCSD 720-158450/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	158450
MB 720-158450/1-A	Method Blank	Total/NA	Solid	8270C SIM	158450

GC Semi VOA

Analysis Batch: 158471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-158495/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	158495
LCS 720-158532/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	158532
LCSD 720-158495/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	8015B	158495
LCSD 720-158532/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	8015B	158532
MB 720-158495/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	158495
MB 720-158532/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	158532

Prep Batch: 158495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Silica Gel Cleanup	Solid	3546	
720-57003-2	PS-1-5' EVELYN	Silica Gel Cleanup	Solid	3546	
720-57003-3	PS-2-2' EVELYN	Silica Gel Cleanup	Solid	3546	
720-57003-4	PS-2-12' EVELYN	Silica Gel Cleanup	Solid	3546	
720-57003-5	PS-3-3' EVELYN	Silica Gel Cleanup	Solid	3546	

TestAmerica Pleasanton

QC Association Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

GC Semi VOA (Continued)

Prep Batch: 158495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-6	PS-3-8' EVELYN	Silica Gel Cleanup	Solid	3546	
720-57003-7	PS-4-1.5' EVELYN	Silica Gel Cleanup	Solid	3546	
720-57003-8	PS-4-7' EVELYN	Silica Gel Cleanup	Solid	3546	
720-57003-9	PS-1-1' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
720-57003-10	PS-2-3' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
720-57003-11	PS-2-8' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
720-57003-13	PS-3-12' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
720-57003-14	PS-4-2' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
LCS 720-158495/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3546	
LCSD 720-158495/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	3546	
MB 720-158495/1-A	Method Blank	Silica Gel Cleanup	Solid	3546	

Prep Batch: 158518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	3546	
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	3546	
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	3546	
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	3546	
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	3546	
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	3546	
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	3546	
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	3546	
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	3546	
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	3546	
LCS 720-158518/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-158518/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-158518/1-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 158519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	3546	
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	3546	
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	3546	
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	3546	
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	3546	
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	3546	
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	3546	
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	3546	
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	3546	
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	3546	

TestAmerica Pleasanton

QC Association Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

GC Semi VOA (Continued)

Prep Batch: 158519 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	3546	
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	3546	
LCS 720-158519/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 720-158519/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-158519/1-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 158532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-15	PS-4-8' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
LCS 720-158532/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3546	
LCS 720-158532/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	3546	
MB 720-158532/1-A	Method Blank	Silica Gel Cleanup	Solid	3546	

Analysis Batch: 158560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Silica Gel Cleanup	Solid	8015B	158495
720-57003-2	PS-1-5' EVELYN	Silica Gel Cleanup	Solid	8015B	158495
720-57003-3	PS-2-2' EVELYN	Silica Gel Cleanup	Solid	8015B	158495
720-57003-4	PS-2-12' EVELYN	Silica Gel Cleanup	Solid	8015B	158495
720-57003-5	PS-3-3' EVELYN	Silica Gel Cleanup	Solid	8015B	158495
720-57003-6	PS-3-8' EVELYN	Silica Gel Cleanup	Solid	8015B	158495
720-57003-7	PS-4-1.5' EVELYN	Silica Gel Cleanup	Solid	8015B	158495

Analysis Batch: 158561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	8082	158519
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	8082	158519
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	8082	158519
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	8082	158519
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	8082	158519
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	8082	158519
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	8082	158519
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	8082	158519
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	8082	158519
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	8082	158519
LCS 720-158519/2-A	Lab Control Sample	Total/NA	Solid	8082	158519
LCS 720-158519/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	158519
MB 720-158519/1-A	Method Blank	Total/NA	Solid	8082	158519

Analysis Batch: 158563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	8082	158519
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	8082	158519

TestAmerica Pleasanton

QC Association Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

GC Semi VOA (Continued)

Analysis Batch: 158563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	8082	158519
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	8082	158519
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	8082	158519
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	8082	158519
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	8082	158519
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	8082	158519
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	8082	158519

Analysis Batch: 158571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-8	PS-4-7' EVELYN	Silica Gel Cleanup	Solid	8015B	158495
720-57003-9	PS-1-1' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158495
720-57003-10	PS-2-3' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158495
720-57003-11	PS-2-8' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158495
720-57003-15	PS-4-8' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158532
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158532
LCS 720-158578/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	8015B	158578
LCSD 720-158578/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	8015B	158578
MB 720-158578/1-A	Method Blank	Silica Gel Cleanup	Solid	8015B	158578

Analysis Batch: 158572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158495
720-57003-13	PS-3-12' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158495
720-57003-14	PS-4-2' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158495
720-57003-17	PS-5-7' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158578
720-57003-17 MS	PS-5-7' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158578
720-57003-17 MSD	PS-5-7' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158578
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	8015B	158532

Analysis Batch: 158575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	8081A	158518
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	8081A	158518
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	8081A	158518
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	8081A	158518
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	8081A	158518
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	8081A	158518
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	8081A	158518
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	8081A	158518
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	8081A	158518
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	8081A	158518

TestAmerica Pleasanton

QC Association Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

GC Semi VOA (Continued)

Analysis Batch: 158575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-158518/2-A	Lab Control Sample	Total/NA	Solid	8081A	158518
LCSD 720-158518/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	158518
MB 720-158518/1-A	Method Blank	Total/NA	Solid	8081A	158518

Prep Batch: 158578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-17	PS-5-7' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
720-57003-17 MS	PS-5-7' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
720-57003-17 MSD	PS-5-7' EVELYN/MARSHALL	Silica Gel Cleanup	Solid	3546	
LCS 720-158578/2-A	Lab Control Sample	Silica Gel Cleanup	Solid	3546	
LCSD 720-158578/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Solid	3546	
MB 720-158578/1-A	Method Blank	Silica Gel Cleanup	Solid	3546	

Analysis Batch: 158634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-158638/2-A	Lab Control Sample	Total/NA	Solid	8082	158638
LCSD 720-158638/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	158638
MB 720-158638/1-A	Method Blank	Total/NA	Solid	8082	158638

Analysis Batch: 158635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	8082	158638
720-57003-8 MS	PS-4-7' EVELYN	Total/NA	Solid	8082	158638
720-57003-8 MSD	PS-4-7' EVELYN	Total/NA	Solid	8082	158638

Prep Batch: 158637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	3546	
720-57003-8 MS	PS-4-7' EVELYN	Total/NA	Solid	3546	
720-57003-8 MSD	PS-4-7' EVELYN	Total/NA	Solid	3546	
LCS 720-158637/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-158637/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-158637/1-A	Method Blank	Total/NA	Solid	3546	

Prep Batch: 158638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	3546	
720-57003-8 MS	PS-4-7' EVELYN	Total/NA	Solid	3546	
720-57003-8 MSD	PS-4-7' EVELYN	Total/NA	Solid	3546	
LCS 720-158638/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-158638/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-158638/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 158646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	8081A	158637
720-57003-8 MS	PS-4-7' EVELYN	Total/NA	Solid	8081A	158637
720-57003-8 MSD	PS-4-7' EVELYN	Total/NA	Solid	8081A	158637
LCS 720-158637/2-A	Lab Control Sample	Total/NA	Solid	8081A	158637
LCSD 720-158637/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	158637
MB 720-158637/1-A	Method Blank	Total/NA	Solid	8081A	158637

TestAmerica Pleasanton

QC Association Summary

Client: Pacific States Environmental
 Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Metals

Prep Batch: 158330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	3050B	
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	3050B	
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	3050B	
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	3050B	
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	3050B	
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	3050B	
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	3050B	
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	3050B	
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	3050B	
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	3050B	
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	3050B	
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	3050B	
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	3050B	
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	3050B	
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	3050B	
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	3050B	
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	3050B	
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	3050B	
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	3050B	
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	3050B	
LCS 720-158330/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 720-158330/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 720-158330/25-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 720-158330/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 158331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	7471A	
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	7471A	
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	7471A	
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	7471A	
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	7471A	
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	7471A	
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	7471A	
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	7471A	
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	7471A	
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	7471A	
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	7471A	
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	7471A	
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	7471A	
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	7471A	
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	7471A	
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	7471A	
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	7471A	
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	7471A	
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	7471A	
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	7471A	
LCS 720-158331/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 720-158331/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
MB 720-158331/1-A	Method Blank	Total/NA	Solid	7471A	

TestAmerica Pleasanton

QC Association Summary

Client: Pacific States Environmental
 Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Metals (Continued)

Analysis Batch: 158423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	7471A	158331
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	7471A	158331
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	7471A	158331
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	7471A	158331
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	7471A	158331
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	7471A	158331
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	7471A	158331
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	7471A	158331
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	7471A	158331
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	7471A	158331
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	7471A	158331
LCS 720-158331/2-A	Lab Control Sample	Total/NA	Solid	7471A	158331
LCSD 720-158331/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	158331
MB 720-158331/1-A	Method Blank	Total/NA	Solid	7471A	158331

Analysis Batch: 158465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	6010B	158330
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	6010B	158330
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	6010B	158330
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	6010B	158330
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	6010B	158330
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	6010B	158330
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	6010B	158330
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	6010B	158330
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	6010B	158330
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	6010B	158330
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
LCS 720-158330/2-A	Lab Control Sample	Total/NA	Solid	6010B	158330
LCSD 720-158330/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	158330
LCSSRM 720-158330/25-A	Lab Control Sample	Total/NA	Solid	6010B	158330
MB 720-158330/1-A	Method Blank	Total/NA	Solid	6010B	158330

TestAmerica Pleasanton

QC Association Summary

Client: Pacific States Environmental
 Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Metals (Continued)

Analysis Batch: 158564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-57003-1	PS-1-1' EVELYN	Total/NA	Solid	6010B	158330
720-57003-1 MS	PS-1-1' EVELYN	Total/NA	Solid	6010B	158330
720-57003-1 MSD	PS-1-1' EVELYN	Total/NA	Solid	6010B	158330
720-57003-2	PS-1-5' EVELYN	Total/NA	Solid	6010B	158330
720-57003-3	PS-2-2' EVELYN	Total/NA	Solid	6010B	158330
720-57003-4	PS-2-12' EVELYN	Total/NA	Solid	6010B	158330
720-57003-5	PS-3-3' EVELYN	Total/NA	Solid	6010B	158330
720-57003-6	PS-3-8' EVELYN	Total/NA	Solid	6010B	158330
720-57003-7	PS-4-1.5' EVELYN	Total/NA	Solid	6010B	158330
720-57003-8	PS-4-7' EVELYN	Total/NA	Solid	6010B	158330
720-57003-9	PS-1-1' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-10	PS-2-3' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-11	PS-2-8' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-13	PS-3-12' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-14	PS-4-2' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-15	PS-4-8' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-17	PS-5-7' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Total/NA	Solid	6010B	158330
LCS 720-158330/2-A	Lab Control Sample	Total/NA	Solid	6010B	158330
LCSD 720-158330/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	158330
LCSSRM 720-158330/25-A	Lab Control Sample	Total/NA	Solid	6010B	158330
MB 720-158330/1-A	Method Blank	Total/NA	Solid	6010B	158330

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN

Lab Sample ID: 720-57003-1

Date Collected: 04/25/14 07:39

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/25/14 23:15	PDR	TAL PLS
Total/NA	Prep	3546			158369	04/29/14 18:03	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	158412	04/30/14 14:56	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 11:34	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158560	05/02/14 09:41	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 13:41	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158561	05/02/14 13:03	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:06	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 20:35	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 11:39	EFH	TAL PLS

Client Sample ID: PS-1-5' EVELYN

Lab Sample ID: 720-57003-2

Date Collected: 04/25/14 07:40

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/25/14 23:44	PDR	TAL PLS
Total/NA	Prep	3546			158369	04/29/14 18:03	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	158412	04/30/14 14:15	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158560	05/02/14 10:06	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 13:59	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158561	05/02/14 13:20	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:15	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 20:45	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 11:41	EFH	TAL PLS

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-2' EVELYN

Lab Sample ID: 720-57003-3

Date Collected: 04/25/14 07:47

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 00:13	PDR	TAL PLS
Total/NA	Prep	3546			158369	04/29/14 18:03	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	158412	04/30/14 14:36	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158560	05/02/14 10:30	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 14:17	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158561	05/02/14 13:37	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:19	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 20:49	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 11:43	EFH	TAL PLS

Client Sample ID: PS-2-12' EVELYN

Lab Sample ID: 720-57003-4

Date Collected: 04/25/14 07:49

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 00:42	PDR	TAL PLS
Total/NA	Prep	3546			158369	04/29/14 18:03	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	158411	04/30/14 14:20	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158560	05/02/14 10:54	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 14:35	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158561	05/02/14 13:53	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:24	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 20:54	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 11:45	EFH	TAL PLS

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-3' EVELYN

Lab Sample ID: 720-57003-5

Date Collected: 04/25/14 08:00

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 01:12	PDR	TAL PLS
Total/NA	Prep	3546			158369	04/29/14 18:03	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	158411	04/30/14 16:16	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158560	05/02/14 11:19	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 14:53	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158561	05/02/14 14:10	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:37	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 21:09	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 11:48	EFH	TAL PLS

Client Sample ID: PS-3-8' EVELYN

Lab Sample ID: 720-57003-6

Date Collected: 04/25/14 08:05

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 01:41	PDR	TAL PLS
Total/NA	Prep	3546			158369	04/29/14 18:03	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	158411	04/30/14 15:06	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158560	05/02/14 11:43	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 15:11	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158563	05/02/14 12:30	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:41	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 21:13	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 11:55	EFH	TAL PLS

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-1.5' EVELYN

Lab Sample ID: 720-57003-7

Date Collected: 04/25/14 08:10

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 02:10	PDR	TAL PLS
Total/NA	Prep	3546			158369	04/29/14 18:03	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	158411	04/30/14 15:30	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158560	05/02/14 12:07	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 15:29	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158563	05/02/14 12:47	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:45	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 21:18	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 11:58	EFH	TAL PLS

Client Sample ID: PS-4-7' EVELYN

Lab Sample ID: 720-57003-8

Date Collected: 04/25/14 08:14

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 02:39	PDR	TAL PLS
Total/NA	Prep	3546			158369	04/29/14 18:03	DFR	TAL PLS
Total/NA	Analysis	8270C SIM		1	158411	04/30/14 15:53	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158571	05/02/14 18:54	DCH	TAL PLS
Total/NA	Prep	3546			158637	05/03/14 09:12	JRM	TAL PLS
Total/NA	Analysis	8081A		1	158646	05/03/14 22:19	JZT	TAL PLS
Total/NA	Prep	3546			158638	05/03/14 09:15	JRM	TAL PLS
Total/NA	Analysis	8082		1	158635	05/03/14 14:52	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:49	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 21:23	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:00	EFH	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-1-1' EVELYN/MARSHALL

Lab Sample ID: 720-57003-9

Date Collected: 04/25/14 08:41

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 03:09	PDR	TAL PLS
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS
Total/NA	Analysis	8270C SIM		1	158492	05/01/14 20:58	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158571	05/02/14 19:23	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 16:05	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158563	05/02/14 13:20	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:54	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 21:28	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:02	EFH	TAL PLS

Client Sample ID: PS-2-3' EVELYN/MARSHALL

Lab Sample ID: 720-57003-10

Date Collected: 04/25/14 08:48

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 03:38	PDR	TAL PLS
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS
Total/NA	Analysis	8270C SIM		1	158492	05/01/14 20:34	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158571	05/02/14 19:53	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 16:23	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158563	05/02/14 13:37	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 20:58	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 21:33	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:05	EFH	TAL PLS

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-2-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-11

Date Collected: 04/25/14 08:50

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 04:06	PDR	TAL PLS
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS
Total/NA	Analysis	8270C SIM		1	158492	05/01/14 21:21	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158571	05/02/14 20:22	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 16:42	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158563	05/02/14 13:53	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 21:02	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 21:38	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:08	EFH	TAL PLS

Client Sample ID: PS-3-4.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-12

Date Collected: 04/25/14 09:00

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 04:35	PDR	TAL PLS
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS
Total/NA	Analysis	8270C SIM		1	158492	05/01/14 21:45	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158572	05/02/14 18:54	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 17:00	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158563	05/02/14 14:10	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 21:07	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 21:43	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:10	EFH	TAL PLS

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-3-12' EVELYN/MARSHALL

Lab Sample ID: 720-57003-13

Date Collected: 04/25/14 09:09

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 05:05	PDR	TAL PLS
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS
Total/NA	Analysis	8270C SIM		1	158492	05/01/14 22:09	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158572	05/02/14 19:23	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 17:18	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158563	05/02/14 14:27	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		2	158564	05/01/14 21:48	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:12	EFH	TAL PLS

Client Sample ID: PS-4-2' EVELYN/MARSHALL

Lab Sample ID: 720-57003-14

Date Collected: 04/25/14 09:20

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 05:34	PDR	TAL PLS
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS
Total/NA	Analysis	8270C SIM		1	158492	05/01/14 22:32	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158495	05/01/14 14:54	CJG	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158572	05/02/14 20:51	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 17:36	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158563	05/02/14 14:43	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		2	158564	05/01/14 21:52	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:15	EFH	TAL PLS

Client Sample ID: PS-4-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-15

Date Collected: 04/25/14 09:25

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 06:03	PDR	TAL PLS
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-4-8' EVELYN/MARSHALL

Lab Sample ID: 720-57003-15

Date Collected: 04/25/14 09:25

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270C SIM		1	158492	05/01/14 22:56	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158532	05/01/14 19:09	DFR	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158571	05/02/14 20:51	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 17:53	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158563	05/02/14 15:00	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 21:28	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 22:08	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:17	EFH	TAL PLS

Client Sample ID: PS-5-2.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-16

Date Collected: 04/25/14 09:30

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158177	04/25/14 21:06	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158142	04/26/14 06:32	PDR	TAL PLS
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS
Total/NA	Analysis	8270C SIM		1	158492	05/01/14 23:19	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158532	05/01/14 19:09	DFR	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158571	05/02/14 21:20	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 18:11	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158561	05/02/14 17:55	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 21:33	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 22:13	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:24	EFH	TAL PLS

Client Sample ID: PS-5-7' EVELYN/MARSHALL

Lab Sample ID: 720-57003-17

Date Collected: 04/25/14 09:34

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158176	04/25/14 20:45	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158145	04/26/14 05:47	ASC	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Client Sample ID: PS-5-7' EVELYN/MARSHALL

Lab Sample ID: 720-57003-17

Date Collected: 04/25/14 09:34

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS
Total/NA	Analysis	8270C SIM		1	158492	05/01/14 23:43	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158578	05/02/14 10:27	STL	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158572	05/02/14 23:47	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 18:29	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158561	05/02/14 18:12	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 21:37	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 22:17	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:27	EFH	TAL PLS

Client Sample ID: PS-6-1.5' EVELYN/MARSHALL

Lab Sample ID: 720-57003-18

Date Collected: 04/25/14 09:38

Matrix: Solid

Date Received: 04/25/14 12:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			158176	04/25/14 20:45	LPL	TAL PLS
Total/NA	Analysis	8260B		1	158145	04/25/14 23:34	ASC	TAL PLS
Total/NA	Prep	3546			158450	04/30/14 17:43	STL	TAL PLS
Total/NA	Analysis	8270C SIM		1	158492	05/02/14 00:06	MQL	TAL PLS
Silica Gel Cleanup	Prep	3546			158532	05/01/14 19:09	DFR	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	158572	05/02/14 20:22	DCH	TAL PLS
Total/NA	Prep	3546			158518	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8081A		1	158575	05/02/14 18:47	JZT	TAL PLS
Total/NA	Prep	3546			158519	05/01/14 16:02	AFM	TAL PLS
Total/NA	Analysis	8082		1	158561	05/02/14 18:28	JZT	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158465	04/30/14 21:41	SLK	TAL PLS
Total/NA	Prep	3050B			158330	04/29/14 13:12	JCR	TAL PLS
Total/NA	Analysis	6010B		1	158564	05/01/14 22:23	SLK	TAL PLS
Total/NA	Prep	7471A			158331	04/29/14 13:15	JCR	TAL PLS
Total/NA	Analysis	7471A		1	158423	04/30/14 12:29	EFH	TAL PLS

Laboratory References:

= Asbestos TEM Laboratories, Inc., 630 BANCROFT WAY, Berkeley, CA 94710

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010B	3050B	Solid	Thallium

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Method Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS
8270C SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	TAL PLS
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
8081A	Organochlorine Pesticides (GC)	SW846	TAL PLS
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL PLS
6010B	Metals (ICP)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS
Carb 435	General Sub Contract Method	NONE	

Protocol References:

NONE = NONE

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

= Asbestos TEM Laboratories, Inc., 630 BANCROFT WAY, Berkeley, CA 94710

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

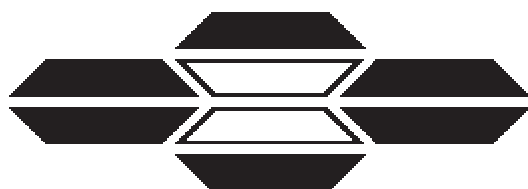
Sample Summary

Client: Pacific States Environmental
Project/Site: Evelyn Ironworks

TestAmerica Job ID: 720-57003-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-57003-1	PS-1-1' EVELYN	Solid	04/25/14 07:39	04/25/14 12:20
720-57003-2	PS-1-5' EVELYN	Solid	04/25/14 07:40	04/25/14 12:20
720-57003-3	PS-2-2' EVELYN	Solid	04/25/14 07:47	04/25/14 12:20
720-57003-4	PS-2-12' EVELYN	Solid	04/25/14 07:49	04/25/14 12:20
720-57003-5	PS-3-3' EVELYN	Solid	04/25/14 08:00	04/25/14 12:20
720-57003-6	PS-3-8' EVELYN	Solid	04/25/14 08:05	04/25/14 12:20
720-57003-7	PS-4-1.5' EVELYN	Solid	04/25/14 08:10	04/25/14 12:20
720-57003-8	PS-4-7' EVELYN	Solid	04/25/14 08:14	04/25/14 12:20
720-57003-9	PS-1-1' EVELYN/MARSHALL	Solid	04/25/14 08:41	04/25/14 12:20
720-57003-10	PS-2-3' EVELYN/MARSHALL	Solid	04/25/14 08:48	04/25/14 12:20
720-57003-11	PS-2-8' EVELYN/MARSHALL	Solid	04/25/14 08:50	04/25/14 12:20
720-57003-12	PS-3-4.5' EVELYN/MARSHALL	Solid	04/25/14 09:00	04/25/14 12:20
720-57003-13	PS-3-12' EVELYN/MARSHALL	Solid	04/25/14 09:09	04/25/14 12:20
720-57003-14	PS-4-2' EVELYN/MARSHALL	Solid	04/25/14 09:20	04/25/14 12:20
720-57003-15	PS-4-8' EVELYN/MARSHALL	Solid	04/25/14 09:25	04/25/14 12:20
720-57003-16	PS-5-2.5' EVELYN/MARSHALL	Solid	04/25/14 09:30	04/25/14 12:20
720-57003-17	PS-5-7' EVELYN/MARSHALL	Solid	04/25/14 09:34	04/25/14 12:20
720-57003-18	PS-6-1.5' EVELYN/MARSHALL	Solid	04/25/14 09:38	04/25/14 12:20

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ASBESTOS TEM LABORATORIES, INC.

CARB Method 435 Polarized Light Microscopy Analytical Report

Laboratory Job # 1283-00321

630 Bancroft Way
Berkeley, CA 94710
(510) 704-8930
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ASBESTOS TEM LABORATORIES, INC

CA DPH ELAP
Lab No. 1866



NVLAP Lab Code: 101891-0
Berkeley, CA

Apr/30/2014

Dimple Sharma
TestAmerica Laboratories, Inc.
1220 Quarry Lane
Pleasanton, CA 94566

RE: LABORATORY JOB # 1283-00321
Polarized light microscopy analytical results for 6 bulk sample(s).
Job Site: 720-57003-1
Job No.: Evelyn Ironworks

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with the California Air Resources Board (ARB) Method 435 for the determination of asbestos in serpentine aggregate samples.

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Sample preparation follows a standard CARB 435 prep method. The entire sample is dried at 135-150 C and then crushed to ~3/8" gravel size using a Bico Chipmunk crusher. If the submitted sample is >1 pint, the sample was split using a 1/2" riffle splitter following ASTM Method C-702-98 to obtain a 1 pint aliquot. The entire 1 pint aliquot, or entire original sample, is then pulverized in a Bico Braun disc pulverizer calibrated to produce a nominal 200 mesh final product. If necessary, additional homogenization steps are undertaken using a 3/8" riffle splitter. Small aliquots are collected from throughout the pulverized material to create three separate microscope slide mounts containing the appropriate refractive index oil. The prepared slides are placed under a polarizing light microscope where standard mineralogical techniques are used to analyze the various materials present, including asbestos. If asbestos is identified and of less than 10% concentration by visual area estimate then an additional five sample mounts are prepared. Quantification of asbestos concentration is obtained using the standard CAL ARB Method 435 point count protocol. For samples observed to contain visible asbestos of less than 10% concentration, a point counting technique is used with 50 points counted on each of eight sample mounts for a total of 400 points. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

While the CARB 435 method has much to commend it, there are a number of situations where it fails to provide sufficient accuracy to make a definitive determination of the presence/absence of asbestos and/or an accurate count of the asbestos concentration present in a given sample. These problems include, but are not limited to, 1) statistical uncertainty with samples containing <1% asbestos when too few particles are counted, 2) definitive identification and discrimination between various fibrous amphibole minerals such as tremolite/actinolite/hornblende and the "Libby amphiboles" such as tremolite/winchite/richterite/arfvedsonite, and C) small asbestiform fibers which are near or below the resolution limit of the PLM microscope such as those found in various California coast range serpentine bodies. In these cases, further analysis by transmission electron microscopy is recommended to obtain a more accurate result.

Sincerely Yours,

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, without the approval of the laboratory. ---

630 BANCROFT WAY • BERKELEY, CA 94710 • PH. (510) 704-8930 • FAX (510) 704-8429

With Branch Offices Located At: 1350 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431

POLARIZED LIGHT MICROSCOPY CARB 435 ANALYTICAL REPORT

Contact: Dimple Sharma	Samples Submitted: 6	Report No. 325552
Address: TestAmerica Laboratories, Inc. 1220 Quarry Lane Pleasanton, CA 94566	Samples Analyzed: 6	Date Submitted: Apr-25-14
	Job Site / No. Evelyn Ironworks 720-57003-1	Date Reported: Apr-30-14

SAMPLE ID	POINTS COUNTED	ASBESTOS		LOCATION / DESCRIPTION
		%	TYPE	
720-57003-1		<0.25%	None Detected	PS-1-1' EVELYN
Lab ID # 1283-00321-001	400 - Total Points			No Asbestos Detected - No Point Count Performed - ARB Exception I
720-57003-2		<0.25%	None Detected	PS-1-5' EVELYN
Lab ID # 1283-00321-002	400 - Total Points			No Asbestos Detected - No Point Count Performed - ARB Exception I
720-57003-4		<0.25%	None Detected	PS-2-12' EVELYN
Lab ID # 1283-00321-003	400 - Total Points			No Asbestos Detected - No Point Count Performed - ARB Exception I
720-57003-5		<0.25%	None Detected	PS-3-3' EVELYN
Lab ID # 1283-00321-004	400 - Total Points			No Asbestos Detected - No Point Count Performed - ARB Exception I
720-57003-6		<0.25%	None Detected	PS-3-8' EVELYN
Lab ID # 1283-00321-005	400 - Total Points			No Asbestos Detected - No Point Count Performed - ARB Exception I
720-57003-8		<0.25%	None Detected	PS-4-7' EVELYN
Lab ID # 1283-00321-006	400 - Total Points			No Asbestos Detected - No Point Count Performed - ARB Exception I
Lab ID #	- Total Points			
Lab ID #	- Total Points			
Lab ID #	- Total Points			
Lab ID #	- Total Points			





QC Reviewer 

Analyst 

TestAmerica Pleasanton
 1220 Quarry Lane
 Pleasanton, CA 94566
 Phone (925) 484-1919 Fax (925) 600-3002

Chain of Custody Record

TestAmerica
 THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab) Client Contact:  Shipping/Receiving Company:  Address: 630 BANCROFT WAY, Berkeley State, Zip: CA, 94710 Phone: Email:		Lab PM: Sharma, Dimple E-Mail: dimple.sharma@testamericainc.com Carrier Tracking No(s): Lab No: 720-20902.1 Page: Page 1 of 1 Job #: 720-57003-1		
Due Date Requested: 5/1/2014 TAT Requested (days): PO #: WO #: Project #: 72005601 SSOV#:		Analysis Requested SUB (Carb 435)/ Carb 435 Field Filtered Sample (Yes or No) Perform HSMOYs Total Number of Containers		
Sample Identification - Client ID (Lab ID) PS-1-1' EVELYN (720-57003-1) PS-1-5' EVELYN (720-57003-2) PS-2-12' EVELYN (720-57003-4) PS-3-3' EVELYN (720-57003-5) PS-3-8' EVELYN (720-57003-6) PS-4-7' EVELYN (720-57003-8)	Sample Date 4/25/14 4/25/14 4/25/14 4/25/14 4/25/14 4/25/14	Sample Time 07:39 Pacific 07:40 Pacific 07:49 Pacific 08:00 Pacific 08:05 Pacific 08:14 Pacific	Sample Type (C=comp, G=grab) Preservation Code: Matrix (W=water, S=solid, O=soil, A=air) Solid Solid Solid Solid Solid Solid	Special Instructions/Note: Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 X - EDTA Y - EDA Z - other (specify)
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months		
Empty Kit Relinquishing by: Relinquished by:  Relinquished by:  Relinquished by:		Method of Shipment: Date/Time: 4-25-14 1430 Date/Time: 04-25-14 10:23:34 Date/Time:		
Custody Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		




Chain of Custody Record

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720-57003

Pacific States
ENVIRONMENTAL CONTRACTORS, INC.

153 333

Company: Pacific States Environmental Contractors 11555 Dublin Blvd Dublin, CA Phone: 925-803-4333 Fax: 925-803-4334 Project Manager: Bryan Brasenco Phone: 925-785-9959 E-Mail: bbrasenco@pacificstates.net		Project Name: Evelyn Ironworks Project Location: Sunnyvale PO/Job #: 613102		Sampled By: Bryan Brasenco Signature: <i>Bryan Brasenco</i> Date: 4/25/14		Report To: Bryan Evans E-mail (Preferred Delivery): Bevans@pacificstates.net Bbrasenco@pacificstates.net Phone: 925-361-1426 Fax: 925-803-4334			
Sample Identification PS-1-1' Evelyn -1-5' -2-2' -2-12' -3-3' -3-8' -4-1.5' -4-7' PS-1-1' Evelyn/Marshall PS-2-3' -2-8' PS-3-4.5'		Sample Date 4/25 Sample Time 7:39 7:40 7:47 7:49 8:00 8:05 8:10 8:19 8:41 8:48 8:50 9:00		# of Containers 2 Preservative IIR		Matrix Groundwater Wastewater Drinking Water Sludge Soil Other		Filtered Sample <input checked="" type="checkbox"/> VOC w/GRO (EPA 8260) <input checked="" type="checkbox"/> TPH DRO and Motor Oil (EPA 8015B) <input checked="" type="checkbox"/> w/Silica Gel Cleanup (EPA 3630M) <input checked="" type="checkbox"/> Pesticides (EPA 8081A) <input checked="" type="checkbox"/> PCB's (EPA 8082) <input checked="" type="checkbox"/> SVOC (EPA 8270C) <input checked="" type="checkbox"/> CAM 17 (EPA 6010B) <input checked="" type="checkbox"/> Asbestos Carb 435 <input checked="" type="checkbox"/> PH (EPA 9040) <input checked="" type="checkbox"/> PAH (EPA 8270C SIM) SIM list Only	
Preservatives: Ice, HCl, H2SO4, HNO3, NaOH Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		Special Instructions/QC Requirements & Comments: Turn Around Time <input checked="" type="checkbox"/> 5 Days (standard) <input type="checkbox"/> 72 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Other _____ Laboratory Comments: Temperature: 4.7°C		Barcode: 720-57003 Chain of Custody 		Handwritten Notes: PS-1-PS-4 Evelyn Place secondary sample for use with Carb 435 Do Not SwiP surface Sample Specific Notes: Sample with			
Relinquished by: <i>Bryan Brasenco</i> Relinquished by: <i>PSec</i> Relinquished by: _____		Company: PSec Company: _____ Company: _____		Date: 4/25/14 Date: _____ Date: 4-25-14		Time: 1220 Time: _____ Time: 1220			

Chain of Custody Record

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720-57003

Pacific States ENVIRONMENTAL CONTRACTORS, INC. (53333)

Company: Pacific States Environmental Contractors 11555 Dublin Blvd Dublin, CA Phone: 925-803-4333 Fax: 925-803-4334		Project Name: Evelyn Ironworks Sunnyvale 613102		Sampled By: Bryan Brasesco		Report To: Bryan Evans	
Project Manager: Bryan Brasesco Phone: 925-785-9959 E-Mail: bbrasesco@pacifstates.net		Project Location: Sunnyvale PO/Job # 613102		Signature: <i>Bryan Brasesco</i> Date: 4/25/14		E-mail: (Preferred Delivery) B.evans@pacifstates.net bbrasesco@pacifstates.net	
Sample Identification PS-3-12' Fresh in ground PS-4-2' PS-4-8' PS-5-2.5' PS-5-7' PS-6-1.5'		Sample Date 4/25 4:09 4:20 4:25 4:30 4:31 4:38		Sample Time 1:30 1:30 1:30 1:30 1:30 1:30 1:30		# of Containers 1 1 1 1 1 1 1	
Preservative None		Matrix Groundwater Wastewater Drinking Water Sludge Soil Other		Filtered Sample VOC w/GRO (EPA 8260) XXXXX TPH DRO and Motor Oil (EPA 8015B) XXXXX w/Silica Gel Cleanup (EPA 3630M) XXXXX Pesticides (EPA 8081A) XXXXX PCB's (EPA 8082) XXXXX SVOC (EPA 8270C) XXXXX CAM 17 (EPA 6010B) XXXXX Asbestos XXXXX Pb (EPA 9040) XXXXX PAH (EPA 8270C SIM) SIM list Only XXXXX		Sample Specific Notes:	
Preservatives: Ice, HCl, H2SO4, HNO3, NaOH Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		Special Instructions/QC Requirements & Comments:		Laboratory Comments: X5 Days (standard) <input type="checkbox"/> 72 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Other _____ Turn Around Time: 4.7c		Temperature:	
Relinquished by: <i>Bryan Brasesco</i> Company: PSEC Date: 4/25/14 Time: 12:20		Received by: <i>John Walker</i> Company: <i>test firm</i> Date: 4-25-14 Time: 12:20		Relinquished by: _____ Company: _____ Date: _____ Time: _____		Received by: _____ Company: _____ Date: _____ Time: _____	

Login Sample Receipt Checklist

Client: Pacific States Environmental

Job Number: 720-57003-1

Login Number: 57003

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

