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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 259748
ANALYTICAL REPORT

Ninyo & Moore
1956 Webster St.
Oakland, CA 94612

Project : 402268001
Location : Alameda UST
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
B1-3.0	259748-001
B1-6.0	259748-002
B2-3.0	259748-003
B2-5.0	259748-004
B1-GW	259748-005
B3-3.0	259748-006
B3-4.5	259748-007

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Date: 08/21/2014

Will S Rice
Project Manager
will.rice@ctberk.com

CASE NARRATIVE

Laboratory number: 259748
Client: Ninyo & Moore
Project: 402268001
Location: Alameda UST
Request Date: 08/12/14
Samples Received: 08/12/14

This data package contains sample and QC results for six soil samples and one water sample, requested for the above referenced project on 08/12/14. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Water:

No analytical problems were encountered.

TPH-Purgeables and/or BTXE by GC (EPA 8015B) Soil:

Low recoveries were observed for gasoline C7-C12 in the MS/MSD of B1-3.0 (lab # 259748-001); the LCS was within limits, and the associated RPD was within limits. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Water:

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B) Soil:

B1-3.0 (lab # 259748-001) and B2-5.0 (lab # 259748-004) were diluted due to the dark and viscous nature of the sample extracts. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:

High surrogate recoveries were observed for 1,2-dichloroethane-d4 in B1-6.0 (lab # 259748-002) and the MS/MSD for batch 214385. No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM) Water:

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM) Soil:

B1-3.0 (lab # 259748-001) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

PCBs (EPA 8082):

All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. Matrix spikes QC753392, QC753393 (batch 214355) were not reported because the parent sample required a dilution that would have diluted out the spikes. Low surrogate recovery was observed for TCMX in B1-3.0 (lab # 259748-001); the

CASE NARRATIVE

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Request Date: 08/12/14
Samples Received: 08/12/14

PCBs (EPA 8082):

corresponding decachlorobiphenyl surrogate recovery was within limits. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

Low recovery was observed for nickel in the MS for batch 214420; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits. High recovery was observed for lead in the MSD for batch 214420; the BS/BSD were within limits, and the associated RPD was within limits. No other analytical problems were encountered.

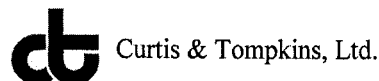
Total Oil & Grease (HEM) (EPA 1664A):

Matrix spikes were not performed for this analysis due to insufficient sample volume. No analytical problems were encountered.

Oil & Grease in Soil (EPA 9070):

Cal Science in Garden Grove, CA performed the analysis (NELAP certified). Please see the Cal Science case narrative.

COOLER RECEIPT CHECKLIST



Login # 259748 Date Received 8/12/14 Number of coolers 1
 Client Ninyo + Moore Project Alameda UST

Date Opened 8/12 By (print) GV (sign) [Signature]
 Date Logged in 08/12 By (print) MC (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
 Shipping info _____

2A. Were custody seals present? YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? _____ YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe) _____

- Bubble Wrap Foam blocks Bags None
- Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C) _____

Samples received on ice & cold without a temperature blank; temp taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES NO
 If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are there any missing / extra samples? _____ YES NO

11. Are samples in the appropriate containers for indicated tests? YES NO

12. Are sample labels present, in good condition and complete? YES NO

13. Do the sample labels agree with custody papers? YES NO

14. Was sufficient amount of sample sent for tests requested? YES NO

15. Are the samples appropriately preserved? YES NO N/A

16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A

17. Did you document your preservative check? _____ YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? YES NO N/A

21. Was the client contacted concerning this sample delivery? _____ YES NO
 If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Detections Summary for 259748

Results for any subcontracted analyses are not included in this summary.

Client : Ninyo & Moore
 Project : 402268001
 Location : Alameda UST

Client Sample ID : B1-3.0

Laboratory Sample ID :

259748-001

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	410		5.0	1.5	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Arsenic	2.9		0.24	0.080	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	56		0.24	0.047	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.22		0.096	0.018	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.43		0.24	0.015	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	38		0.24	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	5.7		0.24	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	18		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	14		0.24	0.070	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.028		0.017	0.00096	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	25		0.24	0.065	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	31		0.24	0.024	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	170		0.96	0.094	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B1-6.0

Laboratory Sample ID :

259748-002

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Arsenic	0.98		0.23	0.075	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	52		0.23	0.044	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.23		0.091	0.017	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	41		0.23	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	4.7		0.23	0.018	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	6.5		0.24	0.079	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	2.5		0.23	0.066	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	29		0.23	0.062	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	27		0.23	0.022	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	19		0.91	0.089	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B2-3.0

Laboratory Sample ID :

259748-003

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Arsenic	1.7		0.25	0.083	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	52		0.25	0.049	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.21		0.10	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	40		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	4.0		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	5.9		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	2.1		0.25	0.073	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	23		0.25	0.068	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	29		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	16		1.0	0.098	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B2-5.0

Laboratory Sample ID :

259748-004

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	65	Y	5.0	1.5	mg/Kg	As Recd	5.000	EPA 8015B	EPA 3550B
Arsenic	1.9		0.25	0.081	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	56		0.25	0.048	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.22		0.098	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	32		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	5.8		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	22		0.25	0.085	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	12		0.25	0.072	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.061		0.017	0.00095	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	21		0.25	0.066	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	36		0.25	0.024	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	43		0.98	0.096	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B1-GW

Laboratory Sample ID :

259748-005

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1,200		50	16	ug/L	As Recd	1.000	EPA 8015B	EPA 3520C

Client Sample ID : B3-3.0

Laboratory Sample ID :

259748-006

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Arsenic	1.4		0.24	0.081	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	58		0.24	0.047	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.26		0.097	0.018	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	47		0.24	0.020	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	4.7		0.24	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	6.4		0.25	0.084	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	2.7		0.24	0.071	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	33		0.24	0.066	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	31		0.24	0.024	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	21		0.97	0.095	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Client Sample ID : B3-4.5

Laboratory Sample ID :

259748-007

Analyte	Result	Flags	RL	MDL	Units	Basis	IDF	Method	Prep Method
Arsenic	2.1		0.25	0.082	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	61		0.25	0.048	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.29		0.099	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cadmium	0.25		0.25	0.016	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	52		0.25	0.021	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	4.4		0.25	0.019	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	12		0.26	0.086	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	3.4		0.25	0.072	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Nickel	38		0.25	0.067	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	34		0.25	0.025	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	25		0.99	0.097	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Y = Sample exhibits chromatographic pattern which does not resemble standard

Total Volatile Hydrocarbons			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8015B
Field ID:	B1-GW	Batch#:	214457
Matrix:	Water	Sampled:	08/12/14
Units:	ug/L	Received:	08/12/14
Diln Fac:	1.000	Analyzed:	08/16/14

Type: SAMPLE Lab ID: 259748-005

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	77-128

Type: BLANK Lab ID: QC753794

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	77-128

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC753793	Batch#:	214457
Matrix:	Water	Analyzed:	08/16/14
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	931.0	93	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	77-128

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	214457
MSS Lab ID:	259897-001	Sampled:	08/15/14
Matrix:	Water	Received:	08/15/14
Units:	ug/L	Analyzed:	08/16/14
Diln Fac:	1.000		

Type: MS Lab ID: QC753823

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	83.32	2,000	1,880	90	74-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	77-128

Type: MSD Lab ID: QC753824

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,896	91	74-120	1	27

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	77-128

RPD= Relative Percent Difference

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC753336	Batch#:	214343
Matrix:	Soil	Analyzed:	08/13/14
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9320	93	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	85	67-137

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8015B
Field ID:	B1-3.0	Diln Fac:	1.000
MSS Lab ID:	259748-001	Batch#:	214343
Matrix:	Soil	Sampled:	08/12/14
Units:	mg/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/14/14

Type: MS Lab ID: QC753348

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1882	9.434	3.223	32 *	42-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	67-137

Type: MSD Lab ID: QC753349

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.346	2.962	30 *	42-120	8	44

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	109	67-137

*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Total Extractable Hydrocarbons			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3520C
Project#:	402268001	Analysis:	EPA 8015B
Field ID:	B1-GW	Batch#:	214326
Matrix:	Water	Sampled:	08/12/14
Units:	ug/L	Received:	08/12/14
Diln Fac:	1.000		

Type: SAMPLE Prepared: 08/13/14
 Lab ID: 259748-005 Analyzed: 08/14/14

Analyte	Result	RL
Diesel C10-C24	1,200	50

Surrogate	%REC	Limits
o-Terphenyl	105	66-129

Type: BLANK Prepared: 08/12/14
 Lab ID: QC753279 Analyzed: 08/13/14

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	104	66-129

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3520C
Project#:	402268001	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	214326
Units:	ug/L	Prepared:	08/12/14
Diln Fac:	1.000	Analyzed:	08/13/14

Type: BS Lab ID: QC753280

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,418	97	61-120

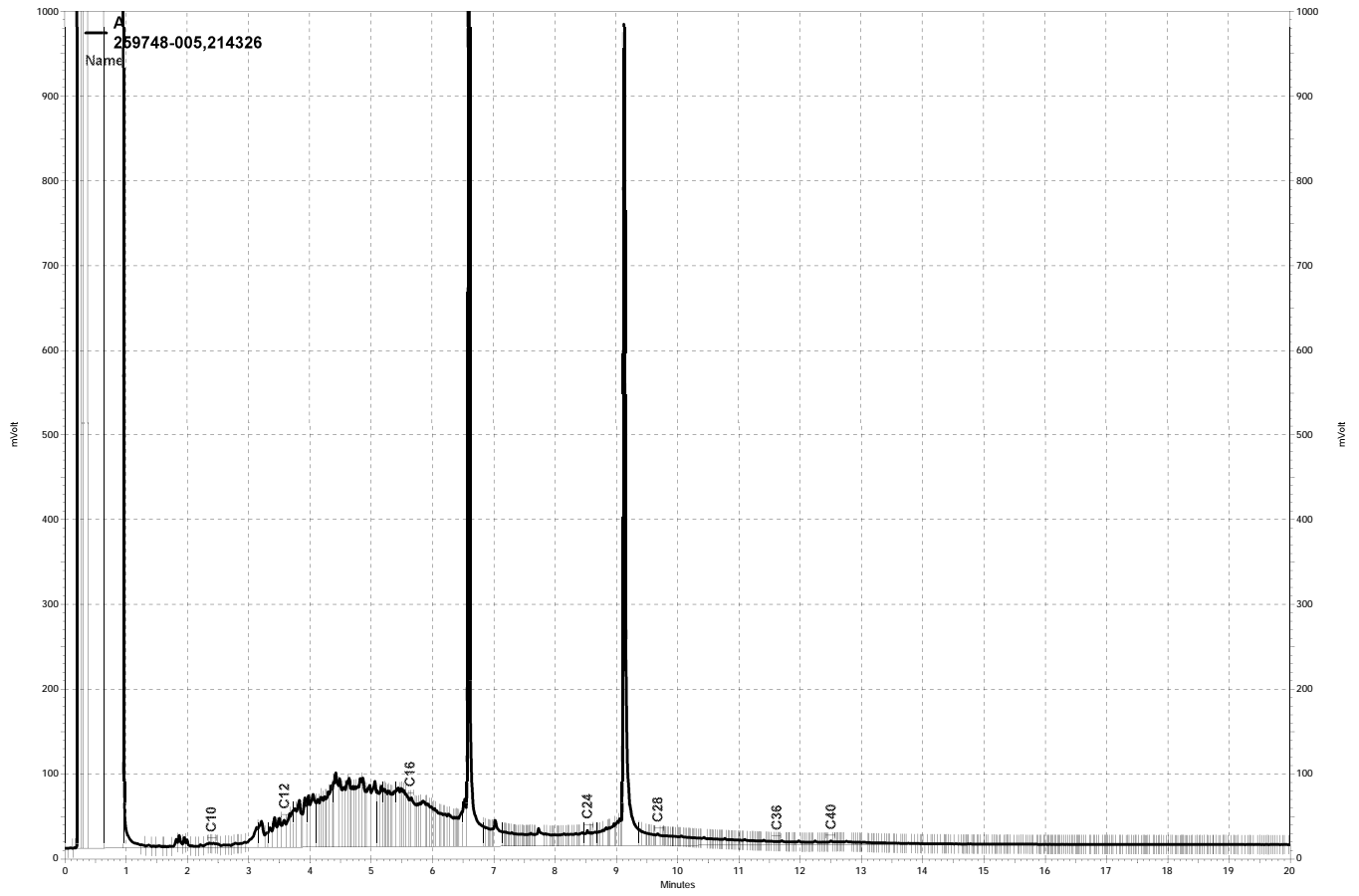
Surrogate	%REC	Limits
o-Terphenyl	108	66-129

Type: BSD Lab ID: QC753281

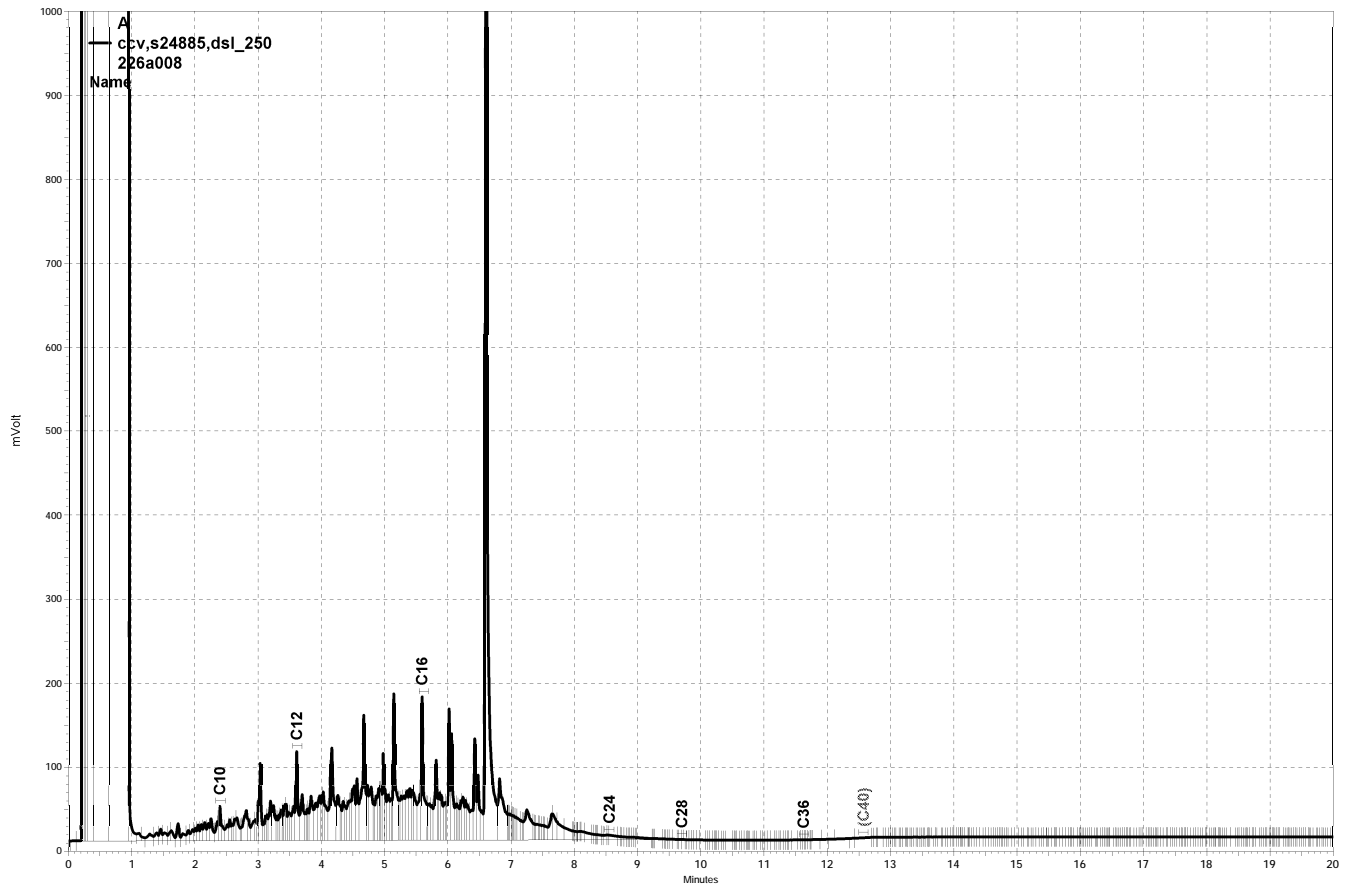
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,258	90	61-120	7	45

Surrogate	%REC	Limits
o-Terphenyl	103	66-129

RPD= Relative Percent Difference



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Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	402268001	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC753421	Batch#:	214364
Matrix:	Soil	Prepared:	08/13/14
Units:	mg/Kg	Analyzed:	08/14/14

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.13	43.59	87	61-132

Surrogate	%REC	Limits
o-Terphenyl	98	64-136

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	402268001	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	214364
MSS Lab ID:	259652-012	Sampled:	08/07/14
Matrix:	Soil	Received:	08/07/14
Units:	mg/Kg	Prepared:	08/13/14
Basis:	as received	Analyzed:	08/14/14
Diln Fac:	20.00		

Type: MS Lab ID: QC753422

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	31.92	50.16	69.37	75	40-146

Surrogate	%REC	Limits
o-Terphenyl	DO	64-136

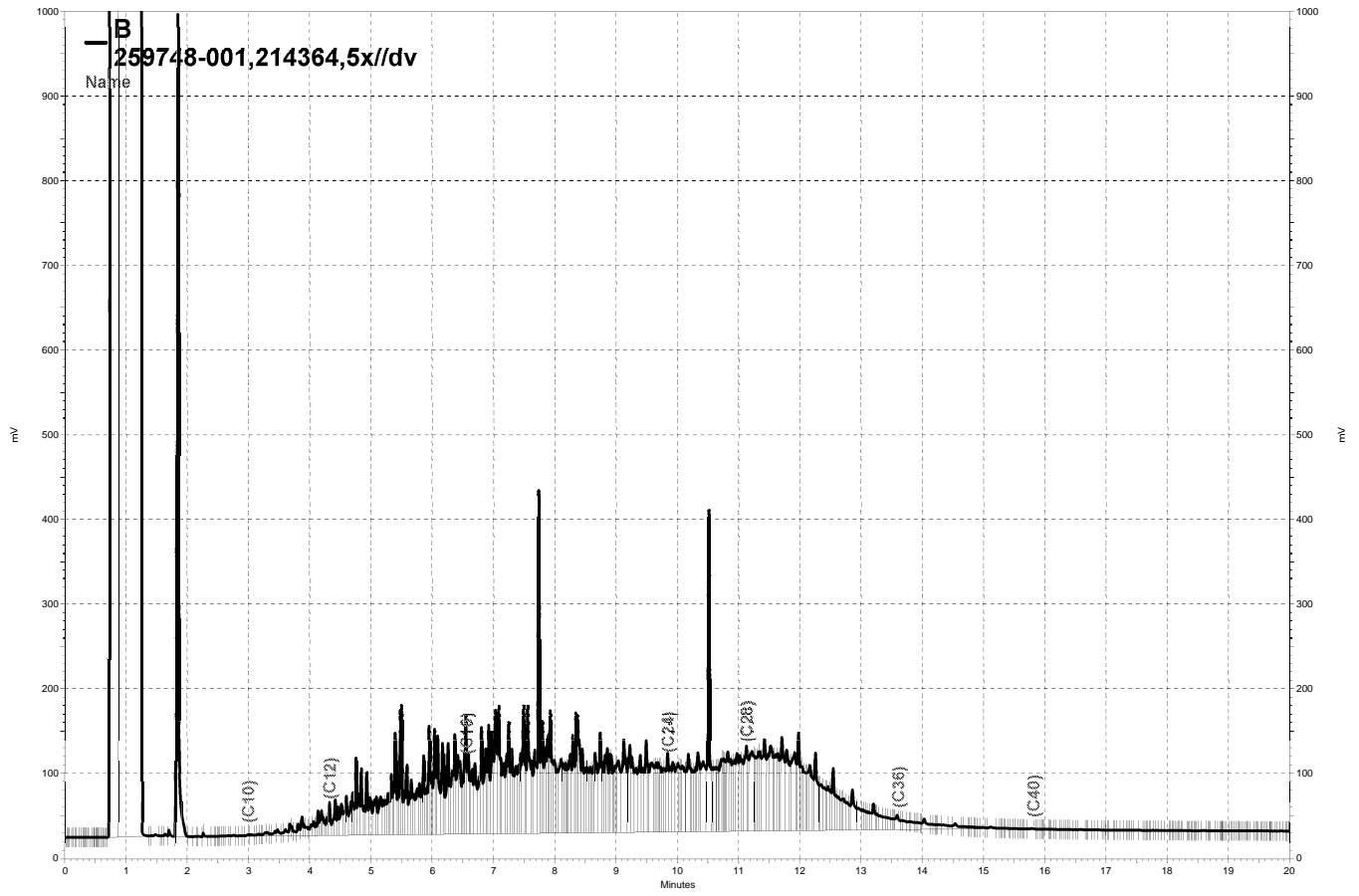
Type: MSD Lab ID: QC753423

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.61	57.18	51	40-146	19	56

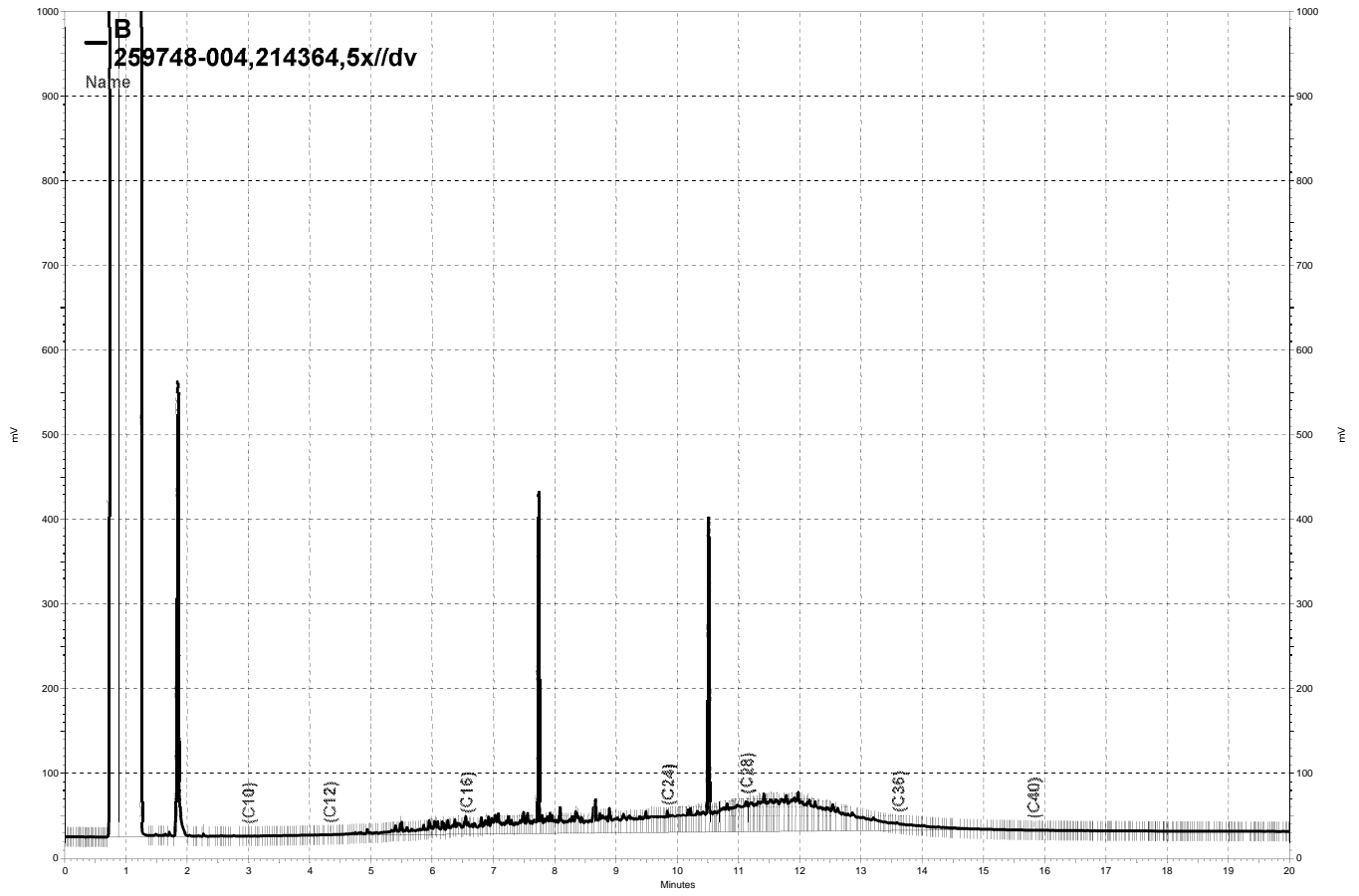
Surrogate	%REC	Limits
o-Terphenyl	DO	64-136

DO= Diluted Out

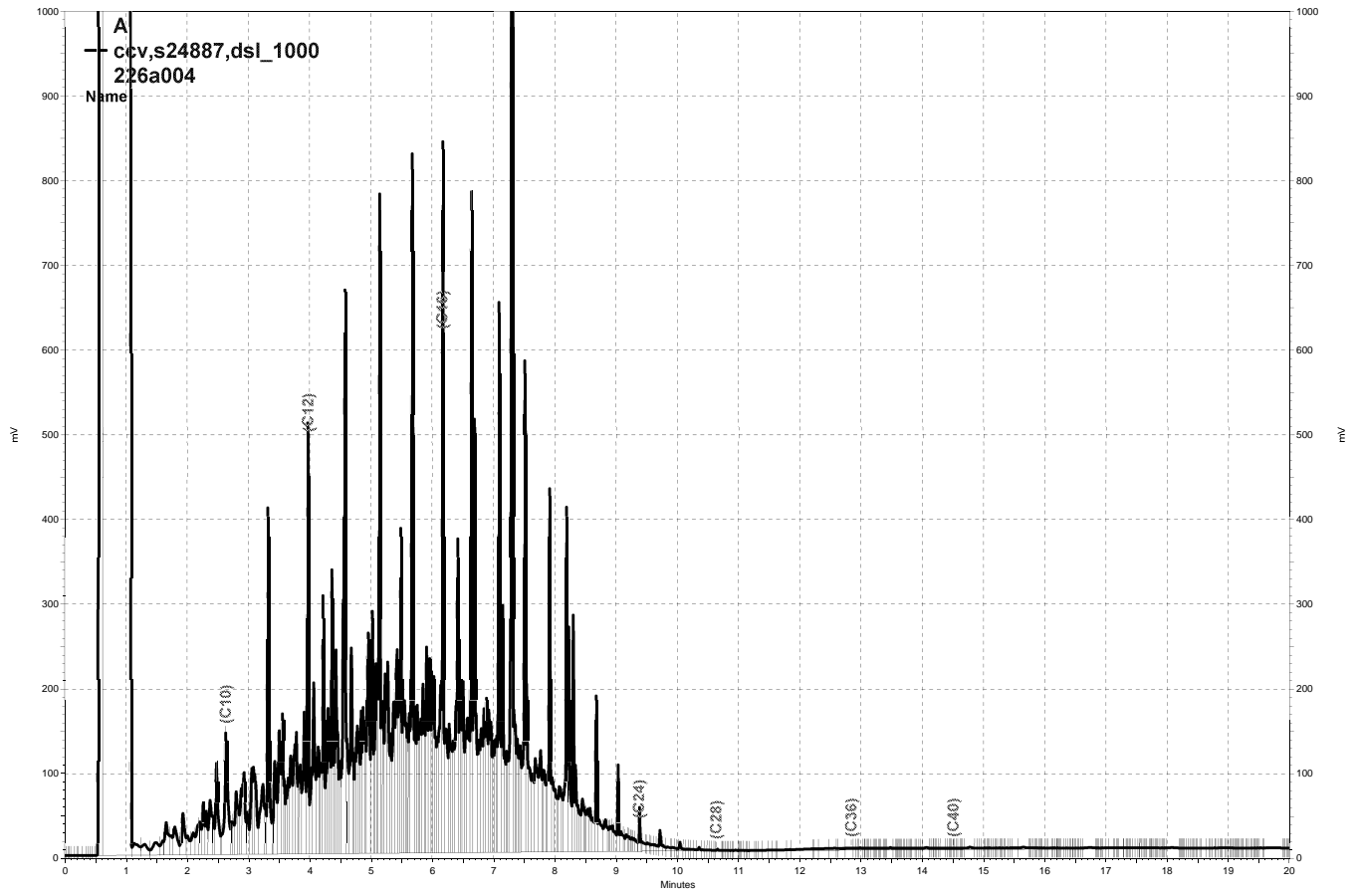
RPD= Relative Percent Difference



— \\Lims\gdrive\ezchrom\Projects\GC14B\Data\226b010, B



\\Lims\gdrive\ezchrom\Projects\GC14B\Data\226b016, B



— \\Lims\gdrive\ezchrom\Projects\GC17A\Data\226a004, A

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B1-GW	Batch#:	214377
Lab ID:	259748-005	Sampled:	08/12/14
Matrix:	Water	Received:	08/12/14
Units:	ug/L	Analyzed:	08/14/14
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B1-GW	Batch#:	214377
Lab ID:	259748-005	Sampled:	08/12/14
Matrix:	Water	Received:	08/12/14
Units:	ug/L	Analyzed:	08/14/14
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	77-136
1,2-Dichloroethane-d4	116	75-139
Toluene-d8	106	80-120
Bromofluorobenzene	92	80-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	214377
Units:	ug/L	Analyzed:	08/14/14
Diln Fac:	1.000		

Type: BS Lab ID: QC753463

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	21.62	86	65-134
Benzene	25.00	23.95	96	80-124
Trichloroethene	25.00	23.35	93	80-120
Toluene	25.00	23.44	94	80-122
Chlorobenzene	25.00	24.53	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	96	77-136
1,2-Dichloroethane-d4	116	75-139
Toluene-d8	104	80-120
Bromofluorobenzene	92	80-120

Type: BSD Lab ID: QC753464

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	24.16	97	65-134	11	20
Benzene	25.00	26.11	104	80-124	9	20
Trichloroethene	25.00	25.81	103	80-120	10	20
Toluene	25.00	25.28	101	80-122	8	20
Chlorobenzene	25.00	26.79	107	80-120	9	20

Surrogate	%REC	Limits
Dibromofluoromethane	95	77-136
1,2-Dichloroethane-d4	116	75-139
Toluene-d8	105	80-120
Bromofluorobenzene	92	80-120

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC753465	Batch#:	214377
Matrix:	Water	Analyzed:	08/14/14
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC753465	Batch#:	214377
Matrix:	Water	Analyzed:	08/14/14
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	77-136
1,2-Dichloroethane-d4	121	75-139
Toluene-d8	105	80-120
Bromofluorobenzene	97	80-120

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B1-3.0	Diln Fac:	0.9363
Lab ID:	259748-001	Batch#:	214434
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	19
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B1-3.0	Diln Fac:	0.9363
Lab ID:	259748-001	Batch#:	214434
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	97	76-128
1,2-Dichloroethane-d4	109	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	98	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	Bl-6.0	Diln Fac:	0.9901
Lab ID:	259748-002	Batch#:	214385
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
Freon 12	ND	9.9
Chloromethane	ND	9.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Chloroethane	ND	9.9
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B1-6.0	Diln Fac:	0.9901
Lab ID:	259748-002	Batch#:	214385
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	92	76-128
1,2-Dichloroethane-d4	146 *	80-137
Toluene-d8	104	80-120
Bromofluorobenzene	116	79-128

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit
 Page 2 of 2

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B2-3.0	Diln Fac:	0.9671
Lab ID:	259748-003	Batch#:	214434
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
Freon 12	ND	9.7
Chloromethane	ND	9.7
Vinyl Chloride	ND	9.7
Bromomethane	ND	9.7
Chloroethane	ND	9.7
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	ND	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.7
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.7
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.7
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B2-3.0	Diln Fac:	0.9671
Lab ID:	259748-003	Batch#:	214434
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	95	76-128
1,2-Dichloroethane-d4	112	80-137
Toluene-d8	98	80-120
Bromofluorobenzene	100	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B2-5.0	Diln Fac:	0.9141
Lab ID:	259748-004	Batch#:	214434
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
Freon 12	ND	9.1
Chloromethane	ND	9.1
Vinyl Chloride	ND	9.1
Bromomethane	ND	9.1
Chloroethane	ND	9.1
Trichlorofluoromethane	ND	4.6
Acetone	ND	18
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.1
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.1
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.1
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B2-5.0	Diln Fac:	0.9141
Lab ID:	259748-004	Batch#:	214434
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	97	76-128
1,2-Dichloroethane-d4	107	80-137
Toluene-d8	110	80-120
Bromofluorobenzene	101	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B3-3.0	Diln Fac:	0.8977
Lab ID:	259748-006	Batch#:	214434
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
Freon 12	ND	9.0
Chloromethane	ND	9.0
Vinyl Chloride	ND	9.0
Bromomethane	ND	9.0
Chloroethane	ND	9.0
Trichlorofluoromethane	ND	4.5
Acetone	ND	18
Freon 113	ND	4.5
1,1-Dichloroethene	ND	4.5
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.5
MTBE	ND	4.5
trans-1,2-Dichloroethene	ND	4.5
Vinyl Acetate	ND	45
1,1-Dichloroethane	ND	4.5
2-Butanone	ND	9.0
cis-1,2-Dichloroethene	ND	4.5
2,2-Dichloropropane	ND	4.5
Chloroform	ND	4.5
Bromochloromethane	ND	4.5
1,1,1-Trichloroethane	ND	4.5
1,1-Dichloropropene	ND	4.5
Carbon Tetrachloride	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Trichloroethene	ND	4.5
1,2-Dichloropropane	ND	4.5
Bromodichloromethane	ND	4.5
Dibromomethane	ND	4.5
4-Methyl-2-Pentanone	ND	9.0
cis-1,3-Dichloropropene	ND	4.5
Toluene	ND	4.5
trans-1,3-Dichloropropene	ND	4.5
1,1,2-Trichloroethane	ND	4.5
2-Hexanone	ND	9.0
1,3-Dichloropropane	ND	4.5
Tetrachloroethene	ND	4.5

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B3-3.0	Diln Fac:	0.8977
Lab ID:	259748-006	Batch#:	214434
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/15/14

Analyte	Result	RL
Dibromochloromethane	ND	4.5
1,2-Dibromoethane	ND	4.5
Chlorobenzene	ND	4.5
1,1,1,2-Tetrachloroethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5
Styrene	ND	4.5
Bromoform	ND	4.5
Isopropylbenzene	ND	4.5
1,1,2,2-Tetrachloroethane	ND	4.5
1,2,3-Trichloropropane	ND	4.5
Propylbenzene	ND	4.5
Bromobenzene	ND	4.5
1,3,5-Trimethylbenzene	ND	4.5
2-Chlorotoluene	ND	4.5
4-Chlorotoluene	ND	4.5
tert-Butylbenzene	ND	4.5
1,2,4-Trimethylbenzene	ND	4.5
sec-Butylbenzene	ND	4.5
para-Isopropyl Toluene	ND	4.5
1,3-Dichlorobenzene	ND	4.5
1,4-Dichlorobenzene	ND	4.5
n-Butylbenzene	ND	4.5
1,2-Dichlorobenzene	ND	4.5
1,2-Dibromo-3-Chloropropane	ND	4.5
1,2,4-Trichlorobenzene	ND	4.5
Hexachlorobutadiene	ND	4.5
Naphthalene	ND	4.5
1,2,3-Trichlorobenzene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	76-128
1,2-Dichloroethane-d4	111	80-137
Toluene-d8	119	80-120
Bromofluorobenzene	96	79-128

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B3-4.5	Diln Fac:	0.9141
Lab ID:	259748-007	Batch#:	214501
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/18/14

Analyte	Result	RL
Freon 12	ND	9.1
Chloromethane	ND	9.1
Vinyl Chloride	ND	9.1
Bromomethane	ND	9.1
Chloroethane	ND	9.1
Trichlorofluoromethane	ND	4.6
Acetone	ND	18
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	ND	18
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.1
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.1
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.1
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B3-4.5	Diln Fac:	0.9141
Lab ID:	259748-007	Batch#:	214501
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Analyzed:	08/18/14

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	106	76-128
1,2-Dichloroethane-d4	116	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	94	79-128

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC753498	Batch#:	214385
Matrix:	Soil	Analyzed:	08/14/14
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	22.48	90	68-135
Benzene	25.00	23.82	95	80-127
Trichloroethene	25.00	28.57	114	77-129
Toluene	25.00	25.81	103	79-125
Chlorobenzene	25.00	24.49	98	78-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	76-128
1,2-Dichloroethane-d4	132	80-137
Toluene-d8	105	80-120
Bromofluorobenzene	101	79-128

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC753499	Batch#:	214385
Matrix:	Soil	Analyzed:	08/14/14
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC753499	Batch#:	214385
Matrix:	Soil	Analyzed:	08/14/14
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	94	76-128
1,2-Dichloroethane-d4	128	80-137
Toluene-d8	111	80-120
Bromofluorobenzene	107	79-128

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	214385
MSS Lab ID:	259730-001	Sampled:	08/12/14
Matrix:	Soil	Received:	08/12/14
Units:	ug/Kg	Analyzed:	08/14/14
Basis:	as received		

Type: MS Diln Fac: 0.9690
 Lab ID: QC753624

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.9158	48.45	32.90	68	46-138
Benzene	<0.8794	48.45	37.54	77	51-125
Trichloroethene	<0.8140	48.45	38.57	80	41-146
Toluene	<0.6933	48.45	36.32	75	45-123
Chlorobenzene	<0.6687	48.45	31.16	64	39-120

Surrogate	%REC	Limits
Dibromofluoromethane	93	76-128
1,2-Dichloroethane-d4	138 *	80-137
Toluene-d8	103	80-120
Bromofluorobenzene	101	79-128

Type: MSD Diln Fac: 0.9921
 Lab ID: QC753625

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	49.60	39.94	81	46-138	17	51
Benzene	49.60	40.80	82	51-125	6	46
Trichloroethene	49.60	41.05	83	41-146	4	55
Toluene	49.60	37.73	76	45-123	1	59
Chlorobenzene	49.60	32.74	66	39-120	3	54

Surrogate	%REC	Limits
Dibromofluoromethane	93	76-128
1,2-Dichloroethane-d4	139 *	80-137
Toluene-d8	107	80-120
Bromofluorobenzene	100	79-128

*= Value outside of QC limits; see narrative
 RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC753691	Batch#:	214434
Matrix:	Soil	Analyzed:	08/15/14
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	20.66	83	68-135
Benzene	25.00	21.94	88	80-127
Trichloroethene	25.00	21.62	86	77-129
Toluene	25.00	21.33	85	79-125
Chlorobenzene	25.00	21.53	86	78-120

Surrogate	%REC	Limits
Dibromofluoromethane	90	76-128
1,2-Dichloroethane-d4	103	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	96	79-128

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC753692	Batch#:	214434
Matrix:	Soil	Analyzed:	08/15/14
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC753692	Batch#:	214434
Matrix:	Soil	Analyzed:	08/15/14
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	91	76-128
1,2-Dichloroethane-d4	110	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	100	79-128

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	214434
MSS Lab ID:	259845-003	Sampled:	08/14/14
Matrix:	Soil	Received:	08/14/14
Units:	ug/Kg	Analyzed:	08/15/14
Basis:	as received		

Type: MS Diln Fac: 0.9381
 Lab ID: QC753713

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.4112	46.90	37.02	79	46-138
Benzene	<0.4077	46.90	46.15	98	51-125
Trichloroethene	<0.3917	46.90	43.65	93	41-146
Toluene	<0.2962	46.90	42.95	92	45-123
Chlorobenzene	<0.3694	46.90	44.93	96	39-120

Surrogate	%REC	Limits
Dibromofluoromethane	93	76-128
1,2-Dichloroethane-d4	115	80-137
Toluene-d8	104	80-120
Bromofluorobenzene	94	79-128

Type: MSD Diln Fac: 0.9542
 Lab ID: QC753714

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	47.71	46.04	96	46-138	20	51
Benzene	47.71	51.15	107	51-125	9	46
Trichloroethene	47.71	47.34	99	41-146	6	55
Toluene	47.71	51.39	108	45-123	16	59
Chlorobenzene	47.71	49.30	103	39-120	8	54

Surrogate	%REC	Limits
Dibromofluoromethane	100	76-128
1,2-Dichloroethane-d4	117	80-137
Toluene-d8	111	80-120
Bromofluorobenzene	94	79-128

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC753954	Batch#:	214501
Matrix:	Soil	Analyzed:	08/18/14
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.32	105	68-135
Benzene	25.00	24.82	99	80-127
Trichloroethene	25.00	25.84	103	77-129
Toluene	25.00	24.91	100	79-125
Chlorobenzene	25.00	26.73	107	78-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	76-128
1,2-Dichloroethane-d4	116	80-137
Toluene-d8	97	80-120
Bromofluorobenzene	92	79-128

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC753955	Batch#:	214501
Matrix:	Soil	Analyzed:	08/18/14
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC753955	Batch#:	214501
Matrix:	Soil	Analyzed:	08/18/14
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	76-128
1,2-Dichloroethane-d4	114	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	93	79-128

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 5030B
Project#:	402268001	Analysis:	EPA 8260B
Field ID:	B3-4.5	Batch#:	214501
MSS Lab ID:	259748-007	Sampled:	08/12/14
Matrix:	Soil	Received:	08/12/14
Units:	ug/Kg	Analyzed:	08/19/14
Basis:	as received		

Type: MS Diln Fac: 0.9311
 Lab ID: QC754002

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.5472	46.55	47.12	101	46-138
Benzene	<0.6376	46.55	42.49	91	51-125
Trichloroethene	<0.6641	46.55	44.53	96	41-146
Toluene	<0.6984	46.55	40.72	87	45-123
Chlorobenzene	<0.5725	46.55	42.26	91	39-120

Surrogate	%REC	Limits
Dibromofluoromethane	105	76-128
1,2-Dichloroethane-d4	121	80-137
Toluene-d8	95	80-120
Bromofluorobenzene	90	79-128

Type: MSD Diln Fac: 0.9294
 Lab ID: QC754003

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	46.47	49.71	107	46-138	6	51
Benzene	46.47	45.29	97	51-125	7	46
Trichloroethene	46.47	46.97	101	41-146	6	55
Toluene	46.47	44.29	95	45-123	9	59
Chlorobenzene	46.47	45.50	98	39-120	8	54

Surrogate	%REC	Limits
Dibromofluoromethane	105	76-128
1,2-Dichloroethane-d4	120	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	88	79-128

RPD= Relative Percent Difference

Batch QC Report

1,4-Dioxane by 8270-SIM			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3520C
Project#:	402268001	Analysis:	EPA 8270C-SIM
Matrix:	Water	Batch#:	214327
Units:	ug/L	Prepared:	08/12/14
Diln Fac:	1.000	Analyzed:	08/13/14

Type: BS Lab ID: QC753283

Analyte	Spiked	Result	%REC	Limits
1,4-Dioxane	3.000	2.707	90	53-123

Surrogate	%REC	Limits
Nitrobenzene-d5	99	50-135
2-Fluorobiphenyl	88	51-120

Type: BSD Lab ID: QC753284

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,4-Dioxane	3.000	2.542	85	53-123	6	39

Surrogate	%REC	Limits
Nitrobenzene-d5	86	50-135
2-Fluorobiphenyl	81	51-120

RPD= Relative Percent Difference

1,4-Dioxane by 8270-SIM			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	402268001	Analysis:	EPA 8270C-SIM
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Prepared:	08/13/14
Batch#:	214366		

Field ID: B1-3.0 Diln Fac: 10.00
 Type: SAMPLE Analyzed: 08/15/14
 Lab ID: 259748-001

Analyte	Result	RL
1,4-Dioxane	ND	330

Surrogate	%REC	Limits
Nitrobenzene-d5	DO	39-136
2-Fluorobiphenyl	DO	42-120

Field ID: B1-6.0 Diln Fac: 1.000
 Type: SAMPLE Analyzed: 08/15/14
 Lab ID: 259748-002

Analyte	Result	RL
1,4-Dioxane	ND	33

Surrogate	%REC	Limits
Nitrobenzene-d5	48	39-136
2-Fluorobiphenyl	48	42-120

Field ID: B2-3.0 Diln Fac: 1.000
 Type: SAMPLE Analyzed: 08/15/14
 Lab ID: 259748-003

Analyte	Result	RL
1,4-Dioxane	ND	33

Surrogate	%REC	Limits
Nitrobenzene-d5	57	39-136
2-Fluorobiphenyl	51	42-120

Field ID: B2-5.0 Diln Fac: 1.000
 Type: SAMPLE Analyzed: 08/15/14
 Lab ID: 259748-004

Analyte	Result	RL
1,4-Dioxane	ND	33

Surrogate	%REC	Limits
Nitrobenzene-d5	54	39-136
2-Fluorobiphenyl	55	42-120

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

1,4-Dioxane by 8270-SIM			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	402268001	Analysis:	EPA 8270C-SIM
Matrix:	Soil	Sampled:	08/12/14
Units:	ug/Kg	Received:	08/12/14
Basis:	as received	Prepared:	08/13/14
Batch#:	214366		

Field ID: B3-3.0 Diln Fac: 1.000
 Type: SAMPLE Analyzed: 08/15/14
 Lab ID: 259748-006

Analyte	Result	RL
1,4-Dioxane	ND	33

Surrogate	%REC	Limits
Nitrobenzene-d5	48	39-136
2-Fluorobiphenyl	46	42-120

Field ID: B3-4.5 Diln Fac: 1.000
 Type: SAMPLE Analyzed: 08/15/14
 Lab ID: 259748-007

Analyte	Result	RL
1,4-Dioxane	ND	33

Surrogate	%REC	Limits
Nitrobenzene-d5	56	39-136
2-Fluorobiphenyl	51	42-120

Type: BLANK Diln Fac: 1.000
 Lab ID: QC753426 Analyzed: 08/14/14

Analyte	Result	RL
1,4-Dioxane	ND	33

Surrogate	%REC	Limits
Nitrobenzene-d5	56	39-136
2-Fluorobiphenyl	62	42-120

DO= Diluted Out
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

1,4-Dioxane by 8270-SIM			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	402268001	Analysis:	EPA 8270C-SIM
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC753427	Batch#:	214366
Matrix:	Soil	Prepared:	08/13/14
Units:	ug/Kg	Analyzed:	08/14/14

Analyte	Spiked	Result	%REC	Limits
1,4-Dioxane	99.50	46.23	46	10-120

Surrogate	%REC	Limits
Nitrobenzene-d5	56	39-136
2-Fluorobiphenyl	62	42-120

Batch QC Report

1,4-Dioxane by 8270-SIM			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	402268001	Analysis:	EPA 8270C-SIM
Field ID:	ZZZZZZZZZZ	Batch#:	214366
MSS Lab ID:	259733-001	Sampled:	08/12/14
Matrix:	Soil	Received:	08/12/14
Units:	ug/Kg	Prepared:	08/13/14
Basis:	as received	Analyzed:	08/14/14
Diln Fac:	1.000		

Type: MS Lab ID: QC753428

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,4-Dioxane	<2.523	99.80	35.80	36	9-120

Surrogate	%REC	Limits
Nitrobenzene-d5	59	39-136
2-Fluorobiphenyl	65	42-120

Type: MSD Lab ID: QC753429

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,4-Dioxane	99.70	32.32	32	9-120	10	50

Surrogate	%REC	Limits
Nitrobenzene-d5	59	39-136
2-Fluorobiphenyl	64	42-120

RPD= Relative Percent Difference

Polychlorinated Biphenyls (PCBs)			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	402268001	Analysis:	EPA 8082
Matrix:	Soil	Batch#:	214355
Units:	ug/Kg	Sampled:	08/12/14
Basis:	as received	Received:	08/12/14
Diln Fac:	1.000	Prepared:	08/13/14

Type: BLANK Analyzed: 08/13/14
 Lab ID: QC753383

Analyte	Result	RL
Aroclor-1016	ND	9.5
Aroclor-1221	ND	19
Aroclor-1232	ND	9.5
Aroclor-1242	ND	9.5
Aroclor-1248	ND	9.5
Aroclor-1254	ND	9.5
Aroclor-1260	ND	9.5

Surrogate	%REC	Limits
TCMX	103	60-140
Decachlorobiphenyl	88	36-133

*= Value outside of QC limits; see narrative
 ND= Not Detected
 RL= Reporting Limit
 Page 3 of 3

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	402268001	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC753384	Batch#:	214355
Matrix:	Soil	Prepared:	08/13/14
Units:	ug/Kg	Analyzed:	08/13/14

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	167.3	171.7	103	58-144
Aroclor-1260	167.3	181.3	108	55-146

Surrogate	%REC	Limits
TCMX	73	60-140
Decachlorobiphenyl	76	36-133

Batch QC Report

Polychlorinated Biphenyls (PCBs)			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3550B
Project#:	402268001	Analysis:	EPA 8082
Field ID:	ZZZZZZZZZZ	Batch#:	214355
MSS Lab ID:	259742-001	Sampled:	08/07/14
Matrix:	Soil	Received:	08/07/14
Units:	ug/Kg	Prepared:	08/13/14
Basis:	as received	Analyzed:	08/13/14
Diln Fac:	1.000		

Type: MS Lab ID: QC753385

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<2.384	167.1	188.9	113	51-155
Aroclor-1260	5.990	167.1	210.2	122	38-155

Surrogate	%REC	Limits
TCMX	98	60-140
Decachlorobiphenyl	79	36-133

Type: MSD Lab ID: QC753386

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	166.9	178.1	107	51-155	6	38
Aroclor-1260	166.9	191.8	111	38-155	9	55

Surrogate	%REC	Limits
TCMX	83	60-140
Decachlorobiphenyl	69	36-133

RPD= Relative Percent Difference

California Title 22 Metals			
Lab #:	259748	Project#:	402268001
Client:	Ninyo & Moore	Location:	Alameda UST
Field ID:	B1-3.0	Basis:	as received
Lab ID:	259748-001	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/12/14
Units:	mg/Kg	Received:	08/12/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.48	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Arsenic	2.9	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Barium	56	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Beryllium	0.22	0.096	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cadmium	0.43	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Chromium	38	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cobalt	5.7	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Copper	18	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Lead	14	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Mercury	0.028	0.017	214386	08/14/14	08/14/14	METHOD	EPA 7471A
Molybdenum	ND	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Nickel	25	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Selenium	ND	0.48	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Silver	ND	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Thallium	ND	0.48	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Vanadium	31	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Zinc	170	0.96	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	259748	Project#:	402268001
Client:	Ninyo & Moore	Location:	Alameda UST
Field ID:	B1-6.0	Basis:	as received
Lab ID:	259748-002	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/12/14
Units:	mg/Kg	Received:	08/12/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.45	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Arsenic	0.98	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Barium	52	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Beryllium	0.23	0.091	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cadmium	ND	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Chromium	41	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cobalt	4.7	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Copper	6.5	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Lead	2.5	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Mercury	ND	0.017	214386	08/14/14	08/14/14	METHOD	EPA 7471A
Molybdenum	ND	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Nickel	29	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Selenium	ND	0.45	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Silver	ND	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Thallium	ND	0.45	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Vanadium	27	0.23	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Zinc	19	0.91	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	259748	Project#:	402268001
Client:	Ninyo & Moore	Location:	Alameda UST
Field ID:	B2-3.0	Basis:	as received
Lab ID:	259748-003	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/12/14
Units:	mg/Kg	Received:	08/12/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Arsenic	1.7	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Barium	52	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Beryllium	0.21	0.10	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Chromium	40	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Cobalt	4.0	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Copper	5.9	0.26	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Lead	2.1	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Mercury	ND	0.017	214386	08/14/14	08/14/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Nickel	23	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Vanadium	29	0.25	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B
Zinc	16	1.0	214420	08/15/14	08/19/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals

Lab #:	259748	Project#:	402268001
Client:	Ninyo & Moore	Location:	Alameda UST
Field ID:	B2-5.0	Basis:	as received
Lab ID:	259748-004	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/12/14
Units:	mg/Kg	Received:	08/12/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.49	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Arsenic	1.9	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Barium	56	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Beryllium	0.22	0.098	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cadmium	ND	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Chromium	32	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cobalt	5.8	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Copper	22	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Lead	12	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Mercury	0.061	0.017	214386	08/14/14	08/14/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Nickel	21	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Selenium	ND	0.49	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Thallium	ND	0.49	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Vanadium	36	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Zinc	43	0.98	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	259748	Project#:	402268001
Client:	Ninyo & Moore	Location:	Alameda UST
Field ID:	B3-3.0	Basis:	as received
Lab ID:	259748-006	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/12/14
Units:	mg/Kg	Received:	08/12/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.49	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Arsenic	1.4	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Barium	58	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Beryllium	0.26	0.097	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cadmium	ND	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Chromium	47	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cobalt	4.7	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Copper	6.4	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Lead	2.7	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Mercury	ND	0.018	214386	08/14/14	08/14/14	METHOD	EPA 7471A
Molybdenum	ND	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Nickel	33	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Selenium	ND	0.49	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Silver	ND	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Thallium	ND	0.49	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Vanadium	31	0.24	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Zinc	21	0.97	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

California Title 22 Metals			
Lab #:	259748	Project#:	402268001
Client:	Ninyo & Moore	Location:	Alameda UST
Field ID:	B3-4.5	Basis:	as received
Lab ID:	259748-007	Diln Fac:	1.000
Matrix:	Soil	Sampled:	08/12/14
Units:	mg/Kg	Received:	08/12/14

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.50	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Arsenic	2.1	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Barium	61	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Beryllium	0.29	0.099	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cadmium	0.25	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Chromium	52	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Cobalt	4.4	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Copper	12	0.26	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Lead	3.4	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Mercury	ND	0.017	214386	08/14/14	08/14/14	METHOD	EPA 7471A
Molybdenum	ND	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Nickel	38	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Selenium	ND	0.50	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Silver	ND	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Thallium	ND	0.50	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Vanadium	34	0.25	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B
Zinc	25	0.99	214420	08/15/14	08/15/14	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	METHOD
Project#:	402268001	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	214386
Lab ID:	QC753502	Prepared:	08/14/14
Matrix:	Soil	Analyzed:	08/14/14
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	METHOD
Project#:	402268001	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	214386
Matrix:	Soil	Prepared:	08/14/14
Units:	mg/Kg	Analyzed:	08/14/14
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC753503	0.2083	0.2263	109	80-120		
BSD	QC753504	0.2083	0.2180	105	80-120	4	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	METHOD
Project#:	402268001	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	214386
MSS Lab ID:	259767-001	Sampled:	08/12/14
Matrix:	Soil	Received:	08/13/14
Units:	mg/Kg	Prepared:	08/14/14
Basis:	as received	Analyzed:	08/14/14

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC753505	0.03609	0.1923	0.2327	102	69-136		
MSD	QC753506		0.1953	0.2243	96	69-136	5	35

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3050B
Project#:	402268001	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC753642	Batch#:	214420
Matrix:	Soil	Prepared:	08/15/14
Units:	mg/Kg	Analyzed:	08/15/14

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.26
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3050B
Project#:	402268001	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	214420
Units:	mg/Kg	Prepared:	08/15/14
Diln Fac:	5.000	Analyzed:	08/15/14

Type: BS Lab ID: QC753643

Analyte	Spiked	Result	%REC	Limits
Antimony	50.00	50.36	101	80-120
Arsenic	50.00	51.80	104	80-120
Barium	50.00	51.63	103	80-120
Beryllium	50.00	52.16	104	80-120
Cadmium	50.00	53.23	106	80-120
Chromium	50.00	51.82	104	80-120
Cobalt	50.00	50.21	100	80-120
Copper	50.00	50.14	100	80-120
Lead	50.00	50.04	100	80-120
Molybdenum	50.00	52.46	105	80-120
Nickel	50.00	51.02	102	80-120
Selenium	50.00	52.02	104	80-120
Silver	50.00	50.62	101	80-120
Thallium	50.00	50.75	101	80-120
Vanadium	50.00	52.84	106	80-120
Zinc	50.00	51.60	103	80-120

Type: BSD Lab ID: QC753644

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	50.00	54.91	110	80-120	9	20
Arsenic	50.00	55.63	111	80-120	7	20
Barium	50.00	55.79	112	80-120	8	20
Beryllium	50.00	56.93	114	80-120	9	20
Cadmium	50.00	57.66	115	80-120	8	20
Chromium	50.00	56.19	112	80-120	8	20
Cobalt	50.00	53.74	107	80-120	7	20
Copper	50.00	54.63	109	80-120	9	20
Lead	50.00	53.82	108	80-120	7	20
Molybdenum	50.00	56.47	113	80-120	7	20
Nickel	50.00	54.74	109	80-120	7	20
Selenium	50.00	56.32	113	80-120	8	20
Silver	50.00	54.92	110	80-120	8	20
Thallium	50.00	54.52	109	80-120	7	20
Vanadium	50.00	57.54	115	80-120	9	20
Zinc	50.00	55.31	111	80-120	7	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	EPA 3050B
Project#:	402268001	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	259652-011	Batch#:	214420
Matrix:	Soil	Sampled:	08/07/14
Units:	mg/Kg	Received:	08/07/14
Basis:	as received	Prepared:	08/15/14

Type: MS Lab ID: QC753645

Analyte	MSS Result	Spiked	Result	%REC	Limits	Analyzed
Antimony	1.103	52.08	25.96	48	9-120	08/15/14
Arsenic	7.143	52.08	55.37	93	72-120	08/19/14
Barium	170.1	52.08	199.6	57	50-133	08/15/14
Beryllium	0.4595	52.08	47.97	91	80-120	08/15/14
Cadmium	0.7411	52.08	47.08	89	72-120	08/15/14
Chromium	66.09	52.08	114.0	92	61-120	08/15/14
Cobalt	11.57	52.08	55.27	84	60-120	08/15/14
Copper	53.06	52.08	112.4	114	47-149	08/15/14
Lead	75.22	52.08	127.5	100	52-122	08/15/14
Molybdenum	<0.06103	52.08	45.23	87	68-120	08/15/14
Nickel	62.72	52.08	86.16	45 *	46-135	08/15/14
Selenium	<0.1590	52.08	44.62	86	70-120	08/15/14
Silver	<0.08125	52.08	48.86	94	67-120	08/15/14
Thallium	<0.1772	52.08	41.67	80	64-120	08/15/14
Vanadium	50.31	52.08	99.53	95	54-137	08/15/14
Zinc	125.8	52.08	177.8	100	39-141	08/15/14

Type: MSD Lab ID: QC753646

Analyte	Spiked	Result	%REC	Limits	RPD	Lim	Analyzed
Antimony	53.76	27.43	49	9-120	2	26	08/15/14
Arsenic	53.76	56.12	91	72-120	1	30	08/19/14
Barium	53.76	209.9	74	50-133	4	43	08/15/14
Beryllium	53.76	48.29	89	80-120	2	20	08/15/14
Cadmium	53.76	47.90	88	72-120	1	22	08/15/14
Chromium	53.76	118.2	97	61-120	2	31	08/15/14
Cobalt	53.76	55.61	82	60-120	2	39	08/15/14
Copper	53.76	114.3	114	47-149	0	32	08/15/14
Lead	53.76	192.5	218 *	52-122	39	49	08/15/14
Molybdenum	53.76	46.18	86	68-120	1	23	08/15/14
Nickel	53.76	87.72	47	46-135	0	37	08/15/14
Selenium	53.76	45.81	85	70-120	1	26	08/15/14
Silver	53.76	49.37	92	67-120	2	25	08/15/14
Thallium	53.76	42.77	80	64-120	1	20	08/15/14
Vanadium	53.76	98.69	90	54-137	2	31	08/15/14
Zinc	53.76	189.2	118	39-141	5	37	08/15/14

*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Total Oil & Grease (HEM)			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	METHOD
Project#:	402268001	Analysis:	EPA 1664A
Analyte:	Oil & Grease (HEM)	Batch#:	214632
Field ID:	B1-GW	Sampled:	08/12/14
Matrix:	Water	Received:	08/12/14
Units:	mg/L	Analyzed:	08/21/14
Diln Fac:	1.000		

Type	Lab ID	Result	RL
SAMPLE	259748-005	ND	4.72
BLANK	QC754469	ND	5.00

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Total Oil & Grease (HEM)			
Lab #:	259748	Location:	Alameda UST
Client:	Ninyo & Moore	Prep:	METHOD
Project#:	402268001	Analysis:	EPA 1664A
Analyte:	Oil & Grease (HEM)	Diln Fac:	1.000
Matrix:	Water	Batch#:	214632
Units:	mg/L	Analyzed:	08/21/14

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC754470	40.00	38.00	95	78-114		
BSD	QC754471	40.00	39.00	97	78-114	3	18

RPD= Relative Percent Difference

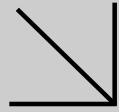
Laboratory Job Number 259748

Subcontracted Products

Cal Science



Calscience



WORK ORDER NUMBER: 14-08-1145

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Curtis & Tompkins, Ltd.

Client Project Name: 259748

Attention: Will S. Rice
2323 Fifth Street
Berkeley, CA 94710-2407

Nicole Scott for

Approved for release on 08/20/2014 by:
Vikas Patel
Project Manager

ResultLink ▶

Email your PM ▶



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/15/14. They were assigned to Work Order 14-08-1145.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of ≤ 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Detections Summary

Client: Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Work Order: 14-08-1145
Project Name: 259748
Received: 08/15/14

Attn: Will S. Rice

Page 1 of 1

Client SampleID

<u>Analyte</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>Units</u>	<u>Method</u>	<u>Extraction</u>
B1-3.0 (14-08-1145-1) HEM: Oil and Grease	660		10	mg/kg	EPA 1664A (M)	N/A
B1-6.0 (14-08-1145-2) HEM: Oil and Grease	27		10	mg/kg	EPA 1664A (M)	N/A
B2-3.0 (14-08-1145-3) HEM: Oil and Grease	85		10	mg/kg	EPA 1664A (M)	N/A
B2-5.0 (14-08-1145-4) HEM: Oil and Grease	33		10	mg/kg	EPA 1664A (M)	N/A
B3-3.0 (14-08-1145-5) HEM: Oil and Grease	25		10	mg/kg	EPA 1664A (M)	N/A
B3-4.5 (14-08-1145-6) HEM: Oil and Grease	19		10	mg/kg	EPA 1664A (M)	N/A

Subcontracted analyses, if any, are not included in this summary.

* MDL is shown



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Analytical Report

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: 08/15/14
Work Order: 14-08-1145
Preparation: N/A
Method: EPA 1664A (M)
Units: mg/kg

Project: 259748

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B1-3.0	14-08-1145-1-A	08/12/14 09:33	Solid	N/A	08/19/14	08/19/14 16:00	E0819HEML1
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM: Oil and Grease		660	10		1.00		
B1-6.0	14-08-1145-2-A	08/12/14 10:20	Solid	N/A	08/19/14	08/19/14 16:00	E0819HEML1
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM: Oil and Grease		27	10		1.00		
B2-3.0	14-08-1145-3-A	08/12/14 11:00	Solid	N/A	08/19/14	08/19/14 16:00	E0819HEML1
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM: Oil and Grease		85	10		1.00		
B2-5.0	14-08-1145-4-A	08/12/14 11:17	Solid	N/A	08/19/14	08/19/14 16:00	E0819HEML1
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM: Oil and Grease		33	10		1.00		
B3-3.0	14-08-1145-5-A	08/12/14 11:31	Solid	N/A	08/19/14	08/19/14 16:00	E0819HEML1
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM: Oil and Grease		25	10		1.00		
B3-4.5	14-08-1145-6-A	08/12/14 11:54	Solid	N/A	08/19/14	08/19/14 16:00	E0819HEML1
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM: Oil and Grease		19	10		1.00		
Method Blank	099-12-040-462	N/A	Solid	N/A	08/19/14	08/19/14 16:00	E0819HEML1
<u>Parameter</u>		<u>Result</u>	<u>RL</u>		<u>DF</u>		<u>Qualifiers</u>
HEM: Oil and Grease		ND	10		1.00		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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Quality Control - LCS/LCSD

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710-2407

Date Received: 08/15/14
Work Order: 14-08-1145
Preparation: N/A
Method: EPA 1664A (M)

Project: 259748

Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
099-12-040-462	LCS	Solid	N/A	08/19/14	08/19/14 16:00	E0819HEML1			
099-12-040-462	LCSD	Solid	N/A	08/19/14	08/19/14 16:00	E0819HEML1			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
HEM: Oil and Grease	40.00	36.70	92	36.70	92	78-114	0	0-18	

RPD: Relative Percent Difference. CL: Control Limits



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Sample Analysis Summary Report

Work Order: 14-08-1145

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<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 1664A (M)	N/A	691	N/A	1

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Glossary of Terms and Qualifiers

Work Order: 14-08-1145

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<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Curtis & Tompkins, Ltd.
 Analytical Laboratories, Since 1878
 2323 Fifth Street
 Berkeley, CA 94710
 (510) 486-0900
 (510) 486-0532

14-08-1145

Project Number: 259748
 Site: Alameda UST

Subcontract Laboratory:
 Cal Science
 7440 Lincoln Way
 Garden Grove, CA 92841-1432
 (714) 895-5494
 ATTN: Vik Patel

Results due: Report Level: II

Please send report to: Will S Rice (will.rice@ctberk.com)

*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
1 B1-3.0	08/12 09:33	Soil	OIL & GREASE	259748-001	
2 B1-6.0	08/12 10:20	Soil	OIL & GREASE	259748-002	
3 B2-3.0	08/12 11:00	Soil	OIL & GREASE	259748-003	
4 B2-5.0	08/12 11:17	Soil	OIL & GREASE	259748-004	
5 B3-3.0	08/12 11:31	Soil	OIL & GREASE	259748-006	
6 B3-4.5	08/12 11:54	Soil	OIL & GREASE	259748-007	

Notes:	Relinquished By:	Received By:
	<i>Mikelle Chang</i>	<i>Prey M. EG</i>
	Date/Time: <i>08/14/14 @ 1445</i>	Date/Time: <i>1030</i> <i>8/15/14</i>
	Date/Time:	Date/Time:

Signature on this form constitutes a firm Purchase Order for the services requested above.

From: (510) 486-0900
Sample Control
Curtis & Tompkins
2323 5th Street

Origin ID: JEMA



J142014061903uv

Berkeley, CA 94710

Ship Date: 14AUG14
ActWgt: 15.0 LB
CAD: 7603800/INET3550

1145

Delivery Address Bar Code



SHIP TO: (714) 895-5494

BILL THIRD PARTY

Vik Patel
Cal Science Environmental Lab
7440 LINCOLN WAY

Ref # 259748
Invoice #
PO #
Dept #

GARDEN GROVE, CA 92841

FRI - 15 AUG AA
STANDARD OVERNIGHT

TRK# 7708 4048 1315

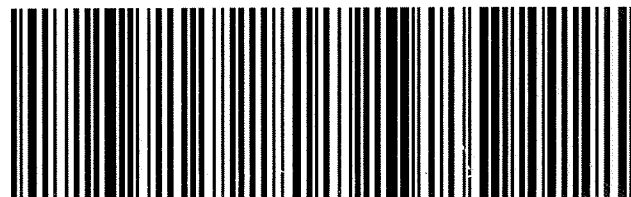
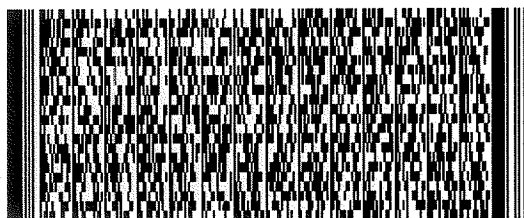
0201

92841

CA-US

SNA

92 APVA



522G1/FCF2/BAC9

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Calscience

WORK ORDER #: 14-08-1145

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: C4T

DATE: 08/15/14

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Temperature 2.5 °C - 0.3°C (CF) = 2.2 °C Blank Sample

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

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

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

Ambient Temperature: Air Filter

Checked by: 876

CUSTODY SEALS INTACT:

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

Checked by: 876

Sample _____ No (Not Intact) Not Present

Checked by: 876

SAMPLE CONDITION:

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

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

No analysis requested. Not relinquished. No date/time relinquished.

Sampler's name indicated on COC.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Aqueous samples received within 15-minute holding time

<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfides <input type="checkbox"/> Dissolved Oxygen.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	--------------------------	-------------------------------------

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

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

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® 2 ozCGJ

Aqueous: VOA VOAh VOAna₂ 125AGB 125AGBh 125AGBp 1AGB 1AGBna₂ 1AGBs

500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 1PBna 500PB

250PB 250PBn 125PB 125PBzanna 100PJ 100PJna₂ _____ _____ _____

Air: Tedlar® Canister **Other:** _____ **Trip Blank Lot#:** _____ **Labeled/Checked by:** 876

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** 739

Preservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ u: Ultra-pure zanna: ZnAc₂+NaOH f: Filtered **Scanned by:** 739

Vikas Patel

From: Will Rice [will.rice@ctberk.com]
Sent: Friday, August 15, 2014 5:43 PM
To: Vikas Patel
Subject: Re: 259748 - 14-08-1145 - Sample Receipt Confirmation & COC Document

Please note we would like these results by the 20th.

Thanks,
Will Rice
Project Manager
(510)204-2221
www.curtisandtompkins.com

Usual office hours are Mon-Fri, 10AM to 6PM

On 8/15/2014 5:39 PM, Vikas Patel wrote:

Hello Will - Sample receipt confirmation for your records.

Regards,

Vik Patel
Project Manager

Eurofins Calscience, Inc
7440 Lincoln Way
Garden Grove, CA 92841-1427
USA

Phone +1 714 895 5494
Fax +1 714 894 7501

Please note new e-mail address below, please update your records. Thank you.

Email: vikaspatel@eurofinsUS.com
Website: www.calscience.com

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