Photograph 15: **Worker hand-augering soil boring for lead analysis on Compton High School main campus.**

Photograph 16: **Worker capping boring with cement to match existing surrounding material on Compton High School main campus.**

Photograph 17: **Groundwater sample being taken from AOC2-B2 in basement of main office building on Compton High School main campus.**

Photograph 18: **Section view of AOC2-B1 and B2 in basement of main office building on Compton High School main campus.**

Photograph 19: **Area view of AOC1-E-B24, B25, and AOC3-B4 and B5 on Compton High School main campus.**

Photograph 20: **Area view of drum location on Compton High School main campus.**

Photograph 21: **Soil and Decontamination water drums from AOC1-W, AOC1-E, AOC2 and AOC3 on Compton High School main campus.**

Photograph 22: **Soil sampling jars for AOC5 locations.**

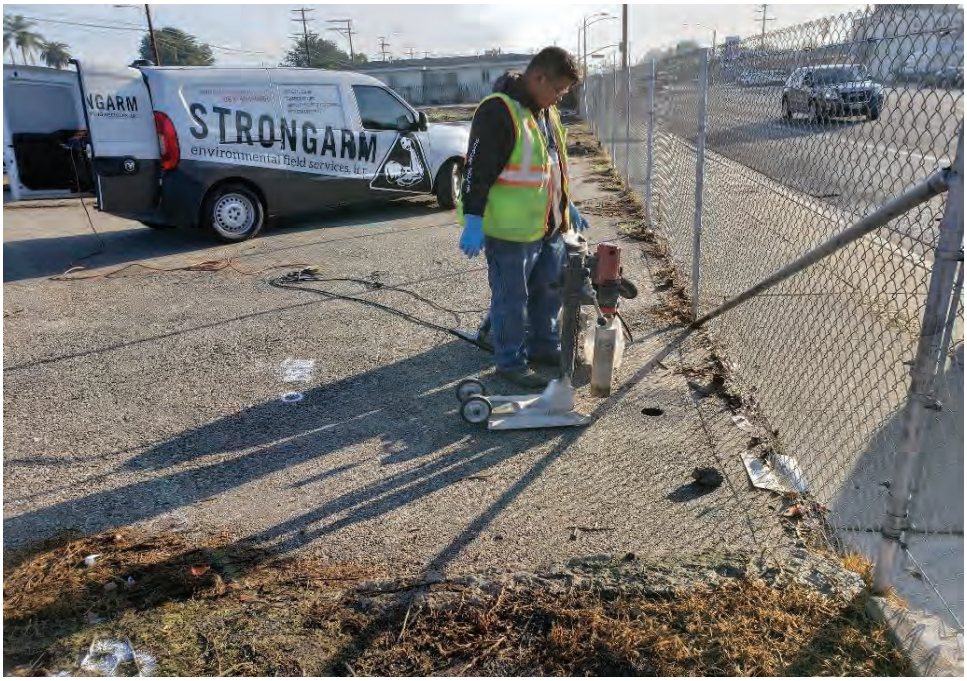
Photograph 23: **Area view of AOC5 where the church use to be facing east.**

Photograph 24: **Area view of AOC5 from parking lot of AOC4 facing east.**

Photograph 25: **Area view of AOC5 and AOC4 from east edge facing west.**

Photograph 26: **Workers installing soil vapor probes on AOC4.**

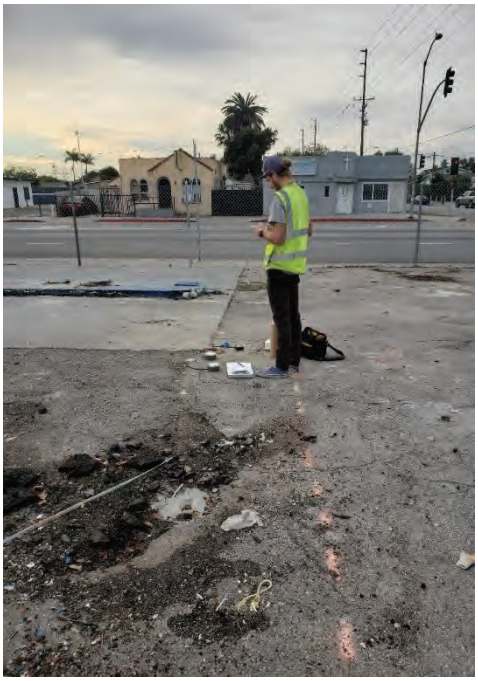
Photograph 27: **Workers using a 6620DT direct push rig on AOC4.**



Photograph 28: **Worker positioning a corer to drill through asphalt on AOC5.**

Photograph 29: **Worker decontaminating hand auger between soil borings to avoid contamination.**

Photograph 30: **Drums located on AOC4 and AOC5.**



Photograph 31: **Jones Environmental taking soil vapor samples on AOC4.**

APPENDIX E

Laboratory Reports

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip
Comments: Compton High School PEA
#210886001
601 S. Acacia Ave., Compton, CA 90220

Lab Request: 414777
Report Date: 07/18/2019
Date Received: 04/29/2019
Client ID: 15461

Supplemental Report 2 - Additional Lead results requested on 06/28/19 and 07/16/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
414777-001	AOC1-E-B20-0.5'	414777-027	AOC1-E-B8-2.5'	414777-053	AOC1-W-B24-1.5'
414777-002	AOC1-E-B20-1.5'	414777-028	AOC1-E-B9-0.5'	414777-054	AOC1-W-B24-2.5'
414777-003	AOC1-E-B20-2.5'	414777-029	AOC1-E-B9-1.5'	414777-055	AOC1-W-B25-0.5'
414777-004	AOC1-E-B22-0.5'	414777-030	AOC1-E-B9-2.5'	414777-056	AOC1-W-B25-1.5'
414777-005	AOC1-E-B22-1.5'	414777-031	AOC1-W-B17-0.5'	414777-057	AOC1-W-B25-2.5'
414777-006	AOC1-E-B22-2.5'	414777-032	AOC1-W-B17-1.5'	414777-058	AOC1-W-B31-0.5'
414777-007	AOC1-E-B4-0.5'	414777-033	AOC1-W-B17-2.5'	414777-059	AOC1-W-B31-1.5'
414777-008	AOC1-E-B4-1.5'	414777-034	AOC1-W-B12-0.5'	414777-060	AOC1-W-B31-2.5'
414777-009	AOC1-E-B4-2.5'	414777-035	AOC1-W-B12-1.5'	414777-061	AOC1-W-B32-0.5'
414777-010	AOC1-E-B6-0.5'	414777-036	AOC1-W-B12-2.5'	414777-062	AOC1-W-B32-1.5'
414777-011	AOC1-E-B6-1.5'	414777-037	AOC1-W-B13-0.5'	414777-063	AOC1-W-B32-2.5'
414777-012	AOC1-E-B6-2.5'	414777-038	AOC1-W-B13-1.5'	414777-064	AOC1-W-B39-0.5'
414777-013	AOC1-E-B1-0.5'	414777-039	AOC1-W-B13-2.5'	414777-065	AOC1-W-B39-1.5'
414777-014	AOC1-E-B1-1.5'	414777-040	AOC1-W-B14-0.5'	414777-066	AOC1-W-B39-2.5'
414777-015	AOC1-E-B1-2.5'	414777-041	AOC1-W-B14-1.5'	414777-067	AOC1-W-B33-0.5'
414777-016	AOC1-E-B2-0.5'	414777-042	AOC1-W-B14-2.5'	414777-068	AOC1-W-B33-1.5'
414777-017	AOC1-E-B2-1.5'	414777-043	AOC1-W-B22-0.5'	414777-069	AOC1-W-B33-2.5'
414777-018	AOC1-E-B2-2.5'	414777-044	AOC1-W-B22-1.5'	414777-070	AOC1-W-B42-0.5'
414777-019	AOC1-E-B3-0.5'	414777-045	AOC1-W-B22-2.5'	414777-071	AOC1-W-B42-1.5'
414777-020	AOC1-E-B3-1.5'	414777-046	AOC1-W-B27-0.5'	414777-072	AOC1-W-B42-2.5'
414777-021	AOC1-E-B3-2.5'	414777-047	AOC1-W-B27-1.5'	414777-073	AOC1-E-B11-0.5'
414777-022	AOC1-E-B7-0.5'	414777-048	AOC1-W-B27-2.5'	414777-074	AOC1-E-B11-1.5'
414777-023	AOC1-E-B7-1.5'	414777-049	AOC1-W-B26-0.5'	414777-075	AOC1-E-B11-2.5'
414777-024	AOC1-E-B7-2.5'	414777-050	AOC1-W-B26-1.5'	414777-076	AOC1-E-B12-0.5'
414777-025	AOC1-E-B8-0.5'	414777-051	AOC1-W-B26-2.5'	414777-077	AOC1-E-B12-1.5'
414777-026	AOC1-E-B8-1.5'	414777-052	AOC1-W-B24-0.5'	414777-078	AOC1-E-B12-2.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	Ninyo & Moore
Address:	475 Goddard Suite 200 Irvine, CA 92618
Attn:	Patrick Cullip
Comments:	Compton High School PEA #210886001 601 S. Acacia Ave., Compton, CA 90220

Lab Request:	414777
Report Date:	07/18/2019
Date Received:	04/29/2019
Client ID:	15461

Supplemental Report 2 - Additional Lead results requested on 06/28/19 and 07/16/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
414777-079	AOC1-E-B10-0.5'
414777-080	AOC1-E-B10-1.5'
414777-081	AOC1-E-B10-2.5'
414777-082	DUP-1
414777-083	DUP-2
414777-084	DUP-3
414777-085	DUP-4
414777-086	DUP-5
414777-087	DUP-6
414777-088	DUP-7
414777-089	DUP-8
414777-090	EB-042919
414777-091	CG1-0.5'
414777-092	CG1-2.5'
414777-093	CG3-0.5'
414777-094	CG3-2.5'
414777-095	CG4-0.5'
414777-096	CG4-2.5'
414777-097	COMP DUP-1
414777-098	COMP DUP-2

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:46 **Site:**
Sample #: **414777-001** **Client Sample #:** AOC1-E-B20-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201474		
Lead	**204**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:48 **Site:**
Sample #: **414777-002** **Client Sample #:** AOC1-E-B20-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1203756		
Lead	**22.3**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:50 **Site:**
Sample #: **414777-003** **Client Sample #:** AOC1-E-B20-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:58 **Site:**
Sample #: **414777-004** **Client Sample #:** AOC1-E-B22-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201474		
Lead	**46.5**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 12:00 **Site:**
Sample #: **414777-005** **Client Sample #:** AOC1-E-B22-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 12:04 **Site:**
Sample #: **414777-006** **Client Sample #:** AOC1-E-B22-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 12:40 **Site:**
Sample #: **414777-007** **Client Sample #:** AOC1-E-B4-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201474		
Lead	**308**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 12:46 **Site:**
Sample #: **414777-008** **Client Sample #:** AOC1-E-B4-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1203756		
Lead	**21.8**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 12:50 **Site:**
Sample #: **414777-009** **Client Sample #:** AOC1-E-B4-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:25 **Site:**
Sample #: **414777-010** **Client Sample #:** AOC1-E-B6-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**130**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:30 **Site:**
Sample #: **414777-011** **Client Sample #:** AOC1-E-B6-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**78.0**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:33 **Site:**
Sample #: **414777-012** **Client Sample #:** AOC1-E-B6-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:40 **Site:**
Sample #: **414777-013** **Client Sample #:** AOC1-E-B1-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**1530**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:45 **Site:**
Sample #: **414777-014** **Client Sample #:** AOC1-E-B1-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**8.16**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:47 **Site:**
Sample #: **414777-015** **Client Sample #:** AOC1-E-B1-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:52 **Site:**
Sample #: **414777-016** **Client Sample #:** AOC1-E-B2-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**219**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:56 **Site:**
Sample #: 414777-017 **Client Sample #:** AOC1-E-B2-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**8.42**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:00 **Site:**
Sample #: 414777-018 **Client Sample #:** AOC1-E-B2-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:07 **Site:**
Sample #: 414777-019 **Client Sample #:** AOC1-E-B3-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**179**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:10 **Site:**
Sample #: 414777-020 **Client Sample #:** AOC1-E-B3-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**4.38**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:12 **Site:**
Sample #: 414777-021 **Client Sample #:** AOC1-E-B3-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:30 **Site:**
Sample #: 414777-022 **Client Sample #:** AOC1-E-B7-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**93.4**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:33 **Site:**
Sample #: 414777-023 **Client Sample #:** AOC1-E-B7-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**12.3**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:36 **Site:**
Sample #: 414777-024 **Client Sample #:** AOC1-E-B7-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:42 **Site:**
Sample #: 414777-025 **Client Sample #:** AOC1-E-B8-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**681**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:46 **Site:**
Sample #: 414777-026 **Client Sample #:** AOC1-E-B8-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**18.1**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:50 **Site:**
Sample #: 414777-027 **Client Sample #:** AOC1-E-B8-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:52 **Site:**
Sample #: 414777-028 **Client Sample #:** AOC1-E-B9-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**229**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:56 **Site:**
Sample #: 414777-029 **Client Sample #:** AOC1-E-B9-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**7.95**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:58 **Site:**
Sample #: 414777-030 **Client Sample #:** AOC1-E-B9-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 08:30 **Site:**
Sample #: 414777-031 **Client Sample #:** AOC1-W-B17-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**53.2**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 08:33 **Site:**
Sample #: 414777-032 **Client Sample #:** AOC1-W-B17-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 08:36 **Site:**
Sample #: 414777-033 **Client Sample #:** AOC1-W-B17-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 08:49 **Site:**
Sample #: 414777-034 **Client Sample #:** AOC1-W-B12-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**38.4**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 08:51 **Site:**
Sample #: 414777-035 **Client Sample #:** AOC1-W-B12-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 09:07 **Site:**
Sample #: 414777-036 **Client Sample #:** AOC1-W-B12-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 09:12 **Site:**
Sample #: 414777-037 **Client Sample #:** AOC1-W-B13-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**81.8**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 09:20 **Site:**
Sample #: 414777-038 **Client Sample #:** AOC1-W-B13-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**104**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 09:24 **Site:**
Sample #: 414777-039 **Client Sample #:** AOC1-W-B13-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1204287		
Lead	**9.36**	1	0.32	1	mg/Kg		07/17/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 09:32 **Site:**
Sample #: 414777-040 **Client Sample #:** AOC1-W-B14-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201474		
Lead	**46.2**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 09:57 **Site:**
Sample #: 414777-041 **Client Sample #:** AOC1-W-B14-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:00 **Site:**
Sample #: 414777-042 **Client Sample #:** AOC1-W-B14-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:23 **Site:**
Sample #: 414777-043 **Client Sample #:** AOC1-W-B22-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201474
Lead	**96.0**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:30 **Site:**
Sample #: 414777-044 **Client Sample #:** AOC1-W-B22-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1203756
Lead	**8.98**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:32 **Site:**
Sample #: 414777-045 **Client Sample #:** AOC1-W-B22-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:40 **Site:**
Sample #: 414777-046 **Client Sample #:** AOC1-W-B27-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201475
Lead	**275**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:42 **Site:**
Sample #: 414777-047 **Client Sample #:** AOC1-W-B27-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1203756
Lead	**92.9**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:50 **Site:**
Sample #: 414777-048 **Client Sample #:** AOC1-W-B27-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1204287
Lead	**7.82**	1	0.32	1	mg/Kg		07/17/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:53 **Site:**
Sample #: **414777-049** **Client Sample #:** AOC1-W-B26-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**119**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:55 **Site:**
Sample #: **414777-050** **Client Sample #:** AOC1-W-B26-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1203756		
Lead	**8.46**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 10:57 **Site:**
Sample #: **414777-051** **Client Sample #:** AOC1-W-B26-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:06 **Site:**
Sample #: **414777-052** **Client Sample #:** AOC1-W-B24-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**67.0**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:09 **Site:**
Sample #: **414777-053** **Client Sample #:** AOC1-W-B24-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:11 **Site:**
Sample #: **414777-054** **Client Sample #:** AOC1-W-B24-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:39 **Site:**
Sample #: **414777-055** **Client Sample #:** AOC1-W-B25-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**41.4**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:42 **Site:**
Sample #: **414777-056** **Client Sample #:** AOC1-W-B25-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:43 **Site:**
Sample #: 414777-057 **Client Sample #:** AOC1-W-B25-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:54 **Site:**
Sample #: 414777-058 **Client Sample #:** AOC1-W-B31-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201475		
Lead	43.2	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 11:57 **Site:**
Sample #: 414777-059 **Client Sample #:** AOC1-W-B31-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 12:00 **Site:**
Sample #: 414777-060 **Client Sample #:** AOC1-W-B31-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:25 **Site:**
Sample #: 414777-061 **Client Sample #:** AOC1-W-B32-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201475		
Lead	49.9	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:29 **Site:**
Sample #: 414777-062 **Client Sample #:** AOC1-W-B32-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:32 **Site:**
Sample #: 414777-063 **Client Sample #:** AOC1-W-B32-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:49 **Site:**
Sample #: 414777-064 **Client Sample #:** AOC1-W-B39-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201475		
Lead	37.2	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:52 **Site:**
Sample #: 414777-065 **Client Sample #:** AOC1-W-B39-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 13:55 **Site:**
Sample #: 414777-066 **Client Sample #:** AOC1-W-B39-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:09 **Site:**
Sample #: 414777-067 **Client Sample #:** AOC1-W-B33-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201475
Lead	**43.1**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:12 **Site:**
Sample #: 414777-068 **Client Sample #:** AOC1-W-B33-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:16 **Site:**
Sample #: 414777-069 **Client Sample #:** AOC1-W-B33-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:25 **Site:**
Sample #: 414777-070 **Client Sample #:** AOC1-W-B42-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201475
Lead	**44.5**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:30 **Site:**
Sample #: 414777-071 **Client Sample #:** AOC1-W-B42-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:35 **Site:**
Sample #: 414777-072 **Client Sample #:** AOC1-W-B42-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:50 **Site:**
Sample #: 414777-073 **Client Sample #:** AOC1-E-B11-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201475		
Lead	**140**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 14:55 **Site:**
Sample #: 414777-074 **Client Sample #:** AOC1-E-B11-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**61.5**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 15:00 **Site:**
Sample #: 414777-075 **Client Sample #:** AOC1-E-B11-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 15:03 **Site:**
Sample #: 414777-076 **Client Sample #:** AOC1-E-B12-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201475		
Lead	**154**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 15:06 **Site:**
Sample #: 414777-077 **Client Sample #:** AOC1-E-B12-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**101**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 15:08 **Site:**
Sample #: 414777-078 **Client Sample #:** AOC1-E-B12-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1204287		
Lead	**64.0**	1	0.32	1	mg/Kg		07/17/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 15:10 **Site:**
Sample #: 414777-079 **Client Sample #:** AOC1-E-B10-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201475		
Lead	**434**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 15:13 **Site:**
Sample #: 414777-080 **Client Sample #:** AOC1-E-B10-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**190**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 15:16 **Site:**
Sample #: **414777-081** **Client Sample #:** AOC1-E-B10-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1204287		
Lead	**26.1**	1	0.32	1	mg/Kg		07/17/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-082** **Client Sample #:** DUP-1 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**112**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-083** **Client Sample #:** DUP-2 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**251**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-084** **Client Sample #:** DUP-3 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**168**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-085** **Client Sample #:** DUP-4 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**166**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-086** **Client Sample #:** DUP-5 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**103**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-087** **Client Sample #:** DUP-6 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**33.0**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-088** **Client Sample #:** DUP-7 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**44.1**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-089** **Client Sample #:** DUP-8 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201475		
Lead	**46.2**	1	0.32	1	mg/Kg	04/30/19	04/30/19	KLN	

Matrix: Water **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-090** **Client Sample #:** EB-042919 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3010A							QCBatchID: QC1201535		
Lead	ND	1	0.005	0.01	mg/L	05/01/19	05/01/19	KLN	
Method: EPA 8081A *NELAC* Prep Method: EPA 3510C							QCBatchID: QC1201531		
4,4'-DDD	ND	1	0.011	0.1	ug/L	05/01/19	05/01/19	SS	
4,4'-DDE	ND	1	0.006	0.1	ug/L	05/01/19	05/01/19	SS	
4,4'-DDT	ND	1	0.011	0.1	ug/L	05/01/19	05/01/19	SS	
a-BHC	ND	1	0.002	0.1	ug/L	05/01/19	05/01/19	SS	
Aldrin	ND	1	0.007	0.1	ug/L	05/01/19	05/01/19	SS	
b-BHC	ND	1	0.003	0.1	ug/L	05/01/19	05/01/19	SS	
Chlordane (technical)	ND	1	0.27	1	ug/L	05/01/19	05/01/19	SS	
d-BHC	ND	1	0.006	0.1	ug/L	05/01/19	05/01/19	SS	
Dieldrin	ND	1	0.006	0.1	ug/L	05/01/19	05/01/19	SS	
Endosulfan I	ND	1	0.004	0.1	ug/L	05/01/19	05/01/19	SS	
Endosulfan II	ND	1	0.011	0.1	ug/L	05/01/19	05/01/19	SS	
Endosulfan sulfate	ND	1	0.012	0.1	ug/L	05/01/19	05/01/19	SS	
Endrin	ND	1	0.008	0.1	ug/L	05/01/19	05/01/19	SS	
Endrin aldehyde	ND	1	0.009	0.1	ug/L	05/01/19	05/01/19	SS	
Endrin Ketone	ND	1	0.011	0.1	ug/L	05/01/19	05/01/19	SS	
Heptachlor	ND	1	0.003	0.1	ug/L	05/01/19	05/01/19	SS	
Heptachlor epoxide	ND	1	0.002	0.1	ug/L	05/01/19	05/01/19	SS	
Lindane (Gamma-BHC)	ND	1	0.002	0.1	ug/L	05/01/19	05/01/19	SS	
Methoxychlor	ND	1	0.055	0.1	ug/L	05/01/19	05/01/19	SS	
Toxaphene	ND	1	0.48	2	ug/L	05/01/19	05/01/19	SS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*110*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*59*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-091** **Client Sample #:** CG1-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201537		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDE	**23**	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDT	**21**	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/01/19	05/02/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/01/19	05/02/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/01/19	05/02/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/01/19	05/02/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*74*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*67*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-092** **Client Sample #:** CG1-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201537		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/01/19	05/02/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/01/19	05/02/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/01/19	05/02/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/01/19	05/02/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*64*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*61*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-093** **Client Sample #:** CG3-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201537		
4,4'-DDD	ND	5	10.5	25	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDE	**11 J**	5	10	25	ug/Kg	05/01/19	05/02/19	MTS	J
4,4'-DDT	**62**	5	10	25	ug/Kg	05/01/19	05/02/19	MTS	
a-BHC	ND	5	8	25	ug/Kg	05/01/19	05/02/19	MTS	
Aldrin	ND	5	7.5	25	ug/Kg	05/01/19	05/02/19	MTS	
b-BHC	ND	5	7.5	25	ug/Kg	05/01/19	05/02/19	MTS	
Chlordane (technical)	ND	5	175	250	ug/Kg	05/01/19	05/02/19	MTS	
d-BHC	ND	5	6	25	ug/Kg	05/01/19	05/02/19	MTS	
Dieldrin	ND	5	10.5	25	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan I	ND	5	6	25	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan II	ND	5	14	25	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan sulfate	ND	5	17	25	ug/Kg	05/01/19	05/02/19	MTS	
Endrin	ND	5	13.5	25	ug/Kg	05/01/19	05/02/19	MTS	
Endrin aldehyde	ND	5	10.5	25	ug/Kg	05/01/19	05/02/19	MTS	
Endrin Ketone	ND	5	20.5	25	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor	ND	5	6.5	25	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor epoxide	ND	5	11.5	25	ug/Kg	05/01/19	05/02/19	MTS	
Lindane (Gamma-BHC)	ND	5	10	25	ug/Kg	05/01/19	05/02/19	MTS	
Methoxychlor	ND	5	46	50	ug/Kg	05/01/19	05/02/19	MTS	
Toxaphene	ND	5	270	500	ug/Kg	05/01/19	05/02/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*104*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*70*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-094** **Client Sample #:** CG3-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201537		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/01/19	05/02/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/01/19	05/02/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/01/19	05/02/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/01/19	05/02/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*63*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*64*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-095** **Client Sample #:** CG4-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201537		
4,4'-DDD	ND	5	10.5	25	ug/Kg	05/01/19	05/02/19	MTS	D2
4,4'-DDE	**19 J**	5	10	25	ug/Kg	05/01/19	05/02/19	MTS	J,D2
4,4'-DDT	**18 J**	5	10	25	ug/Kg	05/01/19	05/02/19	MTS	J,D2
a-BHC	ND	5	8	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Aldrin	ND	5	7.5	25	ug/Kg	05/01/19	05/02/19	MTS	D2
b-BHC	ND	5	7.5	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Chlordane (technical)	ND	5	175	250	ug/Kg	05/01/19	05/02/19	MTS	D2
d-BHC	ND	5	6	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Dieldrin	ND	5	10.5	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Endosulfan I	ND	5	6	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Endosulfan II	ND	5	14	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Endosulfan sulfate	ND	5	17	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Endrin	ND	5	13.5	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Endrin aldehyde	ND	5	10.5	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Endrin Ketone	ND	5	20.5	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Heptachlor	ND	5	6.5	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Heptachlor epoxide	ND	5	11.5	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Lindane (Gamma-BHC)	ND	5	10	25	ug/Kg	05/01/19	05/02/19	MTS	D2
Methoxychlor	ND	5	46	50	ug/Kg	05/01/19	05/02/19	MTS	D2
Toxaphene	ND	5	270	500	ug/Kg	05/01/19	05/02/19	MTS	D2

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*96*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*72*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-096** **Client Sample #:** CG4-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201537		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDE	**4.4 J**	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	J
4,4'-DDT	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/01/19	05/02/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/01/19	05/02/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/01/19	05/02/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/01/19	05/02/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*70*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*68*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-097** **Client Sample #:** COMP DUP-1 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201537		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDE	**30**	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDT	**26**	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/01/19	05/02/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/01/19	05/02/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/01/19	05/02/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/01/19	05/02/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*72*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*62*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/29/2019 **Site:**
Sample #: **414777-098** **Client Sample #:** COMP DUP-2 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201537		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
4,4'-DDT	**7.3**	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/01/19	05/02/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/01/19	05/02/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/01/19	05/02/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Dieldrin	**2.7 J**	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	J
Endosulfan I	ND	1	1.2	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/01/19	05/02/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/01/19	05/02/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/01/19	05/02/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/01/19	05/02/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/01/19	05/02/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*59*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*58*	*50-150*	

QCBatchID: QC1201474 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 04/30/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201474MB1					
Antimony	**2.09 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Lead	ND	mg/Kg	0.32	1	
Molybdenum	**0.50 J**	mg/Kg	0.13	1	
Nickel	ND	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	ND	mg/Kg	0.42	3	
Vanadium	**0.43 J**	mg/Kg	0.37	0.5	
Zinc	**1.12 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201474LCS1											
Antimony	100		112		mg/Kg	112			80-120		
Arsenic	100		96.3		mg/Kg	96			80-120		
Barium	100		97.6		mg/Kg	98			80-120		
Beryllium	100		92.3		mg/Kg	92			80-120		
Cadmium	100		98.2		mg/Kg	98			80-120		
Chromium	100		96.0		mg/Kg	96			80-120		
Cobalt	100		101		mg/Kg	101			80-120		
Copper	100		97.2		mg/Kg	97			80-120		
Lead	100		103		mg/Kg	103			80-120		
Molybdenum	100		102		mg/Kg	102			80-120		
Nickel	100		105		mg/Kg	105			80-120		
Selenium	100		93.5		mg/Kg	94			80-120		
Silver	100		100		mg/Kg	100			80-120		
Thallium	100		94.7		mg/Kg	95			80-120		
Vanadium	100		101		mg/Kg	101			80-120		
Zinc	100		105		mg/Kg	105			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201474MS1, QC1201474MSD1												**Source: 414759-001**
Antimony	6.62	100	100	22.5	32.9	mg/Kg	16	26	37.5	75-125	20	M,D
Arsenic	ND	100	100	102	102	mg/Kg	102	102	0.0	75-125	20	
Barium	10.7	100	100	116	113	mg/Kg	105	102	2.6	75-125	20	
Beryllium	ND	100	100	97.5	102	mg/Kg	98	102	4.5	75-125	20	
Cadmium	ND	100	100	104	99.7	mg/Kg	104	100	4.2	75-125	20	
Chromium	457	100	100	498	556	mg/Kg	41	99	11.0	75-125	20	NC
Cobalt	0.23	100	100	109	105	mg/Kg	109	105	3.7	75-125	20	
Copper	2.77	100	100	112	107	mg/Kg	109	104	4.6	75-125	20	
Lead	1.65	100	100	108	107	mg/Kg	106	105	0.9	75-125	20	
Molybdenum	1.60	100	100	90.0	93.1	mg/Kg	88	92	3.4	75-125	20	

QCBatchID: QC1201474 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 04/30/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201474MS1, QC1201474MSD1												**Source: 414759-001**
Nickel	0.31	100	100	113	114	mg/Kg	113	114	0.9	75-125	20	
Selenium	ND	100	100	102	102	mg/Kg	102	102	0.0	75-125	20	
Silver	0.15	100	100	109	101	mg/Kg	109	101	7.6	75-125	20	
Thallium	ND	100	100	7.98	15.5	mg/Kg	8	16	64.1	75-125	20	M,D
Vanadium	2.86	100	100	107	104	mg/Kg	104	101	2.8	75-125	20	
Zinc	3.04	100	100	106	102	mg/Kg	103	99	3.8	75-125	20	

QCBatchID:	**QC1201475**	**Analyst:**	dswafford	**Method:**	EPA 6010B
Matrix:	Solid	**Analyzed:**	04/30/2019	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201475MB1					
Lead	**0.78 J**	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201475LCS1											
Lead	100		102		mg/Kg	102			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201475MS1, QC1201475MSD1												**Source: 414777-046**
Lead	275	100	100	224	279	mg/Kg	0	4	21.9	75-125	20	M

QCBatchID: QC1201531 **Analyst:** Abanh **Method:** EPA 8081A

Matrix: Water **Analyzed:** 05/01/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201531MB1					
4,4'-DDD	ND	ug/L	0.011	0.1	
4,4'-DDE	ND	ug/L	0.006	0.1	
4,4'-DDT	ND	ug/L	0.011	0.1	
a-BHC	ND	ug/L	0.002	0.1	
Aldrin	ND	ug/L	0.007	0.1	
b-BHC	ND	ug/L	0.003	0.1	
Chlordane (technical)	ND	ug/L	0.27	1	
d-BHC	ND	ug/L	0.006	0.1	
Dieldrin	ND	ug/L	0.006	0.1	
Endosulfan I	ND	ug/L	0.004	0.1	
Endosulfan II	ND	ug/L	0.011	0.1	
Endosulfan sulfate	ND	ug/L	0.012	0.1	
Endrin	ND	ug/L	0.008	0.1	
Endrin aldehyde	ND	ug/L	0.009	0.1	
Endrin Ketone	ND	ug/L	0.011	0.1	
Heptachlor	ND	ug/L	0.003	0.1	
Heptachlor epoxide	ND	ug/L	0.002	0.1	
Lindane (Gamma-BHC)	ND	ug/L	0.002	0.1	
Methoxychlor	ND	ug/L	0.055	0.1	
Mirex	ND	ug/L	0.057	0.5	
Toxaphene	ND	ug/L	0.48	2	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201531LCS1, QC1201531LCSD1											
4,4'-DDD	0.5	0.5	0.49	0.49	ug/L	98	98	0	42-142	20	
4,4'-DDE	0.5	0.5	0.45	0.46	ug/L	90	92	2	48-133	20	
4,4'-DDT	0.5	0.5	0.59	0.59	ug/L	118	118	0	40-143	20	
a-BHC	0.5	0.5	0.36	0.36	ug/L	72	72	0	55-122	20	
Aldrin	0.5	0.5	0.36	0.37	ug/L	72	74	3	46-117	20	
b-BHC	0.5	0.5	0.40	0.39	ug/L	80	78	3	46-136	20	
d-BHC	0.5	0.5	0.40	0.40	ug/L	80	80	0	53-124	20	
Dieldrin	0.5	0.5	0.42	0.41	ug/L	84	82	2	49-129	20	
Endosulfan I	0.5	0.5	0.41	0.41	ug/L	82	82	0	54-122	20	
Endosulfan II	0.5	0.5	0.48	0.48	ug/L	96	96	0	46-132	20	
Endosulfan sulfate	0.5	0.5	0.53	0.54	ug/L	106	108	2	52-129	20	
Endrin	0.5	0.5	0.49	0.48	ug/L	98	96	2	57-145	20	
Endrin aldehyde	0.5	0.5	0.47	0.47	ug/L	94	94	0	48-116	20	
Endrin Ketone	0.5	0.5	0.57	0.56	ug/L	114	112	2	44-137	20	
Heptachlor	0.5	0.5	0.36	0.36	ug/L	72	72	0	51-128	20	
Heptachlor epoxide	0.5	0.5	0.40	0.40	ug/L	80	80	0	51-122	20	
Lindane (Gamma-BHC)	0.5	0.5	0.38	0.37	ug/L	76	74	3	54-128	20	
Methoxychlor	0.5	0.5	0.63	0.66	ug/L	126	132	5	52-158	20	

QCBatchID: QC1201535 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/01/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201535MB1					
Antimony	ND	mg/L	0.014	0.04	
Arsenic	ND	mg/L	0.008	0.01	
Barium	ND	mg/L	0.002	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Cadmium	ND	mg/L	0.001	0.005	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.001	0.005	
Copper	ND	mg/L	0.004	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.02	
Selenium	**0.018 J**	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Thallium	ND	mg/L	0.009	0.05	
Vanadium	ND	mg/L	0.002	0.005	
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201535LCS1											
Antimony	2		1.95		mg/L	98			80-120		
Arsenic	2		1.84		mg/L	92			80-120		
Barium	2		1.88		mg/L	94			80-120		
Beryllium	2		1.98		mg/L	99			80-120		
Cadmium	2		1.86		mg/L	93			80-120		
Chromium	2		1.88		mg/L	94			80-120		
Cobalt	2		1.90		mg/L	95			80-120		
Copper	2		1.88		mg/L	94			80-120		
Lead	2		1.89		mg/L	95			80-120		
Molybdenum	2		1.96		mg/L	98			80-120		
Nickel	2		1.85		mg/L	93			80-120		
Selenium	2		1.76		mg/L	88			80-120		
Silver	2		1.73		mg/L	87			80-120		
Thallium	2		1.85		mg/L	93			80-120		
Vanadium	2		1.90		mg/L	95			80-120		
Zinc	2		1.90		mg/L	95			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201535MS1, QC1201535MSD1												**Source: 414814-001**
Antimony	ND	1	1	0.992	0.981	mg/L	99	98	1.1	75-125	20	
Arsenic	ND	1	1	0.938	0.899	mg/L	94	90	4.2	75-125	20	
Barium	ND	1	1	0.962	0.978	mg/L	96	98	1.6	75-125	20	
Beryllium	ND	1	1	1.02	1.02	mg/L	102	102	0.0	75-125	20	
Cadmium	0.003	1	1	0.943	0.969	mg/L	94	97	2.7	75-125	20	
Chromium	ND	1	1	0.954	0.976	mg/L	95	98	2.3	75-125	20	
Cobalt	ND	1	1	0.971	0.998	mg/L	97	100	2.7	75-125	20	
Copper	0.019	1	1	1.02	1.02	mg/L	100	100	0.0	75-125	20	
Lead	ND	1	1	0.981	0.957	mg/L	98	96	2.5	75-125	20	
Molybdenum	0.0062	1	1	1.01	0.990	mg/L	100	98	2.0	75-125	20	

QCBatchID: QC1201535 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/01/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201535MS1, QC1201535MSD1												**Source: 414814-001**
Nickel	ND	1	1	0.950	0.968	mg/L	95	97	1.9	75-125	20	
Selenium	ND	1	1	0.886	0.869	mg/L	89	87	1.9	75-125	20	
Silver	ND	1	1	0.912	0.897	mg/L	91	90	1.7	75-125	20	
Thallium	0.016	1	1	0.973	0.940	mg/L	96	92	3.5	75-125	20	
Vanadium	ND	1	1	1.00	0.999	mg/L	100	100	0.1	75-125	20	
Zinc	0.009	1	1	0.978	1.01	mg/L	97	100	3.2	75-125	20	

QCBatchID: QC1201537 **Analyst:** Jarriaga **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/01/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201537MB1					
4,4'-DDD	ND	ug/Kg	2.1	5	
4,4'-DDE	ND	ug/Kg	2	5	
4,4'-DDT	ND	ug/Kg	2	5	
a-BHC	ND	ug/Kg	1.6	5	
Aldrin	ND	ug/Kg	1.5	5	
b-BHC	ND	ug/Kg	1.5	5	
Chlordane (technical)	ND	ug/Kg	35	50	
d-BHC	ND	ug/Kg	1.2	5	
Dieldrin	ND	ug/Kg	2.1	5	
Endosulfan I	ND	ug/Kg	1.2	5	
Endosulfan II	ND	ug/Kg	2.8	5	
Endosulfan sulfate	ND	ug/Kg	3.4	5	
Endrin	ND	ug/Kg	2.7	5	
Endrin aldehyde	ND	ug/Kg	2.1	5	
Endrin Ketone	ND	ug/Kg	4.1	5	
Heptachlor	ND	ug/Kg	1.3	5	
Heptachlor epoxide	ND	ug/Kg	2.3	5	
Lindane (Gamma-BHC)	ND	ug/Kg	2	5	
Methoxychlor	ND	ug/Kg	9.2	10	
Toxaphene	ND	ug/Kg	54	100	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201537LCS1											
4,4'-DDD	50		44		ug/Kg	88			43-172		
4,4'-DDE	50		42		ug/Kg	84			44-163		
4,4'-DDT	50		50		ug/Kg	100			40-158		
a-BHC	50		42		ug/Kg	84			45-150		
Aldrin	50		42		ug/Kg	84			46-142		
b-BHC	50		44		ug/Kg	88			42-156		
d-BHC	50		42		ug/Kg	84			37-161		
Dieldrin	50		43		ug/Kg	86			47-151		
Endosulfan I	50		43		ug/Kg	86			47-141		
Endosulfan II	50		42		ug/Kg	84			44-156		
Endosulfan sulfate	50		47		ug/Kg	94			43-157		
Endrin	50		48		ug/Kg	96			47-160		
Endrin aldehyde	50		30		ug/Kg	60			32-127		
Endrin Ketone	50		46		ug/Kg	92			48-159		
Heptachlor	50		36		ug/Kg	72			50-144		
Heptachlor epoxide	50		36		ug/Kg	72			48-145		
Lindane (Gamma-BHC)	50		40		ug/Kg	80			47-151		
Methoxychlor	50		55		ug/Kg	110			36-182		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201537MS1, QC1201537MSD1												**Source: 414777-091**
4,4'-DDD	ND	50	50	38	41	ug/Kg	76	82	7.6	43-172	20	
4,4'-DDE	23	50	50	54	58	ug/Kg	62	70	7.1	44-163	20	
4,4'-DDT	21	50	50	71	70	ug/Kg	100	98	1.4	40-158	20	
a-BHC	ND	50	50	36	39	ug/Kg	72	78	8.0	45-150	20	

QCBatchID: QC1201537 **Analyst:** Jarriaga **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/01/2019 **Instrument:** SVOA-GC (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201537MS1, QC1201537MSD1												**Source: 414777-091**
Aldrin	ND	50	50	39	42	ug/Kg	78	84	7.4	46-142	20	
b-BHC	ND	50	50	39	43	ug/Kg	78	86	9.8	42-156	20	
d-BHC	ND	50	50	35	39	ug/Kg	70	78	10.8	37-161	20	
Dieldrin	ND	50	50	39	43	ug/Kg	78	86	9.8	47-151	20	
Endosulfan I	ND	50	50	37	40	ug/Kg	74	80	7.8	47-141	20	
Endosulfan II	ND	50	50	38	40	ug/Kg	76	80	5.1	44-156	20	
Endosulfan sulfate	ND	50	50	39	47	ug/Kg	78	94	18.6	43-157	20	
Endrin	ND	50	50	40	44	ug/Kg	80	88	9.5	47-160	20	
Endrin aldehyde	ND	50	50	37	40	ug/Kg	74	80	7.8	32-127	20	
Endrin Ketone	ND	50	50	44	47	ug/Kg	88	94	6.6	48-159	20	
Heptachlor	ND	50	50	32	34	ug/Kg	64	68	6.1	50-144	20	
Heptachlor epoxide	ND	50	50	32	34	ug/Kg	64	68	6.1	48-145	20	
Lindane (Gamma-BHC)	ND	50	50	35	38	ug/Kg	70	76	8.2	47-151	20	
Methoxychlor	ND	50	50	63	65	ug/Kg	126	130	3.1	36-182	20	

QCBatchID:	**QC1203756**	**Analyst:**	dswafford	**Method:**	EPA 6010B
Matrix:	Solid	**Analyzed:**	07/01/2019	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1203756MB1					
Lead	ND	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1203756LCS1											
Lead	100		96.4		mg/Kg	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1203756MS1, QC1203756MSD1												**Source: 414777-002**
Lead	22.3	100	100	103	105	mg/Kg	81	83	1.9	75-125	20	

QCBatchID: QC1204287 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/17/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1204287MB1					
Antimony	**2.20 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Lead	**0.57 J**	mg/Kg	0.32	1	
Molybdenum	**0.56 J**	mg/Kg	0.13	1	
Nickel	**1.49 J**	mg/Kg	0.2	1.5	
Selenium	**1.14 J**	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	ND	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	ND	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1204287LCS1											
Antimony	200		201		mg/Kg	101			80-120		
Arsenic	200		186		mg/Kg	93			80-120		
Barium	200		184		mg/Kg	92			80-120		
Beryllium	200		195		mg/Kg	98			80-120		
Cadmium	200		178		mg/Kg	89			80-120		
Chromium	200		184		mg/Kg	92			80-120		
Cobalt	200		180		mg/Kg	90			80-120		
Copper	200		184		mg/Kg	92			80-120		
Lead	200		181		mg/Kg	91			80-120		
Molybdenum	200		192		mg/Kg	96			80-120		
Nickel	200		173		mg/Kg	87			80-120		
Selenium	200		162		mg/Kg	81			80-120		
Silver	200		177		mg/Kg	89			80-120		
Thallium	200		175		mg/Kg	88			80-120		
Vanadium	200		182		mg/Kg	91			80-120		
Zinc	200		162		mg/Kg	81			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1204287MS1, QC1204287MSD1												**Source: 417283-001**
Antimony	ND	100	100	48.8	44.9	mg/Kg	49	45	8.3	75-125	20	M
Arsenic	12.8	100	100	105	94.4	mg/Kg	92	82	10.6	75-125	20	
Barium	71.7	100	100	171	162	mg/Kg	99	90	5.4	75-125	20	
Beryllium	ND	100	100	101	96.5	mg/Kg	101	97	4.6	75-125	20	
Cadmium	0.45	100	100	90.9	87.6	mg/Kg	90	87	3.7	75-125	20	
Chromium	14.7	100	100	107	102	mg/Kg	92	87	4.8	75-125	20	
Cobalt	6.48	100	100	102	97.6	mg/Kg	96	91	4.4	75-125	20	
Copper	12.1	100	100	99.0	95.7	mg/Kg	87	84	3.4	75-125	20	
Lead	10.4	100	100	112	101	mg/Kg	102	91	10.3	75-125	20	
Molybdenum	0.65	100	100	103	93.1	mg/Kg	102	92	10.1	75-125	20	

QCBatchID: QC1204287 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/17/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1204287MS1, QC1204287MSD1												**Source: 417283-001**
Nickel	8.78	100	100	111	101	mg/Kg	102	92	9.4	75-125	20	
Selenium	ND	100	100	98.4	86.7	mg/Kg	98	87	12.6	75-125	20	
Silver	ND	100	100	93.1	88.5	mg/Kg	93	89	5.1	75-125	20	
Thallium	2.88	100	100	98.0	93.5	mg/Kg	95	91	4.7	75-125	20	
Vanadium	29.5	100	100	125	119	mg/Kg	96	90	4.9	75-125	20	
Zinc	34.4	100	100	120	116	mg/Kg	86	82	3.4	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record Lab No: 414777 Page: 1 of 9

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	Kristina Hill & Dennis Fee

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments
1	AOC1-E-B20-0.5'	4/29/19	1146	SOIL	1-8oz jar	ICE	X			
2	AOC1-E-B20-1.5'		1148						X	
3	AOC1-E-B20-2.5'		1150						X	
4	AOC1-E-B22-0.5'		1158				X			
5	AOC1-E-B22-1.5'		1200						X	
6	AOC1-E-B22-2.5'		1204						X	KMH
7	AOC1-E-B4-0.5'		1240				X	C		CG1-0.5' 91
8	AOC1-E-B4-1.5'		1246						X	
9	AOC1-E-B4-2.5'		1250					C		CG1-2.5' 92
10	AOC1-E-B6-0.5'		1325				X			

CG = composite group sample
X = discrete analysis
C = composite sample - please name composite samples according to group name in comments column

Note: 0.5' & 2.5' samples placed on hold will be requested for analysis as soon as all composite group member samples are collected

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	NMI Geologist	4/29/19 1750
1 Received By:		Lia Leatherman	EA	04/29/19 1750
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & DWF

Test Instructions / Comments: please cc results to: dfee @ ninyoandmoore.com, khill

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold									
11	AOC1-E-B6-1.5'	4/29/19	1330	SOIL	1-Borglass jar	ICE			X									
12	AOC1-E-B6-2.5'		1333						X									
13	AOC1-E-B1-0.5'		1340				X											
14	AOC1-E-B1-1.5'		1345						X									
15	AOC1-E-B1-2.5'		1347						X									
16	AOC1-E-B2-0.5'		1352				X	C									CG1-0.5'	91
17	AOC1-E-B2-1.5'		1356						X									
18	AOC1-E-B2-2.5'		1400					C									CG1-2.5'	92
19	AOC1-E-B3-0.5'		1407				X	C									CG1-0.5'	91
20	AOC1-E-B3-1.5'		1410						X									

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Khshina Hill	N&M Geologist	4/29/19 1750
1 Received By:		Leatherman	EA	04/29/19 1750
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & PWF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments	
21	AOC1-E-B3-2.5'	4/29/19	1412	SOIL	1-8oz jar	ICE		C		CG1-2.5'	92
22	AOC1-E-B7-0.5'		1430				X	C		CG3-0.5'	93
23	AOC1-E-B7-1.5'		1433						X		
24	AOC1-E-B7-2.5'		1436					C		CG3-2.5'	94
25	AOC1-E-B8-0.5'		1442				X	C		CG3-0.5	93
26	AOC1-E-B8-1.5'		1446						X		
27	AOC1-E-B8-2.5'		1450					C		CG3-2.5'	94
28	AOC1-E-B9-0.5'		1452				X	C		CG3-0.5'	93
29	AOC1-E-B9-1.5'		1456						X		
30	AOC1-E-B9-2.5'	↓	1458	↓	↓	↓		C		CG3-2.5'	94

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	4/29/19 1750
1 Received By:		Katherman	EA	04/29/19 1750
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

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Chain of Custody Record

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Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & DWF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Lead (6010B)	Analysis Request: Hold	Test Instructions / Comments
31	AOCI-W-B17-0.5'	4/29/19	0830	SOIL	1-8oz jar	ICE	X		
32	AOCI-W-B17-1.5'		0833					X	
33	AOCI-W-B17-2.5'		0836					X	
34	AOCI-W-B12-0.5'		0849				X		
35	AOCI-W-B12-1.5'		0851					X	
36	AOCI-W-B12-2.5'		0907					X	
37	AOCI-W-B13-0.5'		0912				X		
38	AOCI-W-B13-1.5'		0920					X	
39	AOCI-W-B13-2.5'		0924					X	
40	AOCI-W-B14-0.5'		0932				X		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	4/29/19 1750
[1] Received By:		Leatherman	EA	04/29/19 1750
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				

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Chain of Custody Record — Lab No: 414777 — Page: 5 of 9

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Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & DWF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Hold	Test Instructions / Comments
41	AOCI-W-B14-1.5'	4/29/19	0957	SOIL	1-8oz jar	ICE		X	
42	AOCI-W-B14-2.5'		1000					X	
43	AOCI-W-B22-0.5'		1023				X		
44	AOCI-W-B22-1.5'		1030					X	
45	AOCI-W-B22-2.5'		1032					X	
46	AOCI-W-B27-0.5'		1040				X		
47	AOCI-W-B27-1.5'		1042					X	
48	AOCI-W-B27-2.5'		1050					X	
49	AOCI-W-B26-0.5'		1053				X		
50	AOCI-W-B26-1.5'	↓	1055	↓	↓	↓		X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	4/29/19 1750
[1] Received By:		leatherman	EA	04/29/19 1750
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				

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Chain of Custody Record

Lab No: 414777

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Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & DWF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Lead (6010B)	Analysis Request: Hold	Test Instructions / Comments
51	AOC1-W-B26-2.5'	4/29/19	1057	SOIL	1-8oz jar	ICE		X	
52	AOC1-W-B24-0.5'		1106				X		
53	AOC1-W-B24-1.5'		1109					X	
54	AOC1-W-B24-2.5'		1111					X	
55	AOC1-W-B25-0.5'		1139				X		
56	AOC1-W-B25-1.5'		1142					X	
57	AOC1-W-B25-2.5'		1143					X	
58	AOC1-W-B31-0.5'		1154				X		
59	AOC1-W-B31-1.5'		1157					X	
60	AOC1-W-B31-2.5'	↓	1200	↓	↓	↓		X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	4/29/19 1750
1 Received By:		Lia Leatherman	EA	04/29/19 1750
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414777

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Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & DWF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Hold	Test Instructions / Comments
61	AOC1-W-B32-0.5'	4/29/19	1325	SOIL	1-Borjar	ICE	X		
62	AOC1-W-B32-1.5'		1329					X	
63	AOC1-W-B32-2.5'		1332					X	
64	AOC1-W-B30-0.5'		1349				X		
65	AOC1-W-B30-1.5'		1352					X	
66	AOC1-W-B30-2.5'		1355					X	
67	AOC1-W-B33-0.5'		1409				X		
68	AOC1-W-B33-1.5'		1412					X	
69	AOC1-W-B33-2.5'		1416					X	
70	AOC1-W-B42-0.5'		1425				X		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	4/29/19 1750
1 Received By:		Leatherman	EA	04/29/19 1750
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

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Chain of Custody Record Lab No: 414777 Page: 8 of 9

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & DWF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments	
71	AOC1-W-B42-1.5'	4/24/19	1430	SOIL	1-8oz jar	ICE			X		
72	AOC1-W-B42-2.5'		1435						X		
73	AOC1-E-B11-0.5'		1450				X	C		CG4-0.5'	95
74	AOC1-E-B11-1.5'		1455						X		
75	AOC1-E-B11-2.5'		1500					C		CG4-2.5'	96
76	AOC1-E-B12-0.5'		1503				X	C		CG4-0.5'	95
77	AOC1-E-B12-1.5'		1506						X		
78	AOC1-E-B12-2.5'		1508					C		CG4-2.5'	96
79	AOC1-E-B10-0.5'		1510				X	C		CG4-0.5'	95
80	AOC1-E-B10-1.5'	"	1513	"	"	"			X		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	4/29/19 1750
1 Received By:		Meredith Herman	EA	04/29/19 1750
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

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Chain of Custody Record Lab No: 414777 Page: 9 of 9

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & DWF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	KMH 4/29/19	OCPs (8081A)	Test Instructions / Comments
81	AOC1-E-B10-2.5	4/29/19	1516	SOIL	1-8oz jar	ICE				
82	DUP-1		—				X		C	COMP DUP-1
83	DUP-2		—				X		C	COMP DUP-1
84	DUP-3		—				X		C	COMP DUP-1
85	DUP-4		—				X		C	COMP DUP-2
86	DUP-5		—				X		C	COMP DUP-2
87	DUP-6		—				X		C	COMP DUP-2
88	DUP-7		—				X			
89	DUP-8		—				X			
90	EB-042919		—	H_2O	1 Amber jar					

COMP DUP = composite grab sample duplicate

97 | 98 |

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	4/29/19 1750
1 Received By:		Lorie Silverman	EA	04/29/19 1750
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton HS PEA

Date Received: 4/29/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): ____

Sample Temp (°C), One from each cooler: #1: 17.3 #2: 9.9 #3: ____ #4: ____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: ____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other ____

Cooler Temp (°C): #1: -0.4 #2: -0.3 #3: ____ #4: ____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Two samples ~~were~~ unmarked for analysis.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: ____ Date/Time ____

☒ Email (email sent to/on): RC / 4/29/19

Project Manager's response:

Completed By: [signature] Date: 04/29/19

Ranjit Clarke

From: Kristina Hill
Sent: Tuesday, April 30, 2019 11:21 AM
To: Ranjit Clarke
Subject: 210886001 - 4-29-19 Sample ID Label Error

Hello Ranjit,

Three of the samples submitted yesterday, 4-29-19, were mislabeled. Could the samples listed below please be renamed as follows in the report when complete?

Incorrect ID:	Correct ID:
- AOC1-W-B30-0.5	AOC1-W-**B39**-0.5
- AOC1-W-B30-1.5	AOC1-W-**B39**-1.5
- AOC1-W-B30-2.5	AOC1-W-**B39**-2.5

Thank you!

Sent from my Sprint Samsung Galaxy S9.

Kristina Hill, GIT
Staff Geologist
Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

475 Goddard, Suite 200 | Irvine, CA 92618

(949) 753-7070 **ext. 12227** | (949) 795-2519 (Cell)

Ranjit Clarke

From: Kristina Hill
Sent: Tuesday, April 30, 2019 12:00 PM
To: Ranjit Clarke
Subject: RE: 210886001 - 4-29-19 Sample ID Label Error

Thank you, Ranjit!

Regarding the other notes:

- Please do analyze the equipment blank for OCPs (8081A) and Lead (6010B). Is this possible with some dilution, if necessary?
- Please analyze sample AOC1-E-B10-2.5 as part of composite group "CG4-2.5'" (It should be composited with AOC1-E-B11-2.5 and AOC1-E-B12-2.5).

Thanks,

Kristina Hill, GIT
Staff Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200 | Irvine, CA 92618
(949) 753-7070 **ext. 12227** | (949) 795-2519 (Cell)
www.ninyoandmoore.com

30 Years of Quality Service

From: Ranjit Clarke [mailto:ranjit.clarke@enthalpy.com]
Sent: Tuesday, April 30, 2019 11:49 AM
To: Kristina Hill <khill@ninyoandmoore.com>
Subject: RE: 210886001 - 4-29-19 Sample ID Label Error
Importance: High

I'll make the changes. Also, there are a couple of issues my lab noted (pg. 9 of 9):

1. No analyses were marked for the Equipment Blank. We received a 1L Amber. Please confirm if you need 8081A analysis on this sample.
2. Do you want anything analyzed for sample "AOC1-E-B10-2.5"? The "hold" was crossed off, but no analyses were marked on the COC For this sample.

Thanks,

Ranjit

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Ranjit Clarke

From: Patrick J. Cullip
Sent: Friday, June 28, 2019 4:45 PM
To: Ranjit Clarke
Cc: Audrey Carroll; Jay Roberts
Subject: RE: Compton HS - Additional Lead Analyses

Ranjit,

Please analyze the following soil samples previously placed on hold for the Compton HS project for lead by 6010B with a 2 day TAT:

AOC1-E-B1-1.5
AOC1-E-B2-1.5
AOC1-E-B3-1.5
AOC1-E-B4-1.5
AOC1-E-B6-1.5
AOC1-E-B7-1.5
AOC1-E-B8-1.5
AOC1-E-B9-1.5
AOC1-E-B10-1.5
AOC1-E-B11-1.5
AOC1-E-B12-1.5
AOC1-E-B19-1.5
AOC1-E-B20-1.5
AOC1-E-B31-1.5
AOC1-E-B32-1.5
AOC1-E-B33-1.5
AOC1-E-B34-1.5
AOC1-E-B36-1.5
AOC1-E-B37-1.5
AOC1-E-B38-1.5
AOC1-E-B39-1.5

AOC1-W-B1-1.5
AOC1-W-B2-1.5
AOC1-W-B7-1.5
AOC1-W-B13-1.5
AOC1-W-B22-1.5
AOC1-W-B23-1.5
AOC1-W-B26-1.5
AOC1-W-B27-1.5
AOC1-W-B40-1.5
AOC1-W-B48-1.5

AOC4-B18-S1-10

AOC5-B1-1.5
AOC5-B5-1.5

AOC5-B8-1.5
AOC5-B10-1.5
AOC5-B11-1.5
AOC5-B12-1.5
AOC5-B13-1.5
AOC5-B14-1.5
AOC5-B15-1.5
AOC5-B17-1.5
AOC5-B21-1.5
AOC5-B23-1.5
AOC5-B25-1.5

Thanks,
Patrick

From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Wednesday, June 5, 2019 5:01 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Subject: Re: Compton HS - Additional Lead Analyses

Thanks for the notice.

On Wed, Jun 5, 2019 at 4:36 PM Patrick J. Cullip <pcullip@ninyoandmoore.com> wrote:

> Ranjit,
>
> Since we head several 0.5-foot soil samples collected for Compton HS that had elevated lead, we will be requesting that the deeper samples (1.5 and 2.5-foot) soil samples from the same borings will be analyzed for lead as well. I am working on an amendment to send to the client, which will need to be authorized before we can proceed. I just wanted to give you a heads up that some of the samples we placed on hold will soon be analyzed. Once we get authorization, we'll send a complete list of the samples to be analyzed.
>
> Thanks,
>
> **Patrick Cullip**
> Project Engineer
> **Ninyo & Moore**
>
> Geotechnical & Environmental Sciences Consultants
>
> 475 Goddard, Suite 200 | Irvine, CA 92618
>
> (949) 753-7070 (**x12286**) | (949) 307-4114 (Cell)
>
> **www.ninyoandmoore.com**

Ranjit Clarke

From: Patrick J. Cullip
Sent: Tuesday, July 16, 2019 8:48 AM
To: Ranjit Clarke
Cc: Jay Roberts; Kristina Hill
Subject: RE: Compton High School PEA (05/01/19) - Enthalpy Analytical Final Report #414852 - Supplemental Report 1

Ranjit,

Change the TAT to 2-day.

Thanks,
Patrick

From: Patrick J. Cullip
Sent: Tuesday, July 16, 2019 8:31 AM
To: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Cc: Jay Roberts <jroberts@ninyoandmoore.com>; Kristina Hill <khill@ninyoandmoore.com>
Subject: RE: Compton High School PEA (05/01/19) - Enthalpy Analytical Final Report #414852 - Supplemental Report 1

Ranjit,

For the Compton HS project, please analyze the following samples for lead by 6010B under normal TAT:

- AOC1-W-B13-2.5
- AOC1-W-B27-2.5
- AOC1-E-B10-2.5
- AOC1-E-B12-2.5
- AOC5-B14-2.5
- AOC5-B15-2.5
- AOC5-B21-2.5
- AOC5-B25-2.5

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Tuesday, July 2, 2019 8:31 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>; Kristina Hill <khill@ninyoandmoore.com>
Subject: Compton High School PEA (05/01/19) - Enthalpy Analytical Final Report #414852 - Supplemental Report 1

Hi Patrick Cullip,
Attached is your final report #414852. Supplemental Report 1 – Additional Lead results requested on 06/28/19 are now included.

Thank you.

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip

Lab Request: 414821
Report Date: 07/02/2019
Date Received: 05/01/2019
Client ID: 15461

Comments: Compton High School PEA
#210886001
601 S. Acacia Ave., Compton, CA 90220

Supplemental Report 1 - Additional Lead results requested on 06/28/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
414821-001	AOC1-W-B41-0.5'	414821-027	AOC1-W-B47-2.5'	414821-053	AOC1-W-B23-1.5'
414821-002	AOC1-W-B41-1.5'	414821-028	AOC1-W-B48-0.5'	414821-054	AOC1-W-B23-2.5'
414821-003	AOC1-W-B41-2.5'	414821-029	AOC1-W-B48-1.5'	414821-055	AOC1I-W-B21-0.5'
414821-004	AOC1-W-B40-0.5'	414821-030	AOC1-W-B48-2.5'	414821-056	AOC1-W-B21-1.5'
414821-005	AOC1-W-B40-1.5'	414821-031	AOC1-W-B28-0.5'	414821-057	AOC1-W-B21-2.5'
414821-006	AOC1-W-B40-2.5'	414821-032	AOC1-W-B28-1.5'	414821-058	AOC1-W-B16-0.5'
414821-007	AOC1-W-B37-0.5'	414821-033	AOC1-W-B28-2.5'	414821-059	AOC1-W-B16-1.5'
414821-008	AOC1-W-B37-1.5'	414821-034	AOC1-W-B35-0.5'	414821-060	AOC1-W-B16-2.5'
414821-009	AOC1-W-B37-2.5'	414821-035	AOC1-W-B35-1.5'	414821-061	DUP-9
414821-010	AOC1-W-B38-0.5'	414821-036	AOC1-W-B35-2.5'	414821-062	DUP-10
414821-011	AOC1-W-B38-1.5'	414821-037	AOC1-W-B36-0.5'	414821-063	DUP-11
414821-012	AOC1-W-B38-2.5'	414821-038	AOC1-W-B36-1.5'	414821-064	DUP-12
414821-013	AOC1-W-B43-0.5'	414821-039	AOC1-W-B36-2.5'	414821-065	EB-043019
414821-014	AOC1-W-B43-1.5'	414821-040	AOC1-W-B29-0.5'	414821-066	CG21-0.5'
414821-015	AOC1-W-B43-2.5'	414821-041	AOC1-W-B29-1.5'	414821-067	CG22-0.5'
414821-016	AOC1-W-B44-0.5'	414821-042	AOC1-W-B29-2.5'	414821-068	CG21-2.5'
414821-017	AOC1-W-B44-1.5'	414821-043	AOC1-W-B34-0.5'	414821-069	CG22-2.5'
414821-018	AOC1-W-B44-2.5'	414821-044	AOC1-W-B34-1.5'	414821-070	CG23-0.5'
414821-019	AOC1-W-B45-0.5'	414821-045	AOC1-W-B34-2.5'	414821-071	CG23-2.5'
414821-020	AOC1-W-B45-1.5'	414821-046	AOC1-W-B30-0.5'	414821-072	CG24-0.5'
414821-021	AOC1-W-B45-2.5'	414821-047	AOC1-W-B30-1.5'	414821-073	CG24-2.5'
414821-022	AOC1-W-B46-0.5'	414821-048	AOC1I-W-B30-2.5'	414821-074	CG19-0.5'
414821-023	AOC1-W-B46-1.5'	414821-049	AOC1-W-B15-0.5'	414821-075	CG-19-2.5'
414821-024	AOC1-W-B46-2.5'	414821-050	AOC1-W-B15-1.5'	414821-076	CG17-0.5'
414821-025	AOC1-W-B47-0.5'	414821-051	AOC1-W-B15-2.5'	414821-077	CG17-2.5'
414821-026	AOC1-W-B47-1.5'	414821-052	AOC1-W-B23-0.5'	414821-078	CG20-0.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	Ninyo & Moore
Address:	475 Goddard Suite 200 Irvine, CA 92618
Attn:	Patrick Cullip

Lab Request:	414821
Report Date:	07/02/2019
Date Received:	05/01/2019
Client ID:	15461

Comments: Compton High School PEA
#210886001
601 S. Acacia Ave., Compton, CA 90220

Supplemental Report 1 - Additional Lead results requested on 06/28/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
414821-079	CG20-2.5'
414821-080	COMP DUP-3
414821-081	COMP DUP-4

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 10:58 **Site:**
Sample #: **414821-001** **Client Sample #:** AOC1-W-B41-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201562		
Lead	**27.3**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 11:00 **Site:**
Sample #: **414821-002** **Client Sample #:** AOC1-W-B41-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 11:02 **Site:**
Sample #: **414821-003** **Client Sample #:** AOC1-W-B41-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 11:20 **Site:**
Sample #: **414821-004** **Client Sample #:** AOC1-W-B40-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201562		
Lead	**106**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 11:57 **Site:**
Sample #: **414821-005** **Client Sample #:** AOC1-W-B40-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1203756		
Lead	**18.4**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 12:04 **Site:**
Sample #: **414821-006** **Client Sample #:** AOC1-W-B40-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 11:40 **Site:**
Sample #: **414821-007** **Client Sample #:** AOC1-W-B37-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201562		
Lead	**12.8**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 11:42 **Site:**
Sample #: **414821-008** **Client Sample #:** AOC1-W-B37-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 11:45 **Site:**
Sample #: **414821-009** **Client Sample #:** AOC1-W-B37-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 12:24 **Site:**
Sample #: **414821-010** **Client Sample #:** AOC1-W-B38-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 12:27 **Site:**
Sample #: **414821-011** **Client Sample #:** AOC1-W-B38-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 12:32 **Site:**
Sample #: **414821-012** **Client Sample #:** AOC1-W-B38-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 12:46 **Site:**
Sample #: **414821-013** **Client Sample #:** AOC1-W-B43-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**43.8**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 12:48 **Site:**
Sample #: **414821-014** **Client Sample #:** AOC1-W-B43-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 12:50 **Site:**
Sample #: **414821-015** **Client Sample #:** AOC1-W-B43-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:00 **Site:**
Sample #: **414821-016** **Client Sample #:** AOC1-W-B44-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**20.3**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:02 **Site:**
Sample #: 414821-017 **Client Sample #:** AOC1-W-B44-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:04 **Site:**
Sample #: 414821-018 **Client Sample #:** AOC1-W-B44-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:08 **Site:**
Sample #: 414821-019 **Client Sample #:** AOC1-W-B45-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**20.5**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:12 **Site:**
Sample #: 414821-020 **Client Sample #:** AOC1-W-B45-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:13 **Site:**
Sample #: 414821-021 **Client Sample #:** AOC1-W-B45-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:20 **Site:**
Sample #: 414821-022 **Client Sample #:** AOC1-W-B46-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**16.4**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:23 **Site:**
Sample #: 414821-023 **Client Sample #:** AOC1-W-B46-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:36 **Site:**
Sample #: 414821-024 **Client Sample #:** AOC1-W-B46-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:35 **Site:**
Sample #: 414821-025 **Client Sample #:** AOC1-W-B47-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**16.8**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:37 **Site:**
Sample #: 414821-026 **Client Sample #:** AOC1-W-B47-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:39 **Site:**
Sample #: 414821-027 **Client Sample #:** AOC1-W-B47-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:43 **Site:**
Sample #: 414821-028 **Client Sample #:** AOC1-W-B48-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**108**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:45 **Site:**
Sample #: 414821-029 **Client Sample #:** AOC1-W-B48-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**24.9**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 13:47 **Site:**
Sample #: 414821-030 **Client Sample #:** AOC1-W-B48-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:11 **Site:**
Sample #: 414821-031 **Client Sample #:** AOC1-W-B28-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**48.6**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:13 **Site:**
Sample #: 414821-032 **Client Sample #:** AOC1-W-B28-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:15 **Site:**
Sample #: **414821-033** **Client Sample #:** AOC1-W-B28-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:25 **Site:**
Sample #: **414821-034** **Client Sample #:** AOC1-W-B35-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**29.6**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:30 **Site:**
Sample #: **414821-035** **Client Sample #:** AOC1-W-B35-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:33 **Site:**
Sample #: **414821-036** **Client Sample #:** AOC1-W-B35-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:42 **Site:**
Sample #: **414821-037** **Client Sample #:** AOC1-W-B36-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**7.51**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:46 **Site:**
Sample #: **414821-038** **Client Sample #:** AOC1-W-B36-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:50 **Site:**
Sample #: **414821-039** **Client Sample #:** AOC1-W-B36-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 15:55 **Site:**
Sample #: **414821-040** **Client Sample #:** AOC1-W-B29-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	**23.7**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-041 **Client Sample #:** AOC1-W-B29-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-042 **Client Sample #:** AOC1-W-B29-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-043 **Client Sample #:** AOC1-W-B34-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201601
Lead	**33.5**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-044 **Client Sample #:** AOC1-W-B34-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-045 **Client Sample #:** AOC1-W-B34-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-046 **Client Sample #:** AOC1-W-B30-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201562
Lead	**22.9**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-047 **Client Sample #:** AOC1-W-B30-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-048 **Client Sample #:** AOC1I-W-B30-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: **414821-049** **Client Sample #:** AOC1-W-B15-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201562		
Lead	**75.8**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: **414821-050** **Client Sample #:** AOC1-W-B15-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 17:24 **Site:**
Sample #: **414821-051** **Client Sample #:** AOC1-W-B15-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 17:29 **Site:**
Sample #: **414821-052** **Client Sample #:** AOC1-W-B23-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201562		
Lead	**403**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 17:35 **Site:**
Sample #: **414821-053** **Client Sample #:** AOC1-W-B23-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1203756		
Lead	**14.7**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 17:40 **Site:**
Sample #: **414821-054** **Client Sample #:** AOC1-W-B23-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 17:50 **Site:**
Sample #: **414821-055** **Client Sample #:** AOC1I-W-B21-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201562		
Lead	**28.6**	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 17:55 **Site:**
Sample #: **414821-056** **Client Sample #:** AOC1-W-B21-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 18:00 **Site:**
Sample #: 414821-057 **Client Sample #:** AOC1-W-B21-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 18:05 **Site:**
Sample #: 414821-058 **Client Sample #:** AOC1-W-B16-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	62.3	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 18:12 **Site:**
Sample #: 414821-059 **Client Sample #:** AOC1-W-B16-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 18:15 **Site:**
Sample #: 414821-060 **Client Sample #:** AOC1-W-B16-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-061 **Client Sample #:** DUP-9 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201562		
Lead	26.4	1	0.32	1	mg/Kg	05/02/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-062 **Client Sample #:** DUP-10 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-063 **Client Sample #:** DUP-11 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 04/30/2019 **Site:**
Sample #: 414821-064 **Client Sample #:** DUP-12 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	N/A	1							

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-065**	**Client Sample #:**	EB-043019	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3010A							QCBatchID: QC1201569		
Lead	**0.015**	1	0.005	0.01	mg/L	05/02/19	05/03/19	KLN	
Method: EPA 8081A *NELAC* Prep Method: EPA 3510C							QCBatchID: QC1201531		
4,4'-DDD	ND	1	0.011	0.1	ug/L	05/01/19	05/01/19	SS	
4,4'-DDE	ND	1	0.006	0.1	ug/L	05/01/19	05/01/19	SS	
4,4'-DDT	ND	1	0.011	0.1	ug/L	05/01/19	05/01/19	SS	
a-BHC	ND	1	0.002	0.1	ug/L	05/01/19	05/01/19	SS	
Aldrin	ND	1	0.007	0.1	ug/L	05/01/19	05/01/19	SS	
b-BHC	ND	1	0.003	0.1	ug/L	05/01/19	05/01/19	SS	
Chlordane (technical)	ND	1	0.27	1	ug/L	05/01/19	05/01/19	SS	
d-BHC	ND	1	0.006	0.1	ug/L	05/01/19	05/01/19	SS	
Dieldrin	ND	1	0.006	0.1	ug/L	05/01/19	05/01/19	SS	
Endosulfan I	ND	1	0.004	0.1	ug/L	05/01/19	05/01/19	SS	
Endosulfan II	ND	1	0.011	0.1	ug/L	05/01/19	05/01/19	SS	
Endosulfan sulfate	ND	1	0.012	0.1	ug/L	05/01/19	05/01/19	SS	
Endrin	ND	1	0.008	0.1	ug/L	05/01/19	05/01/19	SS	
Endrin aldehyde	ND	1	0.009	0.1	ug/L	05/01/19	05/01/19	SS	
Endrin Ketone	ND	1	0.011	0.1	ug/L	05/01/19	05/01/19	SS	
Heptachlor	ND	1	0.003	0.1	ug/L	05/01/19	05/01/19	SS	
Heptachlor epoxide	ND	1	0.002	0.1	ug/L	05/01/19	05/01/19	SS	
Lindane (Gamma-BHC)	ND	1	0.002	0.1	ug/L	05/01/19	05/01/19	SS	
Methoxychlor	ND	1	0.055	0.1	ug/L	05/01/19	05/01/19	SS	
Toxaphene	ND	1	0.48	2	ug/L	05/01/19	05/01/19	SS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*96*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*45*	*50-150*	*S*

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-066**	**Client Sample #:**	CG21-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	5	10.5	25	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	5	10	25	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	**17 J**	5	10	25	ug/Kg	05/09/19	05/09/19	MTS	J
a-BHC	ND	5	8	25	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	5	7.5	25	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	5	7.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	5	175	250	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	5	6	25	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	5	10.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	5	6	25	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	5	14	25	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	5	17	25	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	5	13.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	5	10.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	5	20.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	5	6.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	5	11.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	5	10	25	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	5	46	50	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	5	270	500	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*81*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*71*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*68*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-067**	**Client Sample #:**	CG22-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*62*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*61*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*55*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-068**	**Client Sample #:**	CG21-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	D2
4,4'-DDE	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	D2
4,4'-DDT	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	D2
a-BHC	ND	2	3.2	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Aldrin	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	D2
b-BHC	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Chlordane (technical)	ND	2	70	100	ug/Kg	05/09/19	05/09/19	MTS	D2
d-BHC	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Dieldrin	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Endosulfan I	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Endosulfan II	ND	2	5.6	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Endrin	ND	2	5.4	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Heptachlor	ND	2	2.6	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	D2
Methoxychlor	ND	2	18.4	20	ug/Kg	05/09/19	05/09/19	MTS	D2
Toxaphene	ND	2	108	200	ug/Kg	05/09/19	05/09/19	MTS	D2

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*92*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*75*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*60*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-069**	**Client Sample #:**	CG22-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*75*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*70*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*55*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-070**	**Client Sample #:**	CG23-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	**320**	2	70	100	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*70*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*229*	*50-150*	*S interference.*

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/06/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*87*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-071**	**Client Sample #:**	CG23-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*74*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*69*	*50-150*	

Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*85*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-072**	**Client Sample #:**	CG24-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	**3.3 J**	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	J
4,4'-DDT	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*84*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*110*	*50-150*	

Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*55*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-073**	**Client Sample #:**	CG24-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*56*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*61*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*65*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-074**	**Client Sample #:**	CG19-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	**35**	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	**35**	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	**340**	2	70	100	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*55*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*55*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*65*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-075**	**Client Sample #:**	CG-19-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*71*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*65*	*50-150*	

Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*51*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-076**	**Client Sample #:**	CG17-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	**11**	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	**9.5 J**	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	J
a-BHC	ND	2	3.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	2	70	100	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*65*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*61*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*54*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-077**	**Client Sample #:**	CG17-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*69*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*65*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/06/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*67*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-078**	**Client Sample #:**	CG20-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	**23**	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	**560**	2	70	100	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*76*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*67*	*50-150*	

Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*53*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-079**	**Client Sample #:**	CG20-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	**12**	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	**210**	1	35	50	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*52*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*54*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*56*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-080**	**Client Sample #:**	COMP DUP-3	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	5	10.5	25	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	**13 J**	5	10	25	ug/Kg	05/09/19	05/09/19	MTS	J
4,4'-DDT	ND	5	10	25	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	5	8	25	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	5	7.5	25	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	5	7.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	5	175	250	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	5	6	25	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	5	10.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	5	6	25	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	5	14	25	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	5	17	25	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	5	13.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	5	10.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	5	20.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	5	6.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	5	11.5	25	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	5	10	25	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	5	46	50	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	5	270	500	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*92*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*89*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*55*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	04/30/2019	**Site:**			
Sample #:	**414821-081**	**Client Sample #:**	COMP DUP-4	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201786		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/09/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/09/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/09/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/09/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/09/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/09/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/09/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/09/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*61*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*60*	*50-150*	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8082 *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201561		
PCB-1016	ND	1	3	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1221	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1232	ND	1	9.5	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1242	ND	1	14	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1248	ND	1	19	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1254	ND	1	20	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1260	ND	1	6.9	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1262	ND	1	17	50	ug/Kg	05/02/19	05/03/19	MTS	
PCB-1268	ND	1	8.6	50	ug/Kg	05/02/19	05/03/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*52*	*50-150*	

QCBatchID: QC1201531 **Analyst:** Abanh **Method:** EPA 8081A

Matrix: Water **Analyzed:** 05/01/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201531MB1					
4,4'-DDD	ND	ug/L	0.011	0.1	
4,4'-DDE	ND	ug/L	0.006	0.1	
4,4'-DDT	ND	ug/L	0.011	0.1	
a-BHC	ND	ug/L	0.002	0.1	
Aldrin	ND	ug/L	0.007	0.1	
b-BHC	ND	ug/L	0.003	0.1	
Chlordane (technical)	ND	ug/L	0.27	1	
d-BHC	ND	ug/L	0.006	0.1	
Dieldrin	ND	ug/L	0.006	0.1	
Endosulfan I	ND	ug/L	0.004	0.1	
Endosulfan II	ND	ug/L	0.011	0.1	
Endosulfan sulfate	ND	ug/L	0.012	0.1	
Endrin	ND	ug/L	0.008	0.1	
Endrin aldehyde	ND	ug/L	0.009	0.1	
Endrin Ketone	ND	ug/L	0.011	0.1	
Heptachlor	ND	ug/L	0.003	0.1	
Heptachlor epoxide	ND	ug/L	0.002	0.1	
Lindane (Gamma-BHC)	ND	ug/L	0.002	0.1	
Methoxychlor	ND	ug/L	0.055	0.1	
Mirex	ND	ug/L	0.057	0.5	
Toxaphene	ND	ug/L	0.48	2	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201531LCS1, QC1201531LCSD1											
4,4'-DDD	0.5	0.5	0.49	0.49	ug/L	98	98	0	42-142	20	
4,4'-DDE	0.5	0.5	0.45	0.46	ug/L	90	92	2	48-133	20	
4,4'-DDT	0.5	0.5	0.59	0.59	ug/L	118	118	0	40-143	20	
a-BHC	0.5	0.5	0.36	0.36	ug/L	72	72	0	55-122	20	
Aldrin	0.5	0.5	0.36	0.37	ug/L	72	74	3	46-117	20	
b-BHC	0.5	0.5	0.40	0.39	ug/L	80	78	3	46-136	20	
d-BHC	0.5	0.5	0.40	0.40	ug/L	80	80	0	53-124	20	
Dieldrin	0.5	0.5	0.42	0.41	ug/L	84	82	2	49-129	20	
Endosulfan I	0.5	0.5	0.41	0.41	ug/L	82	82	0	54-122	20	
Endosulfan II	0.5	0.5	0.48	0.48	ug/L	96	96	0	46-132	20	
Endosulfan sulfate	0.5	0.5	0.53	0.54	ug/L	106	108	2	52-129	20	
Endrin	0.5	0.5	0.49	0.48	ug/L	98	96	2	57-145	20	
Endrin aldehyde	0.5	0.5	0.47	0.47	ug/L	94	94	0	48-116	20	
Endrin Ketone	0.5	0.5	0.57	0.56	ug/L	114	112	2	44-137	20	
Heptachlor	0.5	0.5	0.36	0.36	ug/L	72	72	0	51-128	20	
Heptachlor epoxide	0.5	0.5	0.40	0.40	ug/L	80	80	0	51-122	20	
Lindane (Gamma-BHC)	0.5	0.5	0.38	0.37	ug/L	76	74	3	54-128	20	
Methoxychlor	0.5	0.5	0.63	0.66	ug/L	126	132	5	52-158	20	

QCBatchID: QC1201561 **Analyst:** Jarriaga **Method:** EPA 8082

Matrix: Solid **Analyzed:** 05/02/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201561MB1					
PCB-1016	ND	ug/Kg	3	50	
PCB-1221	ND	ug/Kg	14	50	
PCB-1232	ND	ug/Kg	9.5	50	
PCB-1242	ND	ug/Kg	14	50	
PCB-1248	ND	ug/Kg	19	50	
PCB-1254	ND	ug/Kg	20	50	
PCB-1260	ND	ug/Kg	6.9	50	
PCB-1262	ND	ug/Kg	17	50	
PCB-1268	ND	ug/Kg	8.6	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201561LCS1											
PCB-1016	500		480		ug/Kg	96			70-130		
PCB-1260	500		460		ug/Kg	92			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201561MS1, QC1201561MSD1												**Source: 414821-066**
PCB-1016	ND	500	500	440	520	ug/Kg	88	104	16.7	70-130	20	
PCB-1260	ND	500	500	540	580	ug/Kg	108	116	7.1	70-130	20	

QCBatchID: QC1201562 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/02/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201562MB1					
Lead	ND	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201562LCS1											
Lead	100		109		mg/Kg	109			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201562MS1, QC1201562MSD1												**Source: 414821-001**
Lead	27.3	100	100	164	148	mg/Kg	137	121	10.3	75-125	20	M

QCBatchID:	**QC1201569**	**Analyst:**	dswafford	**Method:**	EPA 6010B
Matrix:	Water	**Analyzed:**	05/02/2019	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201569MB1					
Lead	ND	mg/L	0.005	0.01	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201569LCS1, QC1201569LCSD1											
Lead	2	2	2.39	2.20	mg/L	120	110	8	80-120	20	

QCBatchID: QC1201601 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/03/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201601MB1					
Antimony	**2.33 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	**0.43 J**	mg/Kg	0.31	1	
Lead	**0.61 J**	mg/Kg	0.32	1	
Molybdenum	ND	mg/Kg	0.13	1	
Nickel	**0.25 J**	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	**2.63 J**	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	**0.45 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201601LCS1											
Antimony	100		116		mg/Kg	116			80-120		
Arsenic	100		102		mg/Kg	102			80-120		
Barium	100		105		mg/Kg	105			80-120		
Beryllium	100		95.0		mg/Kg	95			80-120		
Cadmium	100		107		mg/Kg	107			80-120		
Chromium	100		103		mg/Kg	103			80-120		
Cobalt	100		109		mg/Kg	109			80-120		
Copper	100		107		mg/Kg	107			80-120		
Lead	100		112		mg/Kg	112			80-120		
Molybdenum	100		107		mg/Kg	107			80-120		
Nickel	100		111		mg/Kg	111			80-120		
Selenium	100		99.1		mg/Kg	99			80-120		
Silver	100		102		mg/Kg	102			80-120		
Thallium	100		103		mg/Kg	103			80-120		
Vanadium	100		105		mg/Kg	105			80-120		
Zinc	100		112		mg/Kg	112			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201601MS1, QC1201601MSD1												**Source: 414896-001**
Antimony	1.16	100	100	88.1	85.8	mg/Kg	87	85	2.6	75-125	20	
Arsenic	1.20	100	100	99.0	92.3	mg/Kg	98	91	7.0	75-125	20	
Barium	15.6	100	100	113	121	mg/Kg	97	105	6.8	75-125	20	
Beryllium	ND	100	100	99.8	94.5	mg/Kg	100	95	5.5	75-125	20	
Cadmium	ND	100	100	96.4	97.3	mg/Kg	96	97	0.9	75-125	20	
Chromium	3.14	100	100	98.2	96.6	mg/Kg	95	93	1.6	75-125	20	
Cobalt	2.20	100	100	101	101	mg/Kg	99	99	0.0	75-125	20	
Copper	9.38	100	100	103	100	mg/Kg	94	91	3.0	75-125	20	
Lead	1.84	100	100	106	98.4	mg/Kg	104	97	7.4	75-125	20	
Molybdenum	ND	100	100	102	94.6	mg/Kg	102	95	7.5	75-125	20	

QCBatchID: QC1201601 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/03/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201601MS1, QC1201601MSD1												**Source: 414896-001**
Nickel	2.49	100	100	106	98.0	mg/Kg	104	96	7.8	75-125	20	
Selenium	ND	100	100	97.0	88.6	mg/Kg	97	89	9.1	75-125	20	
Silver	ND	100	100	94.1	93.0	mg/Kg	94	93	1.2	75-125	20	
Thallium	1.62	100	100	94.7	90.2	mg/Kg	93	89	4.9	75-125	20	
Vanadium	8.29	100	100	105	105	mg/Kg	97	97	0.0	75-125	20	
Zinc	22.3	100	100	112	109	mg/Kg	90	87	2.7	75-125	20	

QCBatchID: QC1201786 **Analyst:** Abanh **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201786MB1					
4,4'-DDD	ND	ug/Kg	2.1	5	
4,4'-DDE	ND	ug/Kg	2	5	
4,4'-DDT	ND	ug/Kg	2	5	
a-BHC	ND	ug/Kg	1.6	5	
Aldrin	ND	ug/Kg	1.5	5	
b-BHC	ND	ug/Kg	1.5	5	
Chlordane (technical)	ND	ug/Kg	35	50	
d-BHC	ND	ug/Kg	1.2	5	
Dieldrin	ND	ug/Kg	2.1	5	
Endosulfan I	ND	ug/Kg	1.2	5	
Endosulfan II	ND	ug/Kg	2.8	5	
Endosulfan sulfate	ND	ug/Kg	3.4	5	
Endrin	ND	ug/Kg	2.7	5	
Endrin aldehyde	ND	ug/Kg	2.1	5	
Endrin Ketone	ND	ug/Kg	4.1	5	
Heptachlor	ND	ug/Kg	1.3	5	
Heptachlor epoxide	ND	ug/Kg	2.3	5	
Lindane (Gamma-BHC)	ND	ug/Kg	2	5	
Methoxychlor	ND	ug/Kg	9.2	10	
Toxaphene	ND	ug/Kg	54	100	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201786LCS1											
4,4'-DDD	50		38		ug/Kg	76			43-172		
4,4'-DDE	50		36		ug/Kg	72			44-163		
4,4'-DDT	50		51		ug/Kg	102			40-158		
a-BHC	50		34		ug/Kg	68			45-150		
Aldrin	50		34		ug/Kg	68			46-142		
b-BHC	50		38		ug/Kg	76			42-156		
d-BHC	50		31		ug/Kg	62			37-161		
Dieldrin	50		37		ug/Kg	74			47-151		
Endosulfan I	50		37		ug/Kg	74			47-141		
Endosulfan II	50		35		ug/Kg	70			44-156		
Endosulfan sulfate	50		40		ug/Kg	80			43-157		
Endrin	50		41		ug/Kg	82			47-160		
Endrin aldehyde	50		26		ug/Kg	52			32-127		
Endrin Ketone	50		41		ug/Kg	82			48-159		
Heptachlor	50		31		ug/Kg	62			50-144		
Heptachlor epoxide	50		31		ug/Kg	62			48-145		
Lindane (Gamma-BHC)	50		33		ug/Kg	66			47-151		
Methoxychlor	50		48		ug/Kg	96			36-182		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201786MS1, QC1201786MSD1												**Source: 414821-067**
4,4'-DDD	ND	50	50	40	35	ug/Kg	80	70	13.3	43-172	20	
4,4'-DDE	ND	50	50	31	32	ug/Kg	62	64	3.2	44-163	20	
4,4'-DDT	ND	50	50	37	45	ug/Kg	74	90	19.5	40-158	20	
a-BHC	ND	50	50	27	30	ug/Kg	54	60	10.5	45-150	20	

QCBatchID: QC1201786 **Analyst:** Abanh **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** SVOA-GC (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201786MS1, QC1201786MSD1												**Source: 414821-067**
Aldrin	ND	50	50	26	33	ug/Kg	52	66	23.7	46-142	20	M
b-BHC	ND	50	50	32	37	ug/Kg	64	74	14.5	42-156	20	
d-BHC	ND	50	50	24	29	ug/Kg	48	58	18.9	37-161	20	
Dieldrin	ND	50	50	28	34	ug/Kg	56	68	19.4	47-151	20	
Endosulfan I	ND	50	50	29	32	ug/Kg	58	64	9.8	47-141	20	
Endosulfan II	ND	50	50	36	31	ug/Kg	72	62	14.9	44-156	20	
Endosulfan sulfate	ND	50	50	31	35	ug/Kg	62	70	12.1	43-157	20	
Endrin	ND	50	50	33	38	ug/Kg	66	76	14.1	47-160	20	
Endrin aldehyde	ND	50	50	35	31	ug/Kg	70	62	12.1	32-127	20	
Endrin Ketone	ND	50	50	31	37	ug/Kg	62	74	17.6	48-159	20	
Heptachlor	ND	50	50	26	28	ug/Kg	52	56	7.4	50-144	20	
Heptachlor epoxide	ND	50	50	26	28	ug/Kg	52	56	7.4	48-145	20	
Lindane (Gamma-BHC)	ND	50	50	26	30	ug/Kg	52	60	14.3	47-151	20	
Methoxychlor	ND	50	50	37	46	ug/Kg	74	92	21.7	36-182	20	M

QCBatchID: QC1203756 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/01/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1203756MB1					
Lead	ND	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203756LCS1											
Lead	100		96.4		mg/Kg	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203756MS1, QC1203756MSD1												**Source: 414777-002**
Lead	22.3	100	100	103	105	mg/Kg	81	83	1.9	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414821

Page: 1 of 7

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
1	AOCI-W-B41-0.5'	4/30/19	1058	SOIL	1-8oz jar	ICE	X	C	
2	AOCI-W-B41-1.5'		1100						X
3	AOCI-W-B41-2.5'		1102					C	
4	AOCI-W-B40-0.5'		1120				X	C	
5	AOCI-W-B40-1.5'		1157						X
6	AOCI-W-B40-2.5'		1204					C	
7	AOCI-W-B37-0.5'		1140				X	C	
8	AOCI-W-B37-1.5'		1142						X
9	AOCI-W-B37-2.5'		1145					C	
10	AOCI-W-B38-0.5'	"	1224	"	"	"		C	

Analysis Request

Test Instructions / Comments

C= composite sample
X=discrete analysis
Composite groups:

CG21-0.5' 66
- AOCI-W-B41-0.5'
- AOCI-W-B40-0.5'

CG22-0.5' 67
- AOCI-W-B37-0.5'
- AOCI-W-B38-0.5'

CG21-2.5' 68
- AOCI-W-B41-2.5'
- AOCI-W-B40-2.5'

CG22-2.5' 69
- AOCI-W-B37-2.5'
- AOCI-W-B38-2.5'

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/1/19 0810
[1] Received By:		ZAW P.	EA/G2	5/1/19 0810
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414821

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

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Phone 714-771-6900

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF & KMH

Test Instructions / Comments

CG = Composite Group

CG23-0.5' 70
- AOCI-W-B42-0.5' (4/29/19)
- AOCI-W-B43-0.5'
- AOCI-W-B44-0.5'

CG23-2.5' 71
- AOCI-W-B42-2.5' (4/29/19)
- AOCI-W-B43-2.5'
- AOCI-W-B44-2.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
11	AOCI-W-B38-1.5'	4/30/19	1227	SOIL	1 8oz jar	ICE			X
12	AOCI-W-B38-2.5'		1232					C	
13	AOCI-W-B43-0.5'		1246				X	C	
14	AOCI-W-B43-1.5'		1248						X
15	AOCI-W-B43-2.5'		1250					C	
16	AOCI-W-B44-0.5'		1300				X	C	
17	AOCI-W-B44-1.5'		1302						X
18	AOCI-W-B44-2.5'		1304					C	
19	AOCI-W-B45-0.5'		1308				X	C	
20	AOCI-W-B45-1.5'	↓	1312	↓	↓	↓			X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/1/19 0810
[1] Received By:		Zain P.	EA/GL	5/1/19 0810.
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414821

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

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Phone 714-771-6900

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF & KMH

Test Instructions / Comments

Composite Groups

CG24-0.5' 72
- AOCI-W-B45-0.5'
- AOCI-W-B46-0.5'
- AOCI-W-B47-0.5'
- AOCI-W-B48-0.5'

CG24-2.5' 73
- AOCI-W-B45-2.5'
- AOCI-W-B46-2.5'
- AOCI-W-B47-2.5'
- AOCI-W-B48-2.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
21	AOCI-W-B45-2.5	4/30/19	1313	SOIL	1 8-oz jar	ICE		C	
22	AOCI-W-B46-0.5		1320				X	C	
23	AOCI-W-B46-1.5		1323						X
24	AOCI-W-B46-2.5		1326					C	
25	AOCI-W-B47-0.5'		1335				X	C	
26	AOCI-W-B47-1.5'		1337						X
27	AOCI-W-B47-2.5'		1339					C	
28	AOCI-W-B48-0.5'		1343				X	C	
29	AOCI-W-B48-1.5'		1345						X
30	AOCI-W-B48-2.5'		1347					C	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/1/19 0810
1 Received By:		ZAED P.	EA/GL	5/1/19 0810
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414821

Page: 4 of 7

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF & KMH

Test Instructions / Comments

Composite Groups

CG19-0.5' 74
- AOCI-W-B23-0.5'
- AOCI-W-B24-0.5' (4/29/19)
- AOCI-W-B26-0.5' (4/29/19)

CG19-2.5' 75
- AOCI-W-B23-2.5'
- AOCI-W-B24-2.5' (4/29/19)
- AOCI-W-B26-2.5' (4/29/19)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Lead (6010B)	Analysis Request: Hold
31	AOCI-W-B28-0.5'	4/30/19	1511	SOIL	1 8-oz jar	ICE	X	
32	AOCI-W-B28-1.5'		1513					X
33	AOCI-W-B28-2.5'		1515					X
34	AOCI-W-B35-0.5'		1525				X	
35	AOCI-W-B35-1.5'		1530					X
36	AOCI-W-B35-2.5'		1533					X
37	AOCI-W-B36-0.5'		1542				X	
38	AOCI-W-B36-1.5'		1546					X
39	AOCI-W-B36-2.5'		1550					X
40	AOCI-W-B29-0.5'		1555				X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/1/19 0810
1 Received By:		Zan P.	EA/GL	5/1/19 0810
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414821

Page: 5 of 7

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931 W. Barkley Avenue, Orange, CA 92868

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Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF & KMH

Test Instructions / Comments

Composite Groups:

CG17-0.5' 76
- AOCI-W-B13-0.5' (4/29/19)
- AOCI-W-B14-0.5' (4/29/19)
- AOCI-W-B15-0.5'
- AOCI-W-B16-0.5'

CG17-2.5' 77
- AOCI-W-B13-2.5' (4/29/19)
- AOCI-W-B14-2.5' (4/29/19)
- AOCI-W-B15-2.5'
- AOCI-W-B16-2.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs, (8081A)	Hold
41	AOCI-W-B29-1.5'	4/30/19		SOIL	1-8oz jar	ICE			X
42	AOCI-W-B29-2.5'	"		"	"	"			X
43	AOCI-W-B34-0.5'						X		
44	AOCI-W-B34-1.5'								X
45	AOCI-W-B34-2.5'								X
46	AOCI-W-B30-0.5'						X		
47	AOCI-W-B30-1.5'								X
48	AOCI-W-B30-2.5'								X
49	AOCI-W-B15-0.5'						X	C	
50	AOCI-W-B15-1.5'	"		"	"	"			X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/1/19 0810
1 Received By:		Zoey P.	EA/GL	5/1/19 0810.
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414821

Page: 6 of 7

Turn Around Time (rush by advanced notice only)

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Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF & KMH

Test Instructions / Comments

Composite Groups

CG20-0.5' 78
- AOCI-W-B21-0.5'
- AOCI-W-B22-0.5' (4/29/19)
- AOCI-W-B27-0.5' (4/29/19)

CG20-2.5' 79
- AOCI-W-B21-2.5'
- AOCI-W-B22-2.5' (4/29/19)
- AOCI-W-B27-2.5' (4/29/19)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
51	AOCI-W-B15-2.5'	4/30/19	1724	SOIL	1 8-oz jar	ICE		C	
52	AOCI-W-B23-0.5'		1729				X	C	
53	AOCI-W-B23-1.5'		1735						X
54	AOCI-W-B23-2.5'		1740					C	
55	AOCI-W-B21-0.5'		1750				X	C	
56	AOCI-W-B21-1.5'		1755						X
57	AOCI-W-B21-2.5'		1800					C	
58	AOCI-W-B16-0.5'		1805				X	C	
59	AOCI-W-B16-1.5'		1812						X
60	AOCI-W-B16-2.5'		1815					C	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/1/19 0810
1 Received By:		ZACH P.	EA/GL	5/1/19 0810
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414821

Page: 7 of 7

Turn Around Time (rush by advanced notice only)

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2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF & KMH

Test Instructions / Comments

Composite Groups

COMP DUP-3 80
- DUP-9
- DUP-10

COMP DUP-4 81
- DUP-11
- DUP-12

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Lead (6010B)	Analysis Request: OCPs (8081A)
1	DUP-9	4/30/19	—	SOIL	1-8oz jar	ICE	X	C
2	DUP-10	↓	—	↓	↓	↓		C
3	DUP-11		—					C
4	DUP-12		—		↓			C
5	EB-043019	↓	—	H_2O	1-amber jar 1-500ml poly	↓	X	X
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/1/19 0810
1 Received By:			EA/GL	5/1/19 0810
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton High School PEA

Date Received: 5/1/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.1 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.3 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

POLY IS NOT PRESERVED W/ NITRIC ACID FOR pb.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/1/19

Ranjit Clarke

From: Patrick J. Cullip
Sent: Friday, June 28, 2019 4:45 PM
To: Ranjit Clarke
Cc: Audrey Carroll; Jay Roberts
Subject: RE: Compton HS - Additional Lead Analyses

Ranjit,

Please analyze the following soil samples previously placed on hold for the Compton HS project for lead by 6010B with a 2 day TAT:

AOC1-E-B1-1.5
AOC1-E-B2-1.5
AOC1-E-B3-1.5
AOC1-E-B4-1.5
AOC1-E-B6-1.5
AOC1-E-B7-1.5
AOC1-E-B8-1.5
AOC1-E-B9-1.5
AOC1-E-B10-1.5
AOC1-E-B11-1.5
AOC1-E-B12-1.5
AOC1-E-B19-1.5
AOC1-E-B20-1.5
AOC1-E-B31-1.5
AOC1-E-B32-1.5
AOC1-E-B33-1.5
AOC1-E-B34-1.5
AOC1-E-B36-1.5
AOC1-E-B37-1.5
AOC1-E-B38-1.5
AOC1-E-B39-1.5

AOC1-W-B1-1.5
AOC1-W-B2-1.5
AOC1-W-B7-1.5
AOC1-W-B13-1.5
AOC1-W-B22-1.5
AOC1-W-B23-1.5
AOC1-W-B26-1.5
AOC1-W-B27-1.5
AOC1-W-B40-1.5
AOC1-W-B48-1.5

AOC4-B18-S1-10

AOC5-B1-1.5
AOC5-B5-1.5

AOC5-B8-1.5
AOC5-B10-1.5
AOC5-B11-1.5
AOC5-B12-1.5
AOC5-B13-1.5
AOC5-B14-1.5
AOC5-B15-1.5
AOC5-B17-1.5
AOC5-B21-1.5
AOC5-B23-1.5
AOC5-B25-1.5

Thanks,
Patrick

From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Wednesday, June 5, 2019 5:01 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Subject: Re: Compton HS - Additional Lead Analyses

Thanks for the notice.

On Wed, Jun 5, 2019 at 4:36 PM Patrick J. Cullip <pcullip@ninyoandmoore.com> wrote:

> Ranjit,
>
> Since we head several 0.5-foot soil samples collected for Compton HS that had elevated lead, we will be requesting that the deeper samples (1.5 and 2.5-foot) soil samples from the same borings will be analyzed for lead as well. I am working on an amendment to send to the client, which will need to be authorized before we can proceed. I just wanted to give you a heads up that some of the samples we placed on hold will soon be analyzed. Once we get authorization, we'll send a complete list of the samples to be analyzed.
>
> Thanks,
>
> **Patrick Cullip**
> Project Engineer
> **Ninyo & Moore**
>
> Geotechnical & Environmental Sciences Consultants
>
> 475 Goddard, Suite 200 | Irvine, CA 92618
>
> (949) 753-7070 (**x12286**) | (949) 307-4114 (Cell)
>
> **www.ninyoandmoore.com**

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip
Comments: Compton High School PEA
#210886001
601 S. Acacia Ave., Compton, CA 90220

Lab Request: 414852
Report Date: 07/02/2019
Date Received: 05/02/2019
Client ID: 15461

Supplemental Report 1 - Additional Lead results requested on 06/28/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
414852-001	AOCI-W-B19-0.5'	414852-027	AOC1-W-B2-0.5'	414852-053	AOC1-E-B24-1.5'
414852-002	AOCI-W-B19-1.5'	414852-028	AOC1-W-B2-1.5'	414852-054	AOC1-E-B24-2.5'
414852-003	AOCI-W-B19-2.5'	414852-029	AOC1-W-B2-2.5'	414852-055	AOC1-E-B26-0.5'
414852-004	AOC1-W-B20-0.5'	414852-030	AOC1-W-B3-0.5'	414852-056	AOC1-E-B26-1.5'
414852-005	AOC1-W-B20-1.5'	414852-031	AOC1-W-B1-0.5'	414852-057	AOC1-E-B26-2.5'
414852-006	AOC1-W-B20-2.5'	414852-032	AOC1I-W-B1-1.5'	414852-058	AOC1-E-B25-0.5'
414852-007	AOC1-W-B18-0.5'	414852-033	AOC1I-W-B1-2.5'	414852-059	AOC1-E-B25-1.5'
414852-008	AOC1I-W-B18-1.5'	414852-034	AOC1-W-B10-0.5'	414852-060	AOC1-E-B25-2.5'
414852-009	AOC1-W-B18-2.5'	414852-035	AOC1-W-B10-1.5'	414852-061	AOC1-E-B15-0.5'
414852-010	AOC1-W-B11-0.5'	414852-036	AOC1-W-B10-2.5'	414852-062	AOC1-E-B15-1.5'
414852-011	AOC1-W-B11-1.5'	414852-037	AOC1-E-B16-0.5'	414852-063	AOC1-E-B15-2.5'
414852-012	AOC1-W-B11-2.5'	414852-038	AOC1-E-B16-1.5'	414852-064	AOC1-E-B13-0.5'
414852-013	AOC1-W-B9-0.5'	414852-039	AOC1-E-B16-2.5'	414852-065	AOC1-E-B13-1.5'
414852-014	AOC1I-W-B8-0.5'	414852-040	AOC1-E-B18-0.5'	414852-066	AOC1-E-B13-2.5'
414852-015	AOC1-W-B8-1.5'	414852-041	AOC1-E-B18-1.5'	414852-067	AOC1-E-B17-0.5'
414852-016	AOC1-W-B8-2.5'	414852-042	AOC1-E-B18-2.5'	414852-068	AOC1-E-B17-1.5'
414852-017	AOC1-W-B6-0.5'	414852-043	AOC1-E-B14-0.5'	414852-069	AOC1-E-B17-2.5'
414852-018	AOC1-W-B7-0.5'	414852-044	AOC1-E-B14-1.5'	414852-070	DUP-13
414852-019	AOC1-W-B7-1.5'	414852-045	AOC1-E-B14-2.5'	414852-071	DUP-14
414852-020	AOC1I-W-B7-2.5'	414852-046	AOC1-E-B19-0.5'	414852-072	DUP-15
414852-021	AOC1-W-B4-0.5'	414852-047	AOC1-E-B19-1.5'	414852-073	EB-050119A
414852-022	AOC1I-W-B4-1.5'	414852-048	AOC1-E-B19-2.5'	414852-074	EB-050119B
414852-023	AOC1-W-B4-2.5'	414852-049	AOC1-E-B5-0.5'	414852-075	CG18-0.5'
414852-024	AOC1-W-B5-0.5'	414852-050	AOC1-E-B5-1.5'	414852-076	CG18-2.5'
414852-025	AOC1-W-B5-1.5'	414852-051	AOC1-E-B5-2.5'	414852-077	CG16-0.5'
414852-026	AOC1-W-B5-2.5'	414852-052	AOC1-E-B24-0.5'	414852-078	CG16-2.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

ACCREDITED IN ACCORDANCE WITH nelac

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	Ninyo & Moore
Address:	475 Goddard Suite 200 Irvine, CA 92618
Attn:	Patrick Cullip
Comments:	Compton High School PEA #210886001 601 S. Acacia Ave., Compton, CA 90220

Lab Request:	414852
Report Date:	07/02/2019
Date Received:	05/02/2019
Client ID:	15461

Supplemental Report 1 - Additional Lead results requested on 06/28/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
414852-079	CG15-0.5'
414852-080	CG15-2.5'
414852-081	CG14-0.5'
414852-082	CG14-2.5'
414852-083	CG5-0.5'
414852-084	CG5-2.5'
414852-085	CG2-0.5'
414852-086	CG2-2.5'
414852-087	CG8-0.5'
414852-088	CG8-2.5'
414852-089	COMP DUP-5
414852-090	CG18A-0.5'
414852-091	CG18A2.5'
414852-092	CG19A-0.5'
414852-093	CG19A-2.5'

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:04 **Site:**
Sample #: 414852-001 **Client Sample #:** AOC1-W-B19-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201601		
Lead	**72.6**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:10 **Site:**
Sample #: 414852-002 **Client Sample #:** AOC1-W-B19-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:16 **Site:**
Sample #: 414852-003 **Client Sample #:** AOC1-W-B19-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:22 **Site:**
Sample #: 414852-004 **Client Sample #:** AOC1-W-B20-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201601		
Lead	**53.8**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:28 **Site:**
Sample #: 414852-005 **Client Sample #:** AOC1-W-B20-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:32 **Site:**
Sample #: 414852-006 **Client Sample #:** AOC1-W-B20-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:38 **Site:**
Sample #: 414852-007 **Client Sample #:** AOC1-W-B18-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201601		
Lead	**40.3**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:43 **Site:**
Sample #: 414852-008 **Client Sample #:** AOC1-W-B18-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:48 **Site:**
Sample #: **414852-009** **Client Sample #:** AOC1-W-B18-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:00 **Site:**
Sample #: **414852-010** **Client Sample #:** AOC1-W-B11-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:05 **Site:**
Sample #: **414852-011** **Client Sample #:** AOC1-W-B11-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:07 **Site:**
Sample #: **414852-012** **Client Sample #:** AOC1-W-B11-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:30 **Site:**
Sample #: **414852-013** **Client Sample #:** AOC1-W-B9-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201601		
Lead	**37.1**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:48 **Site:**
Sample #: **414852-014** **Client Sample #:** AOC1-W-B8-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201601		
Lead	**24.4**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:50 **Site:**
Sample #: **414852-015** **Client Sample #:** AOC1-W-B8-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:51 **Site:**
Sample #: **414852-016** **Client Sample #:** AOC1-W-B8-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 12:09 **Site:**
Sample #: 414852-017 **Client Sample #:** AOC1-W-B6-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201602		
Lead	**221**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 12:24 **Site:**
Sample #: 414852-018 **Client Sample #:** AOC1-W-B7-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201602		
Lead	**116**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 12:26 **Site:**
Sample #: 414852-019 **Client Sample #:** AOC1-W-B7-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203756		
Lead	**20.3**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 12:28 **Site:**
Sample #: 414852-020 **Client Sample #:** AOC1-W-B7-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 12:40 **Site:**
Sample #: 414852-021 **Client Sample #:** AOC1-W-B4-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201602		
Lead	**34.1**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 12:45 **Site:**
Sample #: 414852-022 **Client Sample #:** AOC1-W-B4-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 12:47 **Site:**
Sample #: 414852-023 **Client Sample #:** AOC1-W-B4-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 13:00 **Site:**
Sample #: 414852-024 **Client Sample #:** AOC1-W-B5-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201602		
Lead	**64.4**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 13:04 **Site:**
Sample #: **414852-025** **Client Sample #:** AOC1-W-B5-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 13:06 **Site:**
Sample #: **414852-026** **Client Sample #:** AOC1-W-B5-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 14:15 **Site:**
Sample #: **414852-027** **Client Sample #:** AOC1-W-B2-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201602
Lead	**311**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 14:20 **Site:**
Sample #: **414852-028** **Client Sample #:** AOC1-W-B2-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1203757
Lead	**26.2**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 14:23 **Site:**
Sample #: **414852-029** **Client Sample #:** AOC1-W-B2-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 14:38 **Site:**
Sample #: **414852-030** **Client Sample #:** AOC1-W-B3-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201602
Lead	**47.2**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 14:52 **Site:**
Sample #: **414852-031** **Client Sample #:** AOC1-W-B1-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201602
Lead	**131**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 14:53 **Site:**
Sample #: **414852-032** **Client Sample #:** AOC1-W-B1-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1203757
Lead	**6.64**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 14:54 **Site:**
Sample #: **414852-033** **Client Sample #:** AOC1-W-B1-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:07 **Site:**
Sample #: **414852-034** **Client Sample #:** AOC1-W-B10-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201602		
Lead	**59.2**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:09 **Site:**
Sample #: **414852-035** **Client Sample #:** AOC1-W-B10-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:11 **Site:**
Sample #: **414852-036** **Client Sample #:** AOC1-W-B10-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:29 **Site:**
Sample #: **414852-037** **Client Sample #:** AOC1-E-B16-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:31 **Site:**
Sample #: **414852-038** **Client Sample #:** AOC1-E-B16-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:33 **Site:**
Sample #: **414852-039** **Client Sample #:** AOC1-E-B16-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:35 **Site:**
Sample #: **414852-040** **Client Sample #:** AOC1-E-B18-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:58 **Site:**
Sample #: **414852-041** **Client Sample #:** AOC1-E-B18-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:40 **Site:**
Sample #: **414852-042** **Client Sample #:** AOC1-E-B18-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:49 **Site:**
Sample #: **414852-043** **Client Sample #:** AOC1-E-B14-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:51 **Site:**
Sample #: **414852-044** **Client Sample #:** AOC1-E-B14-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:53 **Site:**
Sample #: **414852-045** **Client Sample #:** AOC1-E-B14-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 15:59 **Site:**
Sample #: **414852-046** **Client Sample #:** AOC1-E-B19-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201665
Lead	**2650**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 16:01 **Site:**
Sample #: **414852-047** **Client Sample #:** AOC1-E-B19-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1203757
Lead	**7.13**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 16:03 **Site:**
Sample #: **414852-048** **Client Sample #:** AOC1-E-B19-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 16:16 **Site:**
Sample #: 414852-049 **Client Sample #:** AOC1-E-B5-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201602		
Lead	**68.8**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 16:19 **Site:**
Sample #: 414852-050 **Client Sample #:** AOC1-E-B5-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 16:22 **Site:**
Sample #: 414852-051 **Client Sample #:** AOC1-E-B5-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 16:45 **Site:**
Sample #: 414852-052 **Client Sample #:** AOC1-E-B24-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201602		
Lead	**12.4**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 16:49 **Site:**
Sample #: 414852-053 **Client Sample #:** AOC1-E-B24-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 16:51 **Site:**
Sample #: 414852-054 **Client Sample #:** AOC1-E-B24-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 17:00 **Site:**
Sample #: 414852-055 **Client Sample #:** AOC1-E-B26-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201602		
Lead	**42.4**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 17:03 **Site:**
Sample #: 414852-056 **Client Sample #:** AOC1-E-B26-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 17:07 **Site:**
Sample #: **414852-057** **Client Sample #:** AOC1-E-B26-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 17:23 **Site:**
Sample #: **414852-058** **Client Sample #:** AOC1-E-B25-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201602
Lead	**31.0**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 17:28 **Site:**
Sample #: **414852-059** **Client Sample #:** AOC1-E-B25-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 17:30 **Site:**
Sample #: **414852-060** **Client Sample #:** AOC1-E-B25-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:51 **Site:**
Sample #: **414852-061** **Client Sample #:** AOC1-E-B15-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201602
Lead	**29.6**	1	0.32	1	mg/Kg	05/03/19	05/03/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 10:58 **Site:**
Sample #: **414852-062** **Client Sample #:** AOC1-E-B15-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:03 **Site:**
Sample #: **414852-063** **Client Sample #:** AOC1-E-B15-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:32 **Site:**
Sample #: **414852-064** **Client Sample #:** AOC1-E-B13-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201665
Lead	**27.4**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:36 **Site:**
Sample #: **414852-065** **Client Sample #:** AOC1-E-B13-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:44 **Site:**
Sample #: **414852-066** **Client Sample #:** AOC1-E-B13-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 11:58 **Site:**
Sample #: **414852-067** **Client Sample #:** AOC1-E-B17-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201665		
Lead	**67.7**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 12:05 **Site:**
Sample #: **414852-068** **Client Sample #:** AOC1-E-B17-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 12:44 **Site:**
Sample #: **414852-069** **Client Sample #:** AOC1-E-B17-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-070** **Client Sample #:** DUP-13 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-071** **Client Sample #:** DUP-14 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-072** **Client Sample #:** DUP-15 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/01/2019	**Site:**			
Sample #:	**414852-073**	**Client Sample #:**	EB-050119A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3010A							QCBatchID: QC1201647		
Lead	**0.006 J**	1	0.005	0.01	mg/L	05/06/19	05/07/19	KLN	J
Method: EPA 8081A *NELAC* Prep Method: EPA 3510C							QCBatchID: QC1201664		
4,4'-DDD	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
4,4'-DDE	ND	1	0.006	0.1	ug/L	05/06/19	05/08/19	MTS	
4,4'-DDT	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
a-BHC	ND	1	0.002	0.1	ug/L	05/06/19	05/08/19	MTS	
Aldrin	ND	1	0.007	0.1	ug/L	05/06/19	05/08/19	MTS	
b-BHC	ND	1	0.003	0.1	ug/L	05/06/19	05/08/19	MTS	
Chlordane (technical)	ND	1	0.27	1	ug/L	05/06/19	05/08/19	MTS	
d-BHC	ND	1	0.006	0.1	ug/L	05/06/19	05/08/19	MTS	
Dieldrin	ND	1	0.006	0.1	ug/L	05/06/19	05/08/19	MTS	
Endosulfan I	ND	1	0.004	0.1	ug/L	05/06/19	05/08/19	MTS	
Endosulfan II	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
Endosulfan sulfate	ND	1	0.012	0.1	ug/L	05/06/19	05/08/19	MTS	
Endrin	ND	1	0.008	0.1	ug/L	05/06/19	05/08/19	MTS	
Endrin aldehyde	ND	1	0.009	0.1	ug/L	05/06/19	05/08/19	MTS	
Endrin Ketone	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
Heptachlor	ND	1	0.003	0.1	ug/L	05/06/19	05/08/19	MTS	
Heptachlor epoxide	ND	1	0.002	0.1	ug/L	05/06/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	1	0.002	0.1	ug/L	05/06/19	05/08/19	MTS	
Methoxychlor	ND	1	0.055	0.1	ug/L	05/06/19	05/08/19	MTS	
Toxaphene	ND	1	0.48	2	ug/L	05/06/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*62*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*59*	*50-150*	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/01/2019	**Site:**			
Sample #:	**414852-074**	**Client Sample #:**	EB-050119B	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3010A							QCBatchID: QC1201647		
Lead	ND	1	0.005	0.01	mg/L	05/06/19	05/07/19	KLN	
Method: EPA 8081A *NELAC* Prep Method: EPA 3510C							QCBatchID: QC1201664		
4,4'-DDD	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
4,4'-DDE	ND	1	0.006	0.1	ug/L	05/06/19	05/08/19	MTS	
4,4'-DDT	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
a-BHC	ND	1	0.002	0.1	ug/L	05/06/19	05/08/19	MTS	
Aldrin	ND	1	0.007	0.1	ug/L	05/06/19	05/08/19	MTS	
b-BHC	ND	1	0.003	0.1	ug/L	05/06/19	05/08/19	MTS	
Chlordane (technical)	ND	1	0.27	1	ug/L	05/06/19	05/08/19	MTS	
d-BHC	ND	1	0.006	0.1	ug/L	05/06/19	05/08/19	MTS	
Dieldrin	ND	1	0.006	0.1	ug/L	05/06/19	05/08/19	MTS	
Endosulfan I	ND	1	0.004	0.1	ug/L	05/06/19	05/08/19	MTS	
Endosulfan II	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
Endosulfan sulfate	ND	1	0.012	0.1	ug/L	05/06/19	05/08/19	MTS	
Endrin	ND	1	0.008	0.1	ug/L	05/06/19	05/08/19	MTS	
Endrin aldehyde	ND	1	0.009	0.1	ug/L	05/06/19	05/08/19	MTS	
Endrin Ketone	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
Heptachlor	ND	1	0.003	0.1	ug/L	05/06/19	05/08/19	MTS	
Heptachlor epoxide	ND	1	0.002	0.1	ug/L	05/06/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	1	0.002	0.1	ug/L	05/06/19	05/08/19	MTS	
Methoxychlor	ND	1	0.055	0.1	ug/L	05/06/19	05/08/19	MTS	
Toxaphene	ND	1	0.48	2	ug/L	05/06/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*61*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*58*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-075** **Client Sample #:** CG18-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	2	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	**28**	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	**16**	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	2	70	100	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*55*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*73*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-076** **Client Sample #:** CG18-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*53*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*79*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: 414852-077 **Client Sample #:** CG16-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	5	10.5	25	ug/Kg	05/03/19	05/07/19	MTS	D2
4,4'-DDE	ND	5	10	25	ug/Kg	05/03/19	05/07/19	MTS	D2
4,4'-DDT	ND	5	10	25	ug/Kg	05/03/19	05/07/19	MTS	D2
a-BHC	ND	5	8	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Aldrin	ND	5	7.5	25	ug/Kg	05/03/19	05/07/19	MTS	D2
b-BHC	ND	5	7.5	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Chlordane (technical)	ND	5	175	250	ug/Kg	05/03/19	05/07/19	MTS	D2
d-BHC	ND	5	6	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Dieldrin	ND	5	10.5	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Endosulfan I	ND	5	6	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Endosulfan II	ND	5	14	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Endosulfan sulfate	ND	5	17	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Endrin	ND	5	13.5	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Endrin aldehyde	ND	5	10.5	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Endrin Ketone	ND	5	20.5	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Heptachlor	ND	5	6.5	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Heptachlor epoxide	ND	5	11.5	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Lindane (Gamma-BHC)	ND	5	10	25	ug/Kg	05/03/19	05/07/19	MTS	D2
Methoxychlor	ND	5	46	50	ug/Kg	05/03/19	05/07/19	MTS	D2
Toxaphene	ND	5	270	500	ug/Kg	05/03/19	05/07/19	MTS	D2

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*72*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*73*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: 414852-078 **Client Sample #:** CG16-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*54*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*77*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-079** **Client Sample #:** CG15-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	**4.8 J**	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	J
4,4'-DDE	**30**	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	**18**	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	2	70	100	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*57*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*78*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-080** **Client Sample #:** CG15-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*53*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*77*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-081** **Client Sample #:** CG14-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	**7.4 J**	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	J
4,4'-DDE	**11**	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	**47**	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	**200**	2	70	100	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*57*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*79*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-082** **Client Sample #:** CG14-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDE	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDT	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
a-BHC	ND	2	3.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Aldrin	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	D2
b-BHC	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Chlordane (technical)	ND	2	70	100	ug/Kg	05/07/19	05/08/19	MTS	D2
d-BHC	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Dieldrin	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan I	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan II	ND	2	5.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin	ND	2	5.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor	ND	2	2.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Methoxychlor	ND	2	18.4	20	ug/Kg	05/07/19	05/08/19	MTS	D2
Toxaphene	ND	2	108	200	ug/Kg	05/07/19	05/08/19	MTS	D2

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*83*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*71*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-083** **Client Sample #:** CG5-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	**4.9 J**	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	J
4,4'-DDT	**3.4 J**	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	J
a-BHC	ND	1	1.6	5	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*47*	*50-150*	*S*
Tetrachloro-m-xylene TCMX (SUR)	*76*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-084** **Client Sample #:** CG5-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*52*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*78*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-085** **Client Sample #:** CG2-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	**18**	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	**6.1**	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*51*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*76*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-086** **Client Sample #:** CG2-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*56*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*80*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: 414852-087 **Client Sample #:** CG8-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	ND	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	ND	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	2	70	100	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*98*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*82*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: 414852-088 **Client Sample #:** CG8-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*55*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*81*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: 414852-089 **Client Sample #:** COMP DUP-5 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201600		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDE	**11**	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
4,4'-DDT	**5.8**	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/03/19	05/07/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/03/19	05/07/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/03/19	05/07/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/03/19	05/07/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/03/19	05/07/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/03/19	05/07/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/03/19	05/07/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/03/19	05/07/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*51*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*79*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: 414852-090 **Client Sample #:** CG18A-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	5	10.5	25	ug/Kg	05/07/19	05/09/19	MTS	
4,4'-DDE	**20 J**	5	10	25	ug/Kg	05/07/19	05/09/19	MTS	J
4,4'-DDT	**19 J**	5	10	25	ug/Kg	05/07/19	05/09/19	MTS	J
a-BHC	ND	5	8	25	ug/Kg	05/07/19	05/09/19	MTS	
Aldrin	ND	5	7.5	25	ug/Kg	05/07/19	05/09/19	MTS	
b-BHC	ND	5	7.5	25	ug/Kg	05/07/19	05/09/19	MTS	
Chlordane (technical)	ND	5	175	250	ug/Kg	05/07/19	05/09/19	MTS	
d-BHC	ND	5	6	25	ug/Kg	05/07/19	05/09/19	MTS	
Dieldrin	ND	5	10.5	25	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan I	ND	5	6	25	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan II	ND	5	14	25	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan sulfate	ND	5	17	25	ug/Kg	05/07/19	05/09/19	MTS	
Endrin	ND	5	13.5	25	ug/Kg	05/07/19	05/09/19	MTS	
Endrin aldehyde	ND	5	10.5	25	ug/Kg	05/07/19	05/09/19	MTS	
Endrin Ketone	ND	5	20.5	25	ug/Kg	05/07/19	05/09/19	MTS	
Heptachlor	ND	5	6.5	25	ug/Kg	05/07/19	05/09/19	MTS	
Heptachlor epoxide	ND	5	11.5	25	ug/Kg	05/07/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	5	10	25	ug/Kg	05/07/19	05/09/19	MTS	
Methoxychlor	ND	5	46	50	ug/Kg	05/07/19	05/09/19	MTS	
Toxaphene	ND	5	270	500	ug/Kg	05/07/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*67*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*87*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-091** **Client Sample #:** CG18A2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/07/19	05/09/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/07/19	05/09/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/07/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/07/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/07/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/07/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/07/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/07/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/07/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/07/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/07/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/07/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/07/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/07/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/07/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/07/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/07/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*56*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*86*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/01/2019 **Site:**
Sample #: **414852-092** **Client Sample #:** CG19A-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/07/19	05/09/19	MTS	
4,4'-DDE	**41**	2	4	10	ug/Kg	05/07/19	05/09/19	MTS	
4,4'-DDT	**39**	2	4	10	ug/Kg	05/07/19	05/09/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/07/19	05/09/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/07/19	05/09/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/07/19	05/09/19	MTS	
Chlordane (technical)	**540**	2	70	100	ug/Kg	05/07/19	05/09/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/07/19	05/09/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/07/19	05/09/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/07/19	05/09/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/07/19	05/09/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/07/19	05/09/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/07/19	05/09/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/07/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/07/19	05/09/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/07/19	05/09/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/07/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*55*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*77*	*50-150*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/01/2019	**Site:**			
Sample #:	**414852-093**	**Client Sample #:**	CG19A-2.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/07/19	05/09/19	MTS	
4,4'-DDE	**2.9 J**	1	2	5	ug/Kg	05/07/19	05/09/19	MTS	J
4,4'-DDT	ND	1	2	5	ug/Kg	05/07/19	05/09/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/07/19	05/09/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/07/19	05/09/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/07/19	05/09/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/07/19	05/09/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/07/19	05/09/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/07/19	05/09/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/07/19	05/09/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/07/19	05/09/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/07/19	05/09/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/07/19	05/09/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/07/19	05/09/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/07/19	05/09/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/07/19	05/09/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/07/19	05/09/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/07/19	05/09/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*49*	*50-150*	*S*
Tetrachloro-m-xylene TCMX (SUR)	*77*	*50-150*	

QCBatchID: QC1201600 **Analyst:** Jarriaga **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/03/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201600MB1					
4,4'-DDD	ND	ug/Kg	2.1	5	
4,4'-DDE	ND	ug/Kg	2	5	
4,4'-DDT	ND	ug/Kg	2	5	
a-BHC	ND	ug/Kg	1.6	5	
Aldrin	ND	ug/Kg	1.5	5	
b-BHC	ND	ug/Kg	1.5	5	
Chlordane (technical)	ND	ug/Kg	35	50	
d-BHC	ND	ug/Kg	1.2	5	
Dieldrin	ND	ug/Kg	2.1	5	
Endosulfan I	ND	ug/Kg	1.2	5	
Endosulfan II	ND	ug/Kg	2.8	5	
Endosulfan sulfate	ND	ug/Kg	3.4	5	
Endrin	ND	ug/Kg	2.7	5	
Endrin aldehyde	ND	ug/Kg	2.1	5	
Endrin Ketone	ND	ug/Kg	4.1	5	
Heptachlor	ND	ug/Kg	1.3	5	
Heptachlor epoxide	ND	ug/Kg	2.3	5	
Lindane (Gamma-BHC)	ND	ug/Kg	2	5	
Methoxychlor	ND	ug/Kg	9.2	10	
Toxaphene	ND	ug/Kg	54	100	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201600LCS1											
4,4'-DDD	50		37		ug/Kg	74			43-172		
4,4'-DDE	50		40		ug/Kg	80			44-163		
4,4'-DDT	50		39		ug/Kg	78			40-158		
a-BHC	50		44		ug/Kg	88			45-150		
Aldrin	50		41		ug/Kg	82			46-142		
b-BHC	50		45		ug/Kg	90			42-156		
d-BHC	50		40		ug/Kg	80			37-161		
Dieldrin	50		39		ug/Kg	78			47-151		
Endosulfan I	50		40		ug/Kg	80			47-141		
Endosulfan II	50		38		ug/Kg	76			44-156		
Endosulfan sulfate	50		39		ug/Kg	78			43-157		
Endrin	50		42		ug/Kg	84			47-160		
Endrin aldehyde	50		24		ug/Kg	48			32-127		
Endrin Ketone	50		36		ug/Kg	72			48-159		
Heptachlor	50		43		ug/Kg	86			50-144		
Heptachlor epoxide	50		40		ug/Kg	80			48-145		
Lindane (Gamma-BHC)	50		44		ug/Kg	88			47-151		
Methoxychlor	50		43		ug/Kg	86			36-182		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201600MS1, QC1201600MSD1												**Source: 414845-015**
4,4'-DDD	ND	50	50	38	41	ug/Kg	76	82	7.6	43-172	20	
4,4'-DDE	ND	50	50	39	41	ug/Kg	78	82	5.0	44-163	20	
4,4'-DDT	ND	50	50	37	41	ug/Kg	74	82	10.3	40-158	20	
a-BHC	ND	50	50	39	46	ug/Kg	78	92	16.5	45-150	20	

QCBatchID: QC1201600 **Analyst:** Jarriaga **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/03/2019 **Instrument:** SVOA-GC (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201600MS1, QC1201600MSD1												**Source: 414845-015**
Aldrin	ND	50	50	42	42	ug/Kg	84	84	0.0	46-142	20	
b-BHC	ND	50	50	41	47	ug/Kg	82	94	13.6	42-156	20	
d-BHC	ND	50	50	32	36	ug/Kg	64	72	11.8	37-161	20	
Dieldrin	ND	50	50	39	42	ug/Kg	78	84	7.4	47-151	20	
Endosulfan I	ND	50	50	38	41	ug/Kg	76	82	7.6	47-141	20	
Endosulfan II	ND	50	50	38	41	ug/Kg	76	82	7.6	44-156	20	
Endosulfan sulfate	ND	50	50	35	38	ug/Kg	70	76	8.2	43-157	20	
Endrin	ND	50	50	40	44	ug/Kg	80	88	9.5	47-160	20	
Endrin aldehyde	ND	50	50	24	27	ug/Kg	48	54	11.8	32-127	20	
Endrin Ketone	ND	50	50	33	35	ug/Kg	66	70	5.9	48-159	20	
Heptachlor	ND	50	50	36	39	ug/Kg	72	78	8.0	50-144	20	
Heptachlor epoxide	ND	50	50	41	45	ug/Kg	82	90	9.3	48-145	20	
Lindane (Gamma-BHC)	ND	50	50	39	43	ug/Kg	78	86	9.8	47-151	20	
Methoxychlor	ND	50	50	35	35	ug/Kg	70	70	0.0	36-182	20	

QCBatchID: QC1201601 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/03/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201601MB1					
Antimony	**2.33 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	**0.43 J**	mg/Kg	0.31	1	
Lead	**0.61 J**	mg/Kg	0.32	1	
Molybdenum	ND	mg/Kg	0.13	1	
Nickel	**0.25 J**	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	**2.63 J**	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	**0.45 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201601LCS1											
Antimony	100		116		mg/Kg	116			80-120		
Arsenic	100		102		mg/Kg	102			80-120		
Barium	100		105		mg/Kg	105			80-120		
Beryllium	100		95.0		mg/Kg	95			80-120		
Cadmium	100		107		mg/Kg	107			80-120		
Chromium	100		103		mg/Kg	103			80-120		
Cobalt	100		109		mg/Kg	109			80-120		
Copper	100		107		mg/Kg	107			80-120		
Lead	100		112		mg/Kg	112			80-120		
Molybdenum	100		107		mg/Kg	107			80-120		
Nickel	100		111		mg/Kg	111			80-120		
Selenium	100		99.1		mg/Kg	99			80-120		
Silver	100		102		mg/Kg	102			80-120		
Thallium	100		103		mg/Kg	103			80-120		
Vanadium	100		105		mg/Kg	105			80-120		
Zinc	100		112		mg/Kg	112			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201601MS1, QC1201601MSD1												**Source: 414896-001**
Antimony	1.16	100	100	88.1	85.8	mg/Kg	87	85	2.6	75-125	20	
Arsenic	1.20	100	100	99.0	92.3	mg/Kg	98	91	7.0	75-125	20	
Barium	15.6	100	100	113	121	mg/Kg	97	105	6.8	75-125	20	
Beryllium	ND	100	100	99.8	94.5	mg/Kg	100	95	5.5	75-125	20	
Cadmium	ND	100	100	96.4	97.3	mg/Kg	96	97	0.9	75-125	20	
Chromium	3.14	100	100	98.2	96.6	mg/Kg	95	93	1.6	75-125	20	
Cobalt	2.20	100	100	101	101	mg/Kg	99	99	0.0	75-125	20	
Copper	9.38	100	100	103	100	mg/Kg	94	91	3.0	75-125	20	
Lead	1.84	100	100	106	98.4	mg/Kg	104	97	7.4	75-125	20	
Molybdenum	ND	100	100	102	94.6	mg/Kg	102	95	7.5	75-125	20	

QCBatchID: QC1201601 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/03/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201601MS1, QC1201601MSD1												**Source: 414896-001**
Nickel	2.49	100	100	106	98.0	mg/Kg	104	96	7.8	75-125	20	
Selenium	ND	100	100	97.0	88.6	mg/Kg	97	89	9.1	75-125	20	
Silver	ND	100	100	94.1	93.0	mg/Kg	94	93	1.2	75-125	20	
Thallium	1.62	100	100	94.7	90.2	mg/Kg	93	89	4.9	75-125	20	
Vanadium	8.29	100	100	105	105	mg/Kg	97	97	0.0	75-125	20	
Zinc	22.3	100	100	112	109	mg/Kg	90	87	2.7	75-125	20	

QCBatchID:	**QC1201602**	**Analyst:**	dswafford	**Method:**	EPA 6010B
Matrix:	Solid	**Analyzed:**	05/03/2019	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201602MB1					
Lead	**0.64 J**	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201602LCS1											
Lead	100		104		mg/Kg	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201602MS1, QC1201602MSD1												**Source: 414852-017**
Lead	221	100	100	343	409	mg/Kg	122	188	17.6	75-125	20	M

QCBatchID: QC1201647 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201647MB1					
Antimony	ND	mg/L	0.014	0.04	
Arsenic	ND	mg/L	0.008	0.01	
Barium	ND	mg/L	0.002	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Cadmium	ND	mg/L	0.001	0.005	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.002	0.005	
Copper	**0.008 J**	mg/L	0.001	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.02	
Selenium	ND	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Thallium	ND	mg/L	0.009	0.05	
Vanadium	ND	mg/L	0.002	0.005	
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201647LCS1											
Antimony	2		1.85		mg/L	93			80-120		
Arsenic	2		1.74		mg/L	87			80-120		
Barium	2		1.93		mg/L	97			80-120		
Beryllium	2		2.04		mg/L	102			80-120		
Cadmium	2		1.78		mg/L	89			80-120		
Chromium	2		2.02		mg/L	101			80-120		
Cobalt	2		1.84		mg/L	92			80-120		
Copper	2		2.06		mg/L	103			80-120		
Lead	2		1.86		mg/L	93			80-120		
Molybdenum	2		1.74		mg/L	87			80-120		
Nickel	2		1.83		mg/L	92			80-120		
Selenium	2		1.66		mg/L	83			80-120		
Silver	2		2.00		mg/L	100			80-120		
Thallium	2		1.75		mg/L	88			80-120		
Vanadium	2		2.12		mg/L	106			80-120		
Zinc	2		1.84		mg/L	92			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201647MS1, QC1201647MSD1												**Source: 414852-073**
Antimony	ND	1	1	0.938	0.966	mg/L	94	97	2.9	75-125	20	
Arsenic	ND	1	1	0.892	0.920	mg/L	89	92	3.1	75-125	20	
Barium	ND	1	1	0.946	0.993	mg/L	95	99	4.8	75-125	20	
Beryllium	ND	1	1	0.981	1.04	mg/L	98	104	5.8	75-125	20	
Cadmium	ND	1	1	0.904	0.962	mg/L	90	96	6.2	75-125	20	
Chromium	ND	1	1	0.985	1.04	mg/L	99	104	5.4	75-125	20	
Cobalt	ND	1	1	0.911	0.958	mg/L	91	96	5.0	75-125	20	
Copper	0.011	1	1	1.02	1.07	mg/L	101	106	4.8	75-125	20	
Lead	0.006	1	1	0.952	0.987	mg/L	95	98	3.6	75-125	20	
Molybdenum	ND	1	1	0.913	0.939	mg/L	91	94	2.8	75-125	20	

QCBatchID: QC1201647 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201647MS1, QC1201647MSD1												**Source: 414852-073**
Nickel	ND	1	1	0.900	0.953	mg/L	90	95	5.7	75-125	20	
Selenium	ND	1	1	0.855	0.861	mg/L	86	86	0.7	75-125	20	
Silver	ND	1	1	0.985	1.03	mg/L	99	103	4.5	75-125	20	
Thallium	ND	1	1	0.888	0.922	mg/L	89	92	3.8	75-125	20	
Vanadium	ND	1	1	1.03	1.09	mg/L	103	109	5.7	75-125	20	
Zinc	ND	1	1	0.934	0.983	mg/L	93	98	5.1	75-125	20	

QCBatchID: QC1201664 **Analyst:** Abanh **Method:** EPA 8081A

Matrix: Water **Analyzed:** 05/06/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201664MB1					
4,4'-DDD	ND	ug/L	0.011	0.1	
4,4'-DDE	ND	ug/L	0.006	0.1	
4,4'-DDT	ND	ug/L	0.011	0.1	
a-BHC	ND	ug/L	0.002	0.1	
Aldrin	ND	ug/L	0.007	0.1	
b-BHC	ND	ug/L	0.003	0.1	
Chlordane (technical)	ND	ug/L	0.27	1	
d-BHC	ND	ug/L	0.006	0.1	
Dieldrin	ND	ug/L	0.006	0.1	
Endosulfan I	ND	ug/L	0.004	0.1	
Endosulfan II	ND	ug/L	0.011	0.1	
Endosulfan sulfate	ND	ug/L	0.012	0.1	
Endrin	ND	ug/L	0.008	0.1	
Endrin aldehyde	ND	ug/L	0.009	0.1	
Endrin Ketone	ND	ug/L	0.011	0.1	
Heptachlor	ND	ug/L	0.003	0.1	
Heptachlor epoxide	ND	ug/L	0.002	0.1	
Lindane (Gamma-BHC)	ND	ug/L	0.002	0.1	
Methoxychlor	ND	ug/L	0.055	0.1	
Toxaphene	ND	ug/L	0.48	2	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201664LCS1, QC1201664LCSD1											
4,4'-DDD	0.5	0.5	0.41	0.46	ug/L	82	92	11	42-142	20	
4,4'-DDE	0.5	0.5	0.34	0.35	ug/L	68	70	3	48-133	20	
4,4'-DDT	0.5	0.5	0.31	0.31	ug/L	62	62	0	40-143	20	
a-BHC	0.5	0.5	0.32	0.33	ug/L	64	66	3	55-122	20	
Aldrin	0.5	0.5	0.31	0.30	ug/L	62	60	3	46-117	20	
b-BHC	0.5	0.5	0.35	0.37	ug/L	70	74	6	46-136	20	
d-BHC	0.5	0.5	0.34	0.35	ug/L	68	70	3	53-124	20	
Dieldrin	0.5	0.5	0.35	0.36	ug/L	70	72	3	49-129	20	
Endosulfan I	0.5	0.5	0.35	0.35	ug/L	70	70	0	54-122	20	
Endosulfan II	0.5	0.5	0.32	0.35	ug/L	64	70	9	46-132	20	
Endosulfan sulfate	0.5	0.5	0.36	0.37	ug/L	72	74	3	52-129	20	
Endrin	0.5	0.5	0.39	0.39	ug/L	78	78	0	57-145	20	
Endrin aldehyde	0.5	0.5	0.32	0.36	ug/L	64	72	12	48-116	20	
Endrin Ketone	0.5	0.5	0.34	0.34	ug/L	68	68	0	44-137	20	
Heptachlor	0.5	0.5	0.27	0.28	ug/L	54	56	4	51-128	20	
Heptachlor epoxide	0.5	0.5	0.29	0.29	ug/L	58	58	0	51-122	20	
Lindane (Gamma-BHC)	0.5	0.5	0.31	0.32	ug/L	62	64	3	54-128	20	
Methoxychlor	0.5	0.5	0.35	0.36	ug/L	70	72	3	52-158	20	

QCBatchID: QC1201665 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result		Units	MDL	RDL	Notes
QC1201665MB1						
Antimony	ND		mg/Kg	0.37	3	
Arsenic	ND		mg/Kg	0.36	1	
Barium	ND		mg/Kg	0.23	1	
Beryllium	ND		mg/Kg	0.17	0.5	
Cadmium	ND		mg/Kg	0.21	0.5	
Chromium	ND		mg/Kg	0.13	1	
Cobalt	ND		mg/Kg	0.19	0.5	
Copper	**0.59**	**J**	mg/Kg	0.31	1	
Lead	ND		mg/Kg	0.32	1	
Molybdenum	**0.20**	**J**	mg/Kg	0.13	1	
Nickel	ND		mg/Kg	0.2	1.5	
Selenium	ND		mg/Kg	0.72	3	
Silver	ND		mg/Kg	0.13	0.5	
Thallium	ND		mg/Kg	0.42	3	
Vanadium	ND		mg/Kg	0.37	0.5	
Zinc	ND		mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201665LCS1											
Antimony	100		102		mg/Kg	102			80-120		
Arsenic	100		92.7		mg/Kg	93			80-120		
Barium	200		196		mg/Kg	98			80-120		
Beryllium	100		94.4		mg/Kg	94			80-120		
Cadmium	100		92.2		mg/Kg	92			80-120		
Chromium	100		88.2		mg/Kg	88			80-120		
Cobalt	100		93.3		mg/Kg	93			80-120		
Copper	100		97.6		mg/Kg	98			80-120		
Lead	100		96.6		mg/Kg	97			80-120		
Molybdenum	100		95.1		mg/Kg	95			80-120		
Nickel	100		98.4		mg/Kg	98			80-120		
Selenium	100		89.1		mg/Kg	89			80-120		
Silver	200		194		mg/Kg	97			80-120		
Thallium	100		91.8		mg/Kg	92			80-120		
Vanadium	100		95.4		mg/Kg	95			80-120		
Zinc	100		92.3		mg/Kg	92			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1201665MS1, QC1201665MSD1												**Source: 414845-001**
Antimony	3.11	100	100	39.8	37.7	mg/Kg	37	35	5.4	75-125	20	M
Arsenic	8.97	100	100	102	93.3	mg/Kg	93	84	8.9	75-125	20	
Barium	150	200	200	380	338	mg/Kg	115	94	11.7	75-125	20	
Beryllium	2.42	100	100	87.8	93.4	mg/Kg	85	91	6.2	75-125	20	
Cadmium	0.70	100	100	76.7	80.9	mg/Kg	76	80	5.3	75-125	20	
Chromium	9.32	100	100	87.7	90.7	mg/Kg	78	81	3.4	75-125	20	
Cobalt	6.63	100	100	83.6	87.1	mg/Kg	77	80	4.1	75-125	20	
Copper	15.8	100	100	107	110	mg/Kg	91	94	2.8	75-125	20	
Lead	8.62	100	100	98.6	92.7	mg/Kg	90	84	6.2	75-125	20	
Molybdenum	ND	100	100	84.7	81.3	mg/Kg	85	81	4.1	75-125	20	

QCBatchID: QC1201665 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201665MS1, QC1201665MSD1												**Source: 414845-001**
Nickel	5.81	100	100	91.6	86.8	mg/Kg	86	81	5.4	75-125	20	
Selenium	ND	100	100	85.0	81.1	mg/Kg	85	81	4.7	75-125	20	
Silver	ND	200	200	183	186	mg/Kg	92	93	1.6	75-125	20	
Thallium	1.68	100	100	77.6	77.2	mg/Kg	76	76	0.5	75-125	20	
Vanadium	26.8	100	100	121	122	mg/Kg	94	95	0.8	75-125	20	
Zinc	36.1	100	100	130	123	mg/Kg	94	87	5.5	75-125	20	

QCBatchID: QC1201713 **Analyst:** bmorris **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/07/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201713MB1					
4,4'-DDD	ND	ug/Kg	2.1	5	
4,4'-DDE	ND	ug/Kg	2	5	
4,4'-DDT	ND	ug/Kg	2	5	
a-BHC	ND	ug/Kg	1.6	5	
Aldrin	ND	ug/Kg	1.5	5	
b-BHC	ND	ug/Kg	1.5	5	
Chlordane (technical)	ND	ug/Kg	35	50	
d-BHC	ND	ug/Kg	1.2	5	
Dieldrin	ND	ug/Kg	2.1	5	
Endosulfan I	ND	ug/Kg	1.2	5	
Endosulfan II	ND	ug/Kg	2.8	5	
Endosulfan sulfate	ND	ug/Kg	3.4	5	
Endrin	ND	ug/Kg	2.7	5	
Endrin aldehyde	ND	ug/Kg	2.1	5	
Endrin Ketone	ND	ug/Kg	4.1	5	
Heptachlor	ND	ug/Kg	1.3	5	
Heptachlor epoxide	ND	ug/Kg	2.3	5	
Lindane (Gamma-BHC)	ND	ug/Kg	2	5	
Methoxychlor	ND	ug/Kg	9.2	10	
Toxaphene	ND	ug/Kg	54	100	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201713LCS1											
4,4'-DDD	50		39		ug/Kg	78			43-172		
4,4'-DDE	50		37		ug/Kg	74			44-163		
4,4'-DDT	50		42		ug/Kg	84			40-158		
a-BHC	50		32		ug/Kg	64			45-150		
Aldrin	50		31		ug/Kg	62			46-142		
b-BHC	50		35		ug/Kg	70			42-156		
d-BHC	50		32		ug/Kg	64			37-161		
Dieldrin	50		37		ug/Kg	74			47-151		
Endosulfan I	50		34		ug/Kg	68			47-141		
Endosulfan II	50		36		ug/Kg	72			44-156		
Endosulfan sulfate	50		40		ug/Kg	80			43-157		
Endrin	50		41		ug/Kg	82			47-160		
Endrin aldehyde	50		34		ug/Kg	68			32-127		
Endrin Ketone	50		41		ug/Kg	82			48-159		
Heptachlor	50		29		ug/Kg	58			50-144		
Heptachlor epoxide	50		29		ug/Kg	58			48-145		
Lindane (Gamma-BHC)	50		32		ug/Kg	64			47-151		
Methoxychlor	50		48		ug/Kg	96			36-182		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201713MS1, QC1201713MSD1												**Source: 414973-001**
4,4'-DDD	ND	50	50	36	38	ug/Kg	72	76	5.4	43-172	20	
4,4'-DDE	ND	50	50	34	38	ug/Kg	68	76	11.1	44-163	20	
4,4'-DDT	ND	50	50	46	48	ug/Kg	92	96	4.3	40-158	20	

QCBatchID:	**QC1203756**	**Analyst:**	dswafford	**Method:**	EPA 6010B
Matrix:	Solid	**Analyzed:**	07/01/2019	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1203756MB1					
Lead	ND	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1203756LCS1											
Lead	100		96.4		mg/Kg	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1203756MS1, QC1203756MSD1												**Source: 414777-002**
Lead	22.3	100	100	103	105	mg/Kg	81	83	1.9	75-125	20	

QCBatchID: QC1203757 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/01/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1203757MB1					
Lead	ND	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203757LCS1											
Lead	100		94.1		mg/Kg	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203757MS1, QC1203757MSD1												**Source: 414852-028**
Lead	26.2	100	100	99.0	110	mg/Kg	73	84	10.5	75-125	20	M

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414852

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF, AUC, & KMH

Test Instructions / Comments

x = discrete analysis
c = composite sample
Composite Groups:

CG1B-0.5' 75
- AOC1-W-B17-0.5' (4/29/19)
- AOC1-W-B18-0.5'
- AOC1-W-B19-0.5'
- AOC1-W-B20-0.5'

CG1B-2.5' 76
- AOC1-W-B17-2.5' (4/29/19)
- AOC1-W-B18-2.5'
- AOC1-W-B19-2.5'
- AOC1-W-B20-2.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	OCPs (8081A)	Hold
1	AOC1-W-B19-0.5'	5/1/19	1004	SOIL	1-8oz Jar	ICE	X	C	
2	AOC1-W-B19-1.5'		1010						X
3	AOC1-W-B19-2.5'		1016					C	
4	AOC1-W-B20-0.5'		1022				X	C	
5	AOC1-W-B20-1.5'		1028						X
6	AOC1-W-B20-2.5'		1032					C	
7	AOC1-W-B18-0.5'		1038				X	C	
8	AOC1-W-B18-1.5'		1043						X
9	AOC1-W-B18-2.5'		1048					C	
10	AOC1-W-B11-0.5'	↓	1100	↓	↓	↓		C	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/2/19 0821
1 Received By:		Zoe Padilla	EA/GL	5/2/19 0821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 414852 — Page: 2 of 8

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Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
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Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF, AUC, & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments
11	AOCI-W-B11-1.5'	5/1/19	1105	Soil	1-8oz Jar	ICE			X	Composite Groups:
12	AOCI-W-B11-2.5'		1107					C		CG16-0.5' 77
13	AOCI-W-B9-0.5'		1130				X	C		-AOCI-W-B8-0.5'
14	AOCI-W-B8-0.5'		1148				X	C		-AOCI-W-B9-0.5'
15	AOCI-W-B8-1.5'		1150						X	-AOCI-W-B10-0.5'
16	AOCI-W-B8-2.5'		1151					C		-AOCI-W-B11-0.5'
17	AOCI-W-B6-0.5'		1209				X	C		CG16-2.5' 78
18	AOCI-W-B7-0.5'		1224				X	C		-AOCI-W-B8-2.5'
19	AOCI-W-B7-1.5'		1226						X	~~-AOCI-W-B9-2.5'~~ KMH
20	AOCI-W-B7-2.5'		1228					C		-AOCI-W-B10-2.5'
										-AOCI-W-B11-2.5'
										CG15-0.5' 79
										-AOCI-W-B4-0.5'
										-AOCI-W-B5-0.5'
										-AOCI-W-B6-0.5'
										-AOCI-W-B7-0.5'

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/2/19 0821
1 Received By:		ZAN PADILLA	EA/GL	5/2/19 0821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

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Chain of Custody Record — Lab No: 414852 — Page: 3 of 8

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Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
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Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF, AUC, & KMH

Test Instructions / Comments

Composite Groups
CG15-2.5 S0
-AOCI-W-B4-2.5'
-AOCI-W-B5-2.5'
-AOCI-W-B7-2.5'
CG14-0.5' S1
-AOCI-W-B1-0.5'
-AOCI-W-B2-0.5'
-AOCI-W-B3-0.5'
CG14-2.5' S2
-AOCI-W-B1-2.5'
-AOCI-W-B2-2.5'
-AOCI-W-B3-2.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
21	AOCI-W-B4-0.5'	5/1/19	1240	SOIL	1-8oz jar	ICE	X	C	
22	AOCI-W-B4-1.5'		1245						X
23	AOCI-W-B4-2.5'		1247					C	
24	AOCI-W-B5-0.5'		1300				X	C	
25	AOCI-W-B5-1.5'		1304						X
26	AOCI-W-B5-2.5'		1306					C	
27	AOCI-W-B2-0.5'		1415				X	C	
28	AOCI-W-B2-1.5'		1420						X
29	AOCI-W-B2-2.5'		1423					C	
30	AOCI-W-B3-0.5'	↓	1438	↓	↓	↓	X	C	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/2/19 0821
1 Received By:		ZAN PADILLA	EA/GC	5/2/19 0821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414852

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Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

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Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF, AUC, & KMH

Test Instructions / Comments

Composite Groups

CG1S-0.5' S3
- AOCI-E-B14-0.5'
- AOCI-E-B15-0.5'
- AOCI-E-B16-0.5'
- AOCI-E-B18-0.5'

CG1S-2.5' S4
- AOCI-E-B14-2.5'
- AOCI-E-B15-2.5'
- AOCI-E-B16-2.5'
- AOCI-E-B18-2.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
S1	AOCI-W-B1-0.5'	5/1/19	1452	SOIL	1-8oz jar	ICE	X	C	
S2	AOCI-W-B1-1.5'		1453						X
S3	AOCI-W-B1-2.5'		1454					C	
S4	AOCI-W-B10-0.5'		1507				X	C	
S5	AOCI-W-B10-1.5'		1509						X
S6	AOCI-W-B10-2.5'		1511					C	
S7	AOCI-E-B16-0.5'		1529					C	
S8	AOCI-E-B16-1.5'		1531						X
S9	AOCI-E-B16-2.5'		1533					C	
S10	AOCI-E-B18-0.5'	↓	1535	↓	↓	↓		C	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/2/19 0821
1 Received By:		ZAIN PADILLA	EA/GL	5/2/19 0821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414852

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Enthalpy Analytical - Orange

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF, AMC, & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
41	AOC1-E-B18-1.5'	5/1/19	1558	SOIL	1-8oz jar	ICE			X
42	AOC1-E-B18-2.5'		1540					C	
43	AOC1-E-B14-0.5'		1549					C	
44	AOC1-E-B14-1.5'		1551						X
45	AOC1-E-B14-2.5'		1553					C	
46	AOC1-E-B19-0.5'		1559				X		
47	AOC1-E-B19-1.5'		1601						X
48	AOC1-E-B19-2.5'		1603						X
49	AOC1-E-B5-0.5'		1616				X	C	
50	AOC1-E-B5 1.5'		1619						X

Test Instructions / Comments

Composite Groups

CG2-0.5' 86
- AOC1-E-B1-0.5' (4/29/19)
- AOC1-E-B5-0.5'
- AOC1-E-B6-0.5' (4/29/19)

CG2-2.5' 86
- AOC1-E-B1-2.5' (4/29/19)
- AOC1-E-B5-2.5'
- AOC1-E-B6-2.5' (4/29/19)

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/2/19 0821
1 Received By:		ZAID PADILLA	EA/GL	5/2/19 0821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414852

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF, AUC, & KMH

Test Instructions / Comments

Composite Groups

CG8-0.5' 87
- AOCI-E-B24-0.5'
- AOCI-E-B25-0.5'
- AOCI-E-B26-0.5'

CG8-2.5' 88
- AOCI-E-B4-2.5'
- AOCI-E-B5-2.5'
- AOCI-E-B6-2.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
51	AOCI-E-B5-2.5'	5/1/19	1622	SOIL	1-8oz jar	ICE		C	
52	AOCI-E-B24-0.5'		1645				X	C	
53	AOCI-E-B24-1.5'		1649						X
54	AOCI-E-B24-2.5'		1651					C	
55	AOCI-E-B26-0.5'		1700				X	C	
56	AOCI-E-B26-1.5'		1703						X
57	AOCI-E-B26-2.5'		1707					C	
58	AOCI-E-B25-0.5'		1723				X	C	
59	AOCI-E-B25-1.5'		1728						X
60	AOCI-E-B25-2.5	↓	1730	↓	↓	↓		C	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/2/19 0821
1 Received By:		Zain Dadloa	EA/GL	5/2/19 0821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL	Chain of Custody Record		Turn Around Time (rush by advanced notice only)					
	Lab No:	414852	Standard:	X	5 Day:		3 Day:	
	Page:	7 of 8	2 Day:		1 Day:		Custom TAT:	

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

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	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	DWF, AUC, & KMH

Test Instructions / Comments

Composite Groups

COMP DUP-5 89
- DUP-13
- DUP-14
- DUP-15

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
61	AOCI-E-B15-0.5'	5/1/19	1051	SOIL	1-8oz jar	ICE	X	C	
62	AOCI-E-B15-1.5'	↓	1058	↓	↓	↓			X
63	AOCI-E-B15-2.5'	↓	1103	↓	↓	↓		C	
64	AOCI-E-B13-0.5'	↓	1132	↓	↓	↓	X		
65	AOCI-E-B13-1.5'	↓	1136	↓	↓	↓			X
66	AOCI-E-B13-2.5'	↓	1144	↓	↓	↓			X
67	AOCI-E-B17-0.5'	↓	1158	↓	↓	↓	X		
68	AOCI-E-B17-1.5'	↓	1205	↓	↓	↓			X
69	AOCI-E-B17-2.5'	↓	1244	↓	↓	↓			X
70	DUP-13	↓	—	↓	↓	↓		C	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Kristina Hill	N&M Geologist	5/2/19 0821
1 Received By:	[signature]	ZAIN PADILLA	EA/GL	5/2/19 0821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414852

Page: 8 of 8

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Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Test Instructions / Comments
71	DUP-14	5/1/19	—	SOIL	1-8oz jar	ICE		C	Note: some sample jars were labelled with time in non-24 hour, or military format. Please associate those jars w/ their respective military format times as recorded on these COCs.
72	DUP-15	↓	—	SOIL	↓	↓		C	
73	EB-050119A	↓	—	H_2O	1-amber 1-500mL poly	↓	X	X	
74	EB-050119B	↓	—	H_2O	↓	↓	X	X	
5									
6									
7									
8									
9									
10									

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/2/19 0821
1 Received By:		ZAM PADILLA	EA/GL	5/2/19 0821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton High School PEA

Date Received: 5/2/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.2 #2: 4.6 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.1 #2: 0.6 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)		✓	
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Ice water seeped into the following samples: 'E-B14-0.5, E-B14-1.5', E-B14-2.5',E-B5-0.5, E-B5-1.5' & E-B5-2.5'
Sample 'W-B3-2.5' was not received.
Samples 055, 056 & 057 IDs on containers read 'E-B26-0.5', E-B26-1.5', E-B26-2.5' and on COC they read 'W-B26-0.5', W-B26-1.5', W-B26-2.5'
Collection date and time match and were labeled accordingly

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: RKC Date/Time 5/2/19

☑ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/2/19

Ranjit Clarke

From: Kristina Hill
Sent: Friday, May 03, 2019 4:17 PM
To: Ranjit Clarke (ranjit.clarke@enthalpy.com)
Subject: 210886001 - Compton HS PEA - Composite Group Summary - 8081A
Attachments: N&M_210886001_8081A Composite Groups.xlsx

Ranjit,

Please refer to the attached spreadsheet for composite OCP analysis of samples submitted for the Compton High School PEA.

Notes:

1) One boring, AOC1-E-B23, has not been completed yet. This is noted on the spreadsheet.
2) Two additional analyses are requested (see bottom of spreadsheet). These analyses require slightly different groupings than previously requested. If enough soil remains from the samples submitted, please proceed with the additional analyses, also listed here below.

Additional Analyses:

Composite Group Name	Discrete Sample IDs	Date Discrete Sample Collected
CG18A-0.5'	AOC1-W-B17-0.5'	4/29/2019
	AOC1-W-B18-0.5'	5/1/2019
	AOC1-W-B19-0.5'	5/1/2019
CG19A-0.5'	AOC1-W-B20-0.5'	5/1/2019
	AOC1-W-B23-0.5'	4/30/2019
	AOC1-W-B24-0.5'	4/29/2019
	AOC1-W-B26-0.5'	4/29/2019

Composite Group Name	Discrete Sample IDs	Date Di C
CG18A-2.5'	AOC1-W-B17-2.5'	4
	AOC1-W-B18-2.5'	5
	AOC1-W-B19-2.5'	5
CG19A-2.5'	AOC1-W-B20-2.5'	5
	AOC1-W-B23-2.5'	4
	AOC1-W-B24-2.5'	4
	AOC1-W-B26-2.5'	4

Thanks for all your help!

Kristina Hill, GIT
Staff Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200 | Irvine, CA 92618
(949) 753-7070 **ext. 12227** | (949) 795-2519 (Cell)
www.ninyoandmoore.com

30 Years of Quality Service

From: Kristina Hill
Sent: Friday, May 3, 2019 3:39 PM

Ranjit Clarke

From: Patrick J. Cullip
Sent: Friday, June 28, 2019 4:45 PM
To: Ranjit Clarke
Cc: Audrey Carroll; Jay Roberts
Subject: RE: Compton HS - Additional Lead Analyses

Ranjit,

Please analyze the following soil samples previously placed on hold for the Compton HS project for lead by 6010B with a 2 day TAT:

AOC1-E-B1-1.5
AOC1-E-B2-1.5
AOC1-E-B3-1.5
AOC1-E-B4-1.5
AOC1-E-B6-1.5
AOC1-E-B7-1.5
AOC1-E-B8-1.5
AOC1-E-B9-1.5
AOC1-E-B10-1.5
AOC1-E-B11-1.5
AOC1-E-B12-1.5
AOC1-E-B19-1.5
AOC1-E-B20-1.5
AOC1-E-B31-1.5
AOC1-E-B32-1.5
AOC1-E-B33-1.5
AOC1-E-B34-1.5
AOC1-E-B36-1.5
AOC1-E-B37-1.5
AOC1-E-B38-1.5
AOC1-E-B39-1.5

AOC1-W-B1-1.5
AOC1-W-B2-1.5
AOC1-W-B7-1.5
AOC1-W-B13-1.5
AOC1-W-B22-1.5
AOC1-W-B23-1.5
AOC1-W-B26-1.5
AOC1-W-B27-1.5
AOC1-W-B40-1.5
AOC1-W-B48-1.5

AOC4-B18-S1-10

AOC5-B1-1.5
AOC5-B5-1.5

AOC5-B8-1.5
AOC5-B10-1.5
AOC5-B11-1.5
AOC5-B12-1.5
AOC5-B13-1.5
AOC5-B14-1.5
AOC5-B15-1.5
AOC5-B17-1.5
AOC5-B21-1.5
AOC5-B23-1.5
AOC5-B25-1.5

Thanks,
Patrick

From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Wednesday, June 5, 2019 5:01 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Subject: Re: Compton HS - Additional Lead Analyses

Thanks for the notice.

On Wed, Jun 5, 2019 at 4:36 PM Patrick J. Cullip <pcullip@ninyoandmoore.com> wrote:

> Ranjit,
>
> Since we head several 0.5-foot soil samples collected for Compton HS that had elevated lead, we will be requesting that the deeper samples (1.5 and 2.5-foot) soil samples from the same borings will be analyzed for lead as well. I am working on an amendment to send to the client, which will need to be authorized before we can proceed. I just wanted to give you a heads up that some of the samples we placed on hold will soon be analyzed. Once we get authorization, we'll send a complete list of the samples to be analyzed.
>
> Thanks,
>
> **Patrick Cullip**
> Project Engineer
> **Ninyo & Moore**
>
> Geotechnical & Environmental Sciences Consultants
>
> 475 Goddard, Suite 200 | Irvine, CA 92618
>
> (949) 753-7070 (**x12286**) | (949) 307-4114 (Cell)
>
> **www.ninyoandmoore.com**

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	Ninyo & Moore
Address:	475 Goddard Suite 200 Irvine, CA 92618
Attn:	Patrick Cullip

Lab Request:	414915
Report Date:	05/15/2019
Date Received:	05/02/2019
Client ID:	15461

Comments: Compton High School PEA
#210886001
601 S. Acacia Ave., Compton, CA 90220

Supplemental Report 1 - Additional analyses requested on 05/13/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
414915-001	AOC2-B2-5'
414915-002	AOC2-B2-10'
414915-003	AOC2-B1-5'
414915-004	AOC2-B1-10'
414915-005	AOC2-B1-15'
414915-006	AOC3-B5-5'
414915-007	AOC3-B5-10'
414915-008	AOC3-B5-15'
414915-009	AOC3-B5-20'
414915-010	AOC3-B4-5'
414915-011	AOC3-B4-10'
414915-012	AOC3-B4-15'
414915-013	AOC3-B4-20'
414915-014	EB-050219A
414915-015	EB-050219B
414915-016	Trip Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 11:06	**Site:**			
Sample #:	**414915-001**	**Client Sample #:**	AOC2-B2-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201666		
Antimony	**1.36 J**	1	0.37	3	mg/Kg	05/06/19	05/07/19	KLN	J
Arsenic	**3.02**	1	0.36	1	mg/Kg	05/06/19	05/07/19	KLN	
Barium	**190**	1	0.23	1	mg/Kg	05/06/19	05/07/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Cadmium	**1.02**	1	0.21	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Chromium	**24.9**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Cobalt	**14.4**	1	0.19	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Copper	**29.6**	1	0.31	1	mg/Kg	05/06/19	05/07/19	KLN	
Lead	**6.22**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Nickel	**17.4**	1	0.2	1.5	mg/Kg	05/06/19	05/07/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/06/19	05/07/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Thallium	**2.31 J**	1	0.42	3	mg/Kg	05/06/19	05/07/19	KLN	J
Vanadium	**49.6**	1	0.37	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Zinc	**66.0**	1	0.28	5	mg/Kg	05/06/19	05/07/19	KLN	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201703		
Mercury	**0.07 J**	1	0.039	0.14	mg/Kg	05/07/19	05/07/19	JP	J
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201679		
TPH Diesel	**202**	5	0.11	15	mg/Kg	05/06/19			B
TPH Motor Oil	**18.7 J**	5	10.5	25	mg/Kg	05/06/19			J
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*99*		*50-150*						
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	**210 J**	71.4	17.0646	214.2	mg/Kg		05/07/19	EW	J
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*100*		*60-140*						
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	178.6	42.864	893	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	178.6	26.79	893	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	178.6	51.794	893	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	178.6	39.292	893	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	178.6	132.164	893	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	178.6	41.078	893	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	178.6	32.148	893	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	178.6	37.506	893	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	178.6	32.148	893	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	178.6	35.72	893	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	178.6	58.938	893	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	**8300**	178.6	50.008	893	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	178.6	35.72	893	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	178.6	21.432	893	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	178.6	32.148	893	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	178.6	25.004	893	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	178.6	60.724	893	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	**2500**	178.6	41.078	893	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	178.6	37.506	893	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	178.6	33.934	893	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	178.6	42.864	893	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	178.6	33.934	893	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	ND	178.6	128.592	17860	ug/Kg		05/07/19	LZ	
2-Chlorotoluene	ND	178.6	44.65	893	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 11:06	**Site:**			
Sample #:	**414915-001**	**Client Sample #:**	AOC2-B2-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	178.6	39.292	893	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	178.6	48.222	893	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	178.6	30.362	893	ug/Kg		05/07/19	LZ	
Acetone	ND	178.6	8930	17860	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	178.6	25.004	893	ug/Kg		05/07/19	LZ	
Benzene	**72 J**	178.6	32.148	893	ug/Kg		05/07/19	LZ	J
Bromobenzene	ND	178.6	53.58	893	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	178.6	32.148	893	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	178.6	35.72	893	ug/Kg		05/07/19	LZ	
Bromoform	ND	178.6	33.934	893	ug/Kg		05/07/19	LZ	
Bromomethane	ND	178.6	39.292	893	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	178.6	32.148	893	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	178.6	32.148	893	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	178.6	33.934	893	ug/Kg		05/07/19	LZ	
Chloroethane	ND	178.6	35.72	893	ug/Kg		05/07/19	LZ	
Chloroform	ND	178.6	30.362	893	ug/Kg		05/07/19	LZ	
Chloromethane	ND	178.6	37.506	893	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	178.6	35.72	893	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	178.6	35.72	893	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	178.6	35.72	893	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	178.6	37.506	893	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	178.6	41.078	893	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	178.6	37.506	893	ug/Kg		05/07/19	LZ	
Ethylbenzene	**750 J**	178.6	41.078	893	ug/Kg		05/07/19	LZ	J
Ethyl-tertbutylether (ETBE)	ND	178.6	75.012	893	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	178.6	75.012	893	ug/Kg		05/07/19	LZ	
Isopropylbenzene	**270 J**	178.6	44.65	893	ug/Kg		05/07/19	LZ	J
m and p-Xylene	**3400**	178.6	67.868	893	ug/Kg		05/07/19	LZ	
Methylene chloride	ND	178.6	37.506	893	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	178.6	30.362	893	ug/Kg		05/07/19	LZ	
Naphthalene	**6000**	178.6	28.576	893	ug/Kg		05/07/19	LZ	
N-butylbenzene	**2500**	178.6	44.65	893	ug/Kg		05/07/19	LZ	
N-propylbenzene	**810 J**	178.6	39.292	893	ug/Kg		05/07/19	LZ	J
o-Xylene	**1600**	178.6	33.934	893	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	**820 J**	178.6	50.008	893	ug/Kg		05/07/19	LZ	J
Styrene	ND	178.6	23.218	893	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	ND	178.6	1571.68	1786	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	178.6	33.934	893	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	178.6	60.724	893	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	178.6	41.078	893	ug/Kg		05/07/19	LZ	
Toluene	**530 J**	178.6	30.362	893	ug/Kg		05/07/19	LZ	J
trans-1,2-dichloroethene	ND	178.6	33.934	893	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	178.6	32.148	893	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	178.6	35.72	893	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	178.6	41.078	893	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	178.6	41.078	893	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	178.6	25.004	893	ug/Kg		05/07/19	LZ	
Xylenes (Total)	**5000**	178.6	67.868	893	ug/Kg		05/07/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*86*	*70-145*	
4-Bromofluorobenzene (SUR)	*115*	*70-145*	
Dibromofluoromethane (SUR)	*90*	*70-145*	
Toluene-d8 (SUR)	*104*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 11:30	**Site:**			
Sample #:	**414915-002**	**Client Sample #:**	AOC2-B2-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Antimony	**2.25 J**	1	0.37	3	mg/Kg	05/06/19	05/07/19	KLN	J
Arsenic	**3.10**	1	0.36	1	mg/Kg	05/06/19	05/07/19	KLN	
Barium	**113**	1	0.23	1	mg/Kg	05/06/19	05/07/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Cadmium	**0.60**	1	0.21	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Chromium	**13.4**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Cobalt	**7.93**	1	0.19	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Copper	**17.6**	1	0.31	1	mg/Kg	05/06/19	05/07/19	KLN	
Lead	**3.14**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	
Molybdenum	**2.48**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Nickel	**11.1**	1	0.2	1.5	mg/Kg	05/06/19	05/07/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/06/19	05/07/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Thallium	ND	1	0.42	3	mg/Kg	05/06/19	05/07/19	KLN	
Vanadium	**30.6**	1	0.37	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Zinc	**37.5**	1	0.28	5	mg/Kg	05/06/19	05/07/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201703		
Mercury	ND	1	0.039	0.14	mg/Kg	05/07/19	05/07/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201679		
TPH Diesel	**31.0**	1	0.022	3	mg/Kg	05/06/19			B
TPH Motor Oil	**3.93 J**	1	2.1	5	mg/Kg	05/06/19			J
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*97*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201660		
TPH Gasoline	**8.1**	0.88	0.21032	2.64	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*135*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201765		
1,1,1,2-Tetrachloroethane	ND	42.4	10.176	212	ug/Kg		05/09/19	LZ	
1,1,1-Trichloroethane	ND	42.4	6.36	212	ug/Kg		05/09/19	LZ	
1,1,2,2-Tetrachloroethane	ND	42.4	12.296	212	ug/Kg		05/09/19	LZ	
1,1,2-Trichloroethane	ND	42.4	9.328	212	ug/Kg		05/09/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	42.4	31.376	212	ug/Kg		05/09/19	LZ	
1,1-Dichloroethane	ND	42.4	9.752	212	ug/Kg		05/09/19	LZ	
1,1-Dichloroethene	ND	42.4	7.632	212	ug/Kg		05/09/19	LZ	
1,1-Dichloropropene	ND	42.4	8.904	212	ug/Kg		05/09/19	LZ	
1,2,3-Trichlorobenzene	ND	42.4	7.632	212	ug/Kg		05/09/19	LZ	
1,2,3-Trichloropropane	ND	42.4	8.48	212	ug/Kg		05/09/19	LZ	
1,2,4-Trichlorobenzene	ND	42.4	13.992	212	ug/Kg		05/09/19	LZ	
1,2,4-Trimethylbenzene	**500**	42.4	11.872	212	ug/Kg		05/09/19	LZ	
1,2-Dibromo-3-chloropropane	ND	42.4	8.48	212	ug/Kg		05/09/19	LZ	
1,2-Dibromoethane	ND	42.4	5.088	212	ug/Kg		05/09/19	LZ	
1,2-Dichlorobenzene	ND	42.4	7.632	212	ug/Kg		05/09/19	LZ	
1,2-Dichloroethane	ND	42.4	5.936	212	ug/Kg		05/09/19	LZ	
1,2-Dichloropropane	ND	42.4	14.416	212	ug/Kg		05/09/19	LZ	
1,3,5-Trimethylbenzene	**160 J**	42.4	9.752	212	ug/Kg		05/09/19	LZ	J
1,3-Dichlorobenzene	ND	42.4	8.904	212	ug/Kg		05/09/19	LZ	
1,3-Dichloropropane	ND	42.4	8.056	212	ug/Kg		05/09/19	LZ	
1,4-Dichlorobenzene	ND	42.4	10.176	212	ug/Kg		05/09/19	LZ	
2,2-Dichloropropane	ND	42.4	8.056	212	ug/Kg		05/09/19	LZ	
2-Butanone (MEK)	ND	42.4	30.528	4240	ug/Kg		05/09/19	LZ	
2-Chlorotoluene	ND	42.4	10.6	212	ug/Kg		05/09/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 11:30	**Site:**			
Sample #:	**414915-002**	**Client Sample #:**	AOC2-B2-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	42.4	9.328	212	ug/Kg		05/09/19	LZ	
4-Isopropyltoluene	**37 J**	42.4	11.448	212	ug/Kg		05/09/19	LZ	J
4-Methyl-2-pentanone (MIBK)	ND	42.4	7.208	212	ug/Kg		05/09/19	LZ	
Acetone	ND	42.4	2120	4240	ug/Kg		05/09/19	LZ	
Allyl Chloride	ND	42.4	5.936	212	ug/Kg		05/09/19	LZ	
Benzene	ND	42.4	7.632	212	ug/Kg		05/09/19	LZ	
Bromobenzene	ND	42.4	12.72	212	ug/Kg		05/09/19	LZ	
Bromochloromethane	ND	42.4	7.632	212	ug/Kg		05/09/19	LZ	
Bromodichloromethane	ND	42.4	8.48	212	ug/Kg		05/09/19	LZ	
Bromoform	ND	42.4	8.056	212	ug/Kg		05/09/19	LZ	
Bromomethane	ND	42.4	9.328	212	ug/Kg		05/09/19	LZ	
Carbon Tetrachloride	ND	42.4	7.632	212	ug/Kg		05/09/19	LZ	
Chlorobenzene	ND	42.4	7.632	212	ug/Kg		05/09/19	LZ	
Chlorodibromomethane	ND	42.4	8.056	212	ug/Kg		05/09/19	LZ	
Chloroethane	ND	42.4	8.48	212	ug/Kg		05/09/19	LZ	
Chloroform	ND	42.4	7.208	212	ug/Kg		05/09/19	LZ	
Chloromethane	ND	42.4	8.904	212	ug/Kg		05/09/19	LZ	
cis-1,2-Dichloroethene	ND	42.4	8.48	212	ug/Kg		05/09/19	LZ	
cis-1,3-dichloropropene	ND	42.4	8.48	212	ug/Kg		05/09/19	LZ	
cis-1,4-dichloro-2-butene	ND	42.4	8.48	212	ug/Kg		05/09/19	LZ	
Dibromomethane	ND	42.4	8.904	212	ug/Kg		05/09/19	LZ	
Dichlorodifluoromethane	ND	42.4	9.752	212	ug/Kg		05/09/19	LZ	
Di-isopropyl ether (DIPE)	ND	42.4	8.904	212	ug/Kg		05/09/19	LZ	
Ethylbenzene	**37 J**	42.4	9.752	212	ug/Kg		05/09/19	LZ	J
Ethyl-tertbutylether (ETBE)	ND	42.4	17.808	212	ug/Kg		05/09/19	LZ	
Hexachlorobutadiene	ND	42.4	17.808	212	ug/Kg		05/09/19	LZ	
Isopropylbenzene	**15 J**	42.4	10.6	212	ug/Kg		05/09/19	LZ	J
m and p-Xylene	**170 J**	42.4	16.112	212	ug/Kg		05/09/19	LZ	J
Methylene chloride	ND	42.4	8.904	212	ug/Kg		05/09/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	42.4	7.208	212	ug/Kg		05/09/19	LZ	
Naphthalene	**350**	42.4	6.784	212	ug/Kg		05/09/19	LZ	
N-butylbenzene	**180 J**	42.4	10.6	212	ug/Kg		05/09/19	LZ	J
N-propylbenzene	**47 J**	42.4	9.328	212	ug/Kg		05/09/19	LZ	J
o-Xylene	**140 J**	42.4	8.056	212	ug/Kg		05/09/19	LZ	J
Sec-butylbenzene	**74 J**	42.4	11.872	212	ug/Kg		05/09/19	LZ	J
Styrene	ND	42.4	5.512	212	ug/Kg		05/09/19	LZ	
t-Butyl alcohol (TBA)	ND	42.4	373.12	424	ug/Kg		05/09/19	LZ	
Tert-amylmethylether (TAME)	ND	42.4	8.056	212	ug/Kg		05/09/19	LZ	
Tert-butylbenzene	ND	42.4	14.416	212	ug/Kg		05/09/19	LZ	
Tetrachloroethene	ND	42.4	9.752	212	ug/Kg		05/09/19	LZ	
Toluene	**31 J**	42.4	7.208	212	ug/Kg		05/09/19	LZ	J
trans-1,2-dichloroethene	ND	42.4	8.056	212	ug/Kg		05/09/19	LZ	
trans-1,3-dichloropropene	ND	42.4	7.632	212	ug/Kg		05/09/19	LZ	
trans-1,4-dichloro-2-butene	ND	42.4	8.48	212	ug/Kg		05/09/19	LZ	
Trichloroethene	ND	42.4	9.752	212	ug/Kg		05/09/19	LZ	
Trichlorofluoromethane	ND	42.4	9.752	212	ug/Kg		05/09/19	LZ	
Vinyl Chloride	ND	42.4	5.936	212	ug/Kg		05/09/19	LZ	
Xylenes (Total)	**310**	42.4	16.112	212	ug/Kg		05/09/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*85*	*70-145*	
4-Bromofluorobenzene (SUR)	*118*	*70-145*	
Dibromofluoromethane (SUR)	*89*	*70-145*	
Toluene-d8 (SUR)	*103*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 15:08	**Site:**			
Sample #:	**414915-003**	**Client Sample #:**	AOC2-B1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Antimony	ND	1	0.37	3	mg/Kg	05/06/19	05/07/19	KLN	
Arsenic	**2.10**	1	0.36	1	mg/Kg	05/06/19	05/07/19	KLN	
Barium	**87.5**	1	0.23	1	mg/Kg	05/06/19	05/07/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Cadmium	**0.54**	1	0.21	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Chromium	**12.7**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Cobalt	**8.14**	1	0.19	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Copper	**11.2**	1	0.31	1	mg/Kg	05/06/19	05/07/19	KLN	
Lead	**3.48**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Nickel	**7.87**	1	0.2	1.5	mg/Kg	05/06/19	05/07/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/06/19	05/07/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Thallium	**1.24 J**	1	0.42	3	mg/Kg	05/06/19	05/07/19	KLN	J
Vanadium	**29.1**	1	0.37	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Zinc	**36.4**	1	0.28	5	mg/Kg	05/06/19	05/07/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201703		
Mercury	ND	1	0.039	0.14	mg/Kg	05/07/19	05/07/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201679		
TPH Diesel	**58.7**	1	0.022	3	mg/Kg	05/06/19			B
TPH Motor Oil	**47.2**	1	2.1	5	mg/Kg	05/06/19			
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*144*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201660		
TPH Gasoline	ND	0.94	0.22466	2.82	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*115*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	**2.4 J**	0.9	0.648	90	ug/Kg		05/07/19	LZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 15:08	**Site:**			
Sample #:	**414915-003**	**Client Sample #:**	AOC2-B1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
Acetone	ND	0.9	45	90	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/07/19	LZ	
Benzene	**2.2 J**	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
Ethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/07/19	LZ	
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		05/07/19	LZ	
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/07/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/07/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/07/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	**9.0**	0.9	7.92	9	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Toluene	**0.74 J**	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/07/19	LZ	
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		05/07/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*92*	*70-145*	
4-Bromofluorobenzene (SUR)	*116*	*70-145*	
Dibromofluoromethane (SUR)	*91*	*70-145*	
Toluene-d8 (SUR)	*108*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 15:13	**Site:**			
Sample #:	**414915-004**	**Client Sample #:**	AOC2-B1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201910		
TPH Diesel	**2.64**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*62*		*50-150*						
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201808		
TPH Gasoline	ND	0.78	0.18642	2.34	mg/Kg		05/13/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*85*		*60-140*						
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201911		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/13/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/13/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/13/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/13/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/13/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/13/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/13/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/13/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/13/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/13/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/13/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
2-Butanone (MEK)	**2.8 J**	0.8	0.576	80	ug/Kg		05/13/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/13/19	LZ	
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/13/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/13/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/13/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/13/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/13/19	LZ	
Benzene	**2.9 J**	0.8	0.144	4	ug/Kg		05/13/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/13/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/13/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/13/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 15:13	**Site:**			
Sample #:	**414915-004**	**Client Sample #:**	AOC2-B1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/13/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/13/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/13/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/13/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/13/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/13/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/13/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/13/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/13/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/13/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/13/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/13/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Toluene	**0.86 J**	0.8	0.136	4	ug/Kg		05/13/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/13/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/13/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*115*	*70-145*	
4-Bromofluorobenzene (SUR)	*98*	*70-145*	
Dibromofluoromethane (SUR)	*104*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 15:25	**Site:**			
Sample #:	**414915-005**	**Client Sample #:**	AOC2-B1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Antimony	**1.63 J**	1	0.37	3	mg/Kg	05/06/19	05/07/19	KLN	J
Arsenic	**2.87**	1	0.36	1	mg/Kg	05/06/19	05/07/19	KLN	
Barium	**161**	1	0.23	1	mg/Kg	05/06/19	05/07/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Cadmium	**0.59**	1	0.21	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Chromium	**17.2**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Cobalt	**12.3**	1	0.19	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Copper	**16.6**	1	0.31	1	mg/Kg	05/06/19	05/07/19	KLN	
Lead	**3.69**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Nickel	**12.6**	1	0.2	1.5	mg/Kg	05/06/19	05/07/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/06/19	05/07/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Thallium	**1.98 J**	1	0.42	3	mg/Kg	05/06/19	05/07/19	KLN	J
Vanadium	**39.9**	1	0.37	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Zinc	**50.8**	1	0.28	5	mg/Kg	05/06/19	05/07/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201703		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/07/19	05/07/19	JP	J
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201679		
TPH Diesel	**3.45**	1	0.022	3	mg/Kg	05/06/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/06/19			

Surrogate	*% Recovery*	*Limits*	*Notes*
Triacontane (SUR)	*92*	*50-150*	

Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201660		
TPH Gasoline	ND	0.81	0.19359	2.43	mg/Kg		05/07/19	EW	

Surrogate	*% Recovery*	*Limits*	*Notes*
4-Bromofluorobenzene (SUR)	*95*	*60-140*	

Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	ND	0.8	0.576	80	ug/Kg		05/07/19	LZ	
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 15:25	**Site:**			
Sample #:	**414915-005**	**Client Sample #:**	AOC2-B1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/07/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/07/19	LZ	
Benzene	**0.59 J**	0.8	0.144	4	ug/Kg		05/07/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/07/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/07/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/07/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/07/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/07/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/07/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/07/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Toluene	**0.28 J**	0.8	0.136	4	ug/Kg		05/07/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/07/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/07/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*107*	*70-145*	
4-Bromofluorobenzene (SUR)	*117*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/02/2019 16:15 **Site:**
Sample #: 414915-006 **Client Sample #:** AOC3-B5-5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201666		
Antimony	**1.12 J**	1	0.37	3	mg/Kg	05/06/19	05/07/19	KLN	J
Arsenic	**1.54**	1	0.36	1	mg/Kg	05/06/19	05/07/19	KLN	
Barium	**156**	1	0.23	1	mg/Kg	05/06/19	05/07/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Cadmium	**0.51**	1	0.21	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Chromium	**16.6**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Cobalt	**11.3**	1	0.19	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Copper	**16.4**	1	0.31	1	mg/Kg	05/06/19	05/07/19	KLN	
Lead	**3.83**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	
Molybdenum	**1.07**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Nickel	**11.1**	1	0.2	1.5	mg/Kg	05/06/19	05/07/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/06/19	05/07/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Thallium	**2.12 J**	1	0.42	3	mg/Kg	05/06/19	05/07/19	KLN	J
Vanadium	**37.2**	1	0.37	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Zinc	**48.8**	1	0.28	5	mg/Kg	05/06/19	05/07/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201703		
Mercury	ND	1	0.039	0.14	mg/Kg	05/07/19	05/07/19	JP	
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201679		
TPH Diesel	**1.55 J**	1	0.022	3	mg/Kg	05/06/19			B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/06/19			
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*89*		*50-150*						
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	ND	1.04	0.24856	3.12	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*100*		*60-140*						
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	**2.1 J**	0.9	0.648	90	ug/Kg		05/07/19	LZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 16:15	**Site:**			
Sample #:	**414915-006**	**Client Sample #:**	AOC3-B5-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
Acetone	ND	0.9	45	90	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/07/19	LZ	
Benzene	**1.8 J**	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
Ethylbenzene	**0.26 J**	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	J
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/07/19	LZ	
m and p-Xylene	**0.38 J**	0.9	0.342	4.5	ug/Kg		05/07/19	LZ	J
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/07/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/07/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/07/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	**9.6**	0.9	7.92	9	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Toluene	**1.6 J**	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/07/19	LZ	
Xylenes (Total)	**0.38 J**	0.9	0.342	4.5	ug/Kg		05/07/19	LZ	J

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*101*	*70-145*	
4-Bromofluorobenzene (SUR)	*117*	*70-145*	
Dibromofluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*101*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 16:20	**Site:**			
Sample #:	**414915-007**	**Client Sample #:**	AOC3-B5-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 16:25	**Site:**			
Sample #:	**414915-008**	**Client Sample #:**	AOC3-B5-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201666		
Antimony	**1.26 J**	1	0.37	3	mg/Kg	05/06/19	05/07/19	KLN	J
Arsenic	**1.51**	1	0.36	1	mg/Kg	05/06/19	05/07/19	KLN	
Barium	**143**	1	0.23	1	mg/Kg	05/06/19	05/07/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Cadmium	**0.60**	1	0.21	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Chromium	**18.2**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Cobalt	**11.6**	1	0.19	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Copper	**18.1**	1	0.31	1	mg/Kg	05/06/19	05/07/19	KLN	
Lead	**3.96**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Nickel	**12.9**	1	0.2	1.5	mg/Kg	05/06/19	05/07/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/06/19	05/07/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Thallium	**1.30 J**	1	0.42	3	mg/Kg	05/06/19	05/07/19	KLN	J
Vanadium	**39.7**	1	0.37	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Zinc	**52.4**	1	0.28	5	mg/Kg	05/06/19	05/07/19	KLN	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201703		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/07/19	05/07/19	JP	J
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201679		
TPH Diesel	**1.23 J**	1	0.022	3	mg/Kg	05/06/19			B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/06/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*85*		*50-150*						
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	ND	0.81	0.19359	2.43	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*105*		*60-140*						
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	0.7	0.168	3.5	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	0.7	0.105	3.5	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.7	0.203	3.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	0.518	3.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	0.7	0.231	3.5	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	0.7	0.084	3.5	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	0.7	0.098	3.5	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	0.7	0.238	3.5	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	0.7	0.168	3.5	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	ND	0.7	0.504	70	ug/Kg		05/07/19	LZ	
2-Chlorotoluene	ND	0.7	0.175	3.5	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 16:25	**Site:**			
Sample #:	**414915-008**	**Client Sample #:**	AOC3-B5-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	0.7	0.189	3.5	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
Acetone	ND	0.7	35	70	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/07/19	LZ	
Benzene	**0.76 J**	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	J
Bromobenzene	ND	0.7	0.21	3.5	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Bromoform	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Bromomethane	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Chloroethane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Chloroform	ND	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
Chloromethane	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
Ethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.7	0.294	3.5	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	0.7	0.294	3.5	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/07/19	LZ	
m and p-Xylene	ND	0.7	0.266	3.5	ug/Kg		05/07/19	LZ	
Methylene chloride	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
Naphthalene	ND	0.7	0.112	3.5	ug/Kg		05/07/19	LZ	
N-butylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/07/19	LZ	
N-propylbenzene	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
o-Xylene	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/07/19	LZ	
Styrene	ND	0.7	0.091	3.5	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	ND	0.7	6.16	7	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	0.7	0.238	3.5	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Toluene	**0.43 J**	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	J
trans-1,2-dichloroethene	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/07/19	LZ	
Xylenes (Total)	ND	0.7	0.266	3.5	ug/Kg		05/07/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*102*	*70-145*	
4-Bromofluorobenzene (SUR)	*113*	*70-145*	
Dibromofluoromethane (SUR)	*97*	*70-145*	
Toluene-d8 (SUR)	*101*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 16:30	**Site:**			
Sample #:	**414915-009**	**Client Sample #:**	AOC3-B5-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/02/2019 17:48 **Site:**
Sample #: 414915-010 **Client Sample #:** AOC3-B4-5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201666		
Antimony	ND	1	0.37	3	mg/Kg	05/06/19	05/07/19	KLN	
Arsenic	**2.21**	1	0.36	1	mg/Kg	05/06/19	05/07/19	KLN	
Barium	**213**	1	0.23	1	mg/Kg	05/06/19	05/07/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Cadmium	**0.82**	1	0.21	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Chromium	**22.7**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Cobalt	**15.8**	1	0.19	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Copper	**33.3**	1	0.31	1	mg/Kg	05/06/19	05/07/19	KLN	
Lead	**4.57**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	
Molybdenum	**1.25**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Nickel	**15.9**	1	0.2	1.5	mg/Kg	05/06/19	05/07/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/06/19	05/07/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Thallium	**2.57 J**	1	0.42	3	mg/Kg	05/06/19	05/07/19	KLN	J
Vanadium	**54.0**	1	0.37	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Zinc	**62.8**	1	0.28	5	mg/Kg	05/06/19	05/07/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201703		
Mercury	**0.06 J**	1	0.039	0.14	mg/Kg	05/07/19	05/07/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201679		
TPH Diesel	**4.08**	1	0.022	3	mg/Kg	05/06/19			B
TPH Motor Oil	**6.60**	1	2.1	5	mg/Kg	05/06/19			
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*96*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	ND	0.78	0.18642	2.34	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	0.7	0.168	3.5	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	0.7	0.105	3.5	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.7	0.203	3.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	0.518	3.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	0.7	0.231	3.5	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	0.7	0.084	3.5	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	0.7	0.098	3.5	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	0.7	0.238	3.5	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	0.7	0.168	3.5	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	**1.6 J**	0.7	0.504	70	ug/Kg		05/07/19	LZ	J
2-Chlorotoluene	ND	0.7	0.175	3.5	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 17:48	**Site:**			
Sample #:	**414915-010**	**Client Sample #:**	AOC3-B4-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	0.7	0.189	3.5	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
Acetone	ND	0.7	35	70	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/07/19	LZ	
Benzene	**1.1 J**	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	J
Bromobenzene	ND	0.7	0.21	3.5	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Bromoform	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Bromomethane	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Chloroethane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Chloroform	ND	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
Chloromethane	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
Ethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.7	0.294	3.5	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	0.7	0.294	3.5	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/07/19	LZ	
m and p-Xylene	ND	0.7	0.266	3.5	ug/Kg		05/07/19	LZ	
Methylene chloride	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
Naphthalene	ND	0.7	0.112	3.5	ug/Kg		05/07/19	LZ	
N-butylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/07/19	LZ	
N-propylbenzene	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
o-Xylene	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/07/19	LZ	
Styrene	ND	0.7	0.091	3.5	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	ND	0.7	6.16	7	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	0.7	0.238	3.5	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Toluene	**0.36 J**	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	J
trans-1,2-dichloroethene	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/07/19	LZ	
Xylenes (Total)	ND	0.7	0.266	3.5	ug/Kg		05/07/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*106*	*70-145*	
4-Bromofluorobenzene (SUR)	*113*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*101*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 17:55	**Site:**			
Sample #:	**414915-011**	**Client Sample #:**	AOC3-B4-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 18:00	**Site:**			
Sample #:	**414915-012**	**Client Sample #:**	AOC3-B4-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Antimony	**5.57**	1	0.37	3	mg/Kg	05/06/19	05/07/19	KLN	
Arsenic	**2.73**	1	0.36	1	mg/Kg	05/06/19	05/07/19	KLN	
Barium	**134**	1	0.23	1	mg/Kg	05/06/19	05/07/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Cadmium	**0.82**	1	0.21	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Chromium	**17.8**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	
Cobalt	**12.1**	1	0.19	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Copper	**20.0**	1	0.31	1	mg/Kg	05/06/19	05/07/19	KLN	
Lead	**4.79**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	
Molybdenum	**0.69 J**	1	0.13	1	mg/Kg	05/06/19	05/07/19	KLN	J
Nickel	**12.0**	1	0.2	1.5	mg/Kg	05/06/19	05/07/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/06/19	05/07/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Thallium	**1.94 J**	1	0.42	3	mg/Kg	05/06/19	05/07/19	KLN	J
Vanadium	**36.8**	1	0.37	0.5	mg/Kg	05/06/19	05/07/19	KLN	
Zinc	**41.6**	1	0.28	5	mg/Kg	05/06/19	05/07/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201703		
Mercury	ND	1	0.039	0.14	mg/Kg	05/07/19	05/07/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201679		
TPH Diesel	**4.29**	1	0.022	3	mg/Kg	05/06/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/06/19			
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*90*		*50-150*						
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201660		
TPH Gasoline	ND	0.78	0.18642	2.34	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*105*		*60-140*						
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	**1.7 J**	0.8	0.576	80	ug/Kg		05/07/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 18:00	**Site:**			
Sample #:	**414915-012**	**Client Sample #:**	AOC3-B4-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/07/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/07/19	LZ	
Benzene	**2.3 J**	0.8	0.144	4	ug/Kg		05/07/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/07/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
Ethylbenzene	**0.35 J**	0.8	0.184	4	ug/Kg		05/07/19	LZ	J
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/07/19	LZ	
m and p-Xylene	**0.44 J**	0.8	0.304	4	ug/Kg		05/07/19	LZ	J
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/07/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/07/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/07/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
o-Xylene	**0.16 J**	0.8	0.152	4	ug/Kg		05/07/19	LZ	J
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/07/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Toluene	**2.2 J**	0.8	0.136	4	ug/Kg		05/07/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/07/19	LZ	
Xylenes (Total)	**0.6 J**	0.8	0.304	4	ug/Kg		05/07/19	LZ	J

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*107*	*70-145*	
4-Bromofluorobenzene (SUR)	*112*	*70-145*	
Dibromofluoromethane (SUR)	*100*	*70-145*	
Toluene-d8 (SUR)	*99*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019 18:10	**Site:**			
Sample #:	**414915-013**	**Client Sample #:**	AOC3-B4-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019	**Site:**			
Sample #:	**414915-014**	**Client Sample #:**	EB-050219A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3010A						QCBatchID: QC1201647		
Antimony	**0.019 J**	1	0.014	0.04	mg/L	05/06/19	05/07/19	KLN	J
Arsenic	ND	1	0.008	0.01	mg/L	05/06/19	05/07/19	KLN	
Barium	ND	1	0.002	0.01	mg/L	05/06/19	05/06/19	KLN	
Beryllium	ND	1	0.001	0.005	mg/L	05/06/19	05/06/19	KLN	
Cadmium	ND	1	0.001	0.005	mg/L	05/06/19	05/07/19	KLN	
Chromium	ND	1	0.002	0.01	mg/L	05/06/19	05/06/19	KLN	
Cobalt	ND	1	0.001	0.005	mg/L	05/06/19	05/06/19	KLN	
Copper	**0.007 J**	1	0.004	0.01	mg/L	05/06/19	05/06/19	KLN	B1,J
Lead	ND	1	0.005	0.01	mg/L	05/06/19	05/07/19	KLN	
Molybdenum	ND	1	0.005	0.01	mg/L	05/06/19	05/07/19	KLN	
Nickel	ND	1	0.003	0.02	mg/L	05/06/19	05/06/19	KLN	
Selenium	ND	1	0.016	0.03	mg/L	05/06/19	05/07/19	KLN	
Silver	ND	1	0.003	0.005	mg/L	05/06/19	05/06/19	KLN	
Thallium	ND	1	0.009	0.05	mg/L	05/06/19	05/07/19	KLN	
Vanadium	ND	1	0.002	0.005	mg/L	05/06/19	05/06/19	KLN	
Zinc	ND	1	0.007	0.05	mg/L	05/06/19	05/07/19	KLN	
Method: EPA 7470A NELAC	Prep Method: Method						QCBatchID: QC1201709		
Mercury	ND	1	0.094	0.4	ug/L	05/07/19	05/07/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3510C						QCBatchID: QC1201620		
TPH Diesel	ND	1	0.04	0.1	mg/L	05/03/19			
TPH Motor Oil	ND	1	0.07	0.3	mg/L	05/03/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*65*		*50-150*						
Method: EPA 8015B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201401		
TPH Gasoline	ND	1	16	50	ug/L		05/06/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*111*		*60-140*						
Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201577		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/02/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/02/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/02/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/02/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/02/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/02/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/02/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/02/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/02/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/02/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/02/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/02/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/02/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/02/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/02/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/02/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/02/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/02/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/02/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/02/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/02/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/02/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/02/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/02/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019	**Site:**			
Sample #:	**414915-014**	**Client Sample #:**	EB-050219A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/02/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/02/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/02/19	LZ	
Acetone	ND	1	50	100	ug/L		05/02/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/02/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/02/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/02/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/02/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/02/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/02/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/02/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/02/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/02/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/02/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/02/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/02/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/02/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/02/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/02/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/02/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/02/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/02/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/02/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/02/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/02/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/02/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/02/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/02/19	LZ	
Methylene chloride	**5.6**	1	0.16	5	ug/L		05/02/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/02/19	LZ	
Naphthalene	ND	1	0.25	5	ug/L		05/02/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/02/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/02/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/02/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/02/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/02/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/02/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/02/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/02/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/02/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/02/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/02/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/02/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/02/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/02/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/02/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/02/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/02/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*90*	*70-145*	
4-Bromofluorobenzene (SUR)	*100*	*70-145*	
Dibromofluoromethane (SUR)	*103*	*70-145*	
Toluene-d8 (SUR)	*99*	*70-145*	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019	**Site:**			
Sample #:	**414915-015**	**Client Sample #:**	EB-050219B	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3010A						QCBatchID: QC1201647		
Antimony	ND	1	0.014	0.04	mg/L	05/06/19	05/07/19	KLN	
Arsenic	ND	1	0.008	0.01	mg/L	05/06/19	05/07/19	KLN	
Barium	ND	1	0.002	0.01	mg/L	05/06/19	05/06/19	KLN	
Beryllium	ND	1	0.001	0.005	mg/L	05/06/19	05/06/19	KLN	
Cadmium	ND	1	0.001	0.005	mg/L	05/06/19	05/07/19	KLN	
Chromium	ND	1	0.002	0.01	mg/L	05/06/19	05/06/19	KLN	
Cobalt	ND	1	0.001	0.005	mg/L	05/06/19	05/06/19	KLN	
Copper	**0.006 J**	1	0.004	0.01	mg/L	05/06/19	05/06/19	KLN	B1,J
Lead	ND	1	0.005	0.01	mg/L	05/06/19	05/07/19	KLN	
Molybdenum	ND	1	0.005	0.01	mg/L	05/06/19	05/07/19	KLN	
Nickel	ND	1	0.003	0.02	mg/L	05/06/19	05/06/19	KLN	
Selenium	ND	1	0.016	0.03	mg/L	05/06/19	05/07/19	KLN	
Silver	ND	1	0.003	0.005	mg/L	05/06/19	05/06/19	KLN	
Thallium	ND	1	0.009	0.05	mg/L	05/06/19	05/07/19	KLN	
Vanadium	ND	1	0.002	0.005	mg/L	05/06/19	05/06/19	KLN	
Zinc	ND	1	0.007	0.05	mg/L	05/06/19	05/07/19	KLN	
Method: EPA 7470A NELAC	Prep Method: Method						QCBatchID: QC1201709		
Mercury	ND	1	0.094	0.4	ug/L	05/07/19	05/07/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3510C						QCBatchID: QC1201620		
TPH Diesel	ND	1	0.04	0.1	mg/L	05/03/19			
TPH Motor Oil	ND	1	0.07	0.3	mg/L	05/03/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*65*		*50-150*						
Method: EPA 8015B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201401		
TPH Gasoline	ND	1	16	50	ug/L		05/06/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*112*		*60-140*						
Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201577		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/03/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/03/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/03/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/03/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/03/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/03/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/03/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/03/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/03/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/03/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/03/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/03/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/03/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/03/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/03/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/03/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/03/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/03/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/03/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/03/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/03/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/03/19	LZ	
2-Butanone (MEK)	**5.9 J**	1	0.78	100	ug/L		05/03/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/03/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019	**Site:**			
Sample #:	**414915-015**	**Client Sample #:**	EB-050219B	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/03/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/03/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/03/19	LZ	
Acetone	ND	1	50	100	ug/L		05/03/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/03/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/03/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/03/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/03/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/03/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/03/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/03/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/03/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/03/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/03/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/03/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/03/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/03/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/03/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/03/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/03/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/03/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/03/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/03/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/03/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/03/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/03/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/03/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/03/19	LZ	
Methylene chloride	**6.3**	1	0.16	5	ug/L		05/03/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/03/19	LZ	
Naphthalene	ND	1	0.25	5	ug/L		05/03/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/03/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/03/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/03/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/03/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/03/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/03/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/03/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/03/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/03/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/03/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/03/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/03/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/03/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/03/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/03/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/03/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/03/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*88*	*70-145*	
4-Bromofluorobenzene (SUR)	*98*	*70-145*	
Dibromofluoromethane (SUR)	*103*	*70-145*	
Toluene-d8 (SUR)	*99*	*70-145*	

Matrix: Water	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/02/2019	**Site:**				
Sample #: **414915-016**	**Client Sample #:** Trip Blank		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8260B *NELAC* Prep Method: EPA 5030B							QCBatchID: QC1201577		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/03/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/03/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/03/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/03/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/03/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/03/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/03/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/03/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/03/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/03/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/03/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/03/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/03/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/03/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/03/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/03/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/03/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/03/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/03/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/03/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/03/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/03/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/03/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/03/19	LZ	
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/03/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/03/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/03/19	LZ	
Acetone	ND	1	50	100	ug/L		05/03/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/03/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/03/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/03/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/03/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/03/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/03/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/03/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/03/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/03/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/03/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/03/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/03/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/03/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/03/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/03/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/03/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/03/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/03/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/03/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/03/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/03/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/03/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/03/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/03/19	LZ	
Methylene chloride	**6.8**	1	0.16	5	ug/L		05/03/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/03/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/02/2019	**Site:**			
Sample #:	**414915-016**	**Client Sample #:**	Trip Blank	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Naphthalene	ND	1	0.25	5	ug/L		05/03/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/03/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/03/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/03/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/03/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/03/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/03/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/03/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/03/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/03/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/03/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/03/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/03/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/03/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/03/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/03/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/03/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/03/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*88*	*70-145*	
4-Bromofluorobenzene (SUR)	*100*	*70-145*	
Dibromofluoromethane (SUR)	*103*	*70-145*	
Toluene-d8 (SUR)	*98*	*70-145*	

QCBatchID: QC1201401 **Analyst:** sandyw **Method:** EPA 8015B

Matrix: Water **Analyzed:** 05/06/2019 **Instrument:** VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201401MB1					
TPH (C6 to C10)	ND	ug/L	16	50	
TPH (C6 to C12)	ND	ug/L	16	50	
TPH Gasoline	ND	ug/L	16	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201401LCS1											
TPH Gasoline	500		520		ug/L	104			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201401MS1, QC1201401MSD1												**Source: 414904-001**
TPH Gasoline	ND	500	500	510	520	ug/L	102	104	1.9	70-130	30	

QCBatchID: QC1201577	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 05/02/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201577MB1					
1,1,1,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,1-Trichloroethane	ND	ug/L	0.38	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,2-Trichloroethane	ND	ug/L	0.25	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	0.29	5	
1,1-Dichloroethane	ND	ug/L	0.32	5	
1,1-Dichloroethene	ND	ug/L	0.3	5	
1,1-Dichloropropene	ND	ug/L	0.25	5	
1,2,3-Trichlorobenzene	ND	ug/L	0.28	5	
1,2,3-Trichloropropane	ND	ug/L	0.16	5	
1,2,4-Trichlorobenzene	ND	ug/L	0.27	5	
1,2,4-Trimethylbenzene	ND	ug/L	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.12	5	
1,2-Dibromoethane	ND	ug/L	0.19	5	
1,2-Dichlorobenzene	ND	ug/L	0.26	5	
1,2-Dichloroethane	ND	ug/L	0.2	5	
1,2-Dichloropropane	ND	ug/L	0.36	5	
1,3,5-Trimethylbenzene	ND	ug/L	0.24	5	
1,3-Dichlorobenzene	ND	ug/L	0.34	5	
1,3-Dichloropropane	ND	ug/L	0.19	5	
1,4-Dichlorobenzene	ND	ug/L	0.43	5	
2,2-Dichloropropane	ND	ug/L	0.32	5	
2-Butanone (MEK)	ND	ug/L	0.78	100	
2-Chlorotoluene	ND	ug/L	0.33	5	
4-Chlorotoluene	ND	ug/L	0.31	5	
4-Isopropyltoluene	ND	ug/L	0.32	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	0.12	5	
Acetone	ND	ug/L	50	100	
Acrolein	ND	ug/L	3.3	200	
Acrylonitrile	ND	ug/L	1	10	
Allyl Chloride	ND	ug/L	0.19	5	
Benzene	ND	ug/L	0.18	1	
Bromobenzene	ND	ug/L	0.53	5	
Bromochloromethane	ND	ug/L	0.17	5	
Bromodichloromethane	ND	ug/L	0.31	5	
Bromoform	ND	ug/L	0.13	5	
Bromomethane	ND	ug/L	0.68	5	
Carbon Tetrachloride	ND	ug/L	0.27	5	
Chlorobenzene	ND	ug/L	0.19	5	
Chlorodibromomethane	ND	ug/L	0.21	5	
Chloroethane	ND	ug/L	0.45	5	
Chloroform	ND	ug/L	0.18	5	
Chloromethane	ND	ug/L	0.27	5	
cis-1,2-Dichloroethene	ND	ug/L	0.27	5	
cis-1,3-dichloropropene	ND	ug/L	0.25	5	
cis-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Dibromomethane	ND	ug/L	0.23	5	
Dichlorodifluoromethane	ND	ug/L	0.33	5	
Di-isopropyl ether (DIPE)	ND	ug/L	0.17	1	
Ethanol	ND	ug/L	100	500	
Ethyl Acetate	ND	ug/L	0.9	10	
Ethylbenzene	ND	ug/L	0.21	5	

QCBatchID: QC1201577 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Water **Analyzed:** 05/02/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201577MB1					
Ethyl-tertbutylether (ETBE)	ND	ug/L	0.23	1	
Hexachlorobutadiene	ND	ug/L	0.51	5	
Isopropyl acetate	ND	ug/L	10	10	
Isopropylbenzene	ND	ug/L	0.24	5	
m and p-Xylene	ND	ug/L	0.45	5	
Methylene chloride	**1.4 J**	ug/L	0.16	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.19	1	
n-Amyl Acetate	ND	ug/L	10	10	
Naphthalene	ND	ug/L	0.25	5	
N-butylbenzene	ND	ug/L	0.25	5	
N-propylbenzene	ND	ug/L	0.31	5	
o-Xylene	ND	ug/L	0.29	5	
Sec-butylbenzene	ND	ug/L	0.32	5	
Styrene	ND	ug/L	0.22	5	
t-Butyl alcohol (TBA)	ND	ug/L	5.2	10	
Tert-amylmethylether (TAME)	ND	ug/L	0.19	5	
Tert-butylbenzene	ND	ug/L	0.4	5	
Tetrachloroethene	ND	ug/L	0.8	5	
Toluene	ND	ug/L	0.24	5	
trans-1,2-dichloroethene	ND	ug/L	0.33	5	
trans-1,3-dichloropropene	ND	ug/L	0.23	5	
trans-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Trichloroethene	ND	ug/L	0.39	5	
Trichlorofluoromethane	ND	ug/L	0.25	5	
Vinyl Chloride	ND	ug/L	0.18	5	
Xylenes (Total)	ND	ug/L	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201577LCS1											
1,1-Dichloroethene	50		56		ug/L	112			59-172		
Benzene	50		54		ug/L	108			62-137		
Chlorobenzene	50		51		ug/L	102			60-133		
Methyl-t-butyl Ether (MTBE)	50		51		ug/L	102			62-137		
Toluene	50		52		ug/L	104			59-139		
Trichloroethene	50		56		ug/L	112			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201577MS1, QC1201577MSD1												**Source: 414897-001**
1,1-Dichloroethene	ND	50	50	58	55	ug/L	116	110	5.3	59-172	22	
Benzene	ND	50	50	58	55	ug/L	116	110	5.3	62-137	24	
Chlorobenzene	ND	50	50	53	51	ug/L	106	102	3.8	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	54	52	ug/L	108	104	3.8	62-137	21	
Toluene	ND	50	50	54	51	ug/L	108	102	5.7	59-139	21	
Trichloroethene	ND	50	50	59	56	ug/L	118	112	5.2	66-142	21	

QCBatchID: QC1201620	**Analyst:** Abanh		**Method:** EPA 8015B		
Matrix: Water	**Analyzed:** 05/03/2019		**Instrument:** SVOA-GC (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201620MB1					
TPH (C10 to C22)	ND	mg/L	0.04	0.1	
TPH (C22 to C36)	ND	mg/L	0.07	0.3	
TPH Diesel	ND	mg/L	0.04	0.1	
TPH Motor Oil	ND	mg/L	0.07	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201620LCS1, QC1201620LCSD1											
TPH Diesel	1	1	0.79	0.82	mg/L	79	82	4	70-130	20	

QCBatchID: QC1201647 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201647MB1					
Antimony	ND	mg/L	0.014	0.04	
Arsenic	ND	mg/L	0.008	0.01	
Barium	ND	mg/L	0.002	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Cadmium	ND	mg/L	0.001	0.005	
Chromium	ND	mg/L	0.16	0.01	
Cobalt	ND	mg/L	0.002	0.005	
Copper	**0.008 J**	mg/L	0.001	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.02	
Selenium	ND	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Thallium	ND	mg/L	0.009	0.05	
Vanadium	ND	mg/L	0.002	0.005	
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201647LCS1											
Antimony	2		1.85		mg/L	93			80-120		
Arsenic	2		1.74		mg/L	87			80-120		
Barium	2		1.93		mg/L	97			80-120		
Beryllium	2		2.04		mg/L	102			80-120		
Cadmium	2		1.78		mg/L	89			80-120		
Chromium	2		2.02		mg/L	101			80-120		
Cobalt	2		1.84		mg/L	92			80-120		
Copper	2		2.06		mg/L	103			80-120		
Lead	2		1.86		mg/L	93			80-120		
Molybdenum	2		1.74		mg/L	87			80-120		
Nickel	2		1.83		mg/L	92			80-120		
Selenium	2		1.66		mg/L	83			80-120		
Silver	2		2.00		mg/L	100			80-120		
Thallium	2		1.75		mg/L	88			80-120		
Vanadium	2		2.12		mg/L	106			80-120		
Zinc	2		1.84		mg/L	92			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201647MS1, QC1201647MSD1												**Source: 414852-073**
Antimony	ND	1	1	0.938	0.966	mg/L	94	97	2.9	75-125	20	
Arsenic	ND	1	1	0.892	0.920	mg/L	89	92	3.1	75-125	20	
Barium	ND	1	1	0.946	0.993	mg/L	95	99	4.8	75-125	20	
Beryllium	ND	1	1	0.981	1.04	mg/L	98	104	5.8	75-125	20	
Cadmium	ND	1	1	0.904	0.962	mg/L	90	96	6.2	75-125	20	
Chromium	ND	1	1	0.985	1.04	mg/L	99	104	5.4	75-125	20	
Cobalt	ND	1	1	0.911	0.958	mg/L	91	96	5.0	75-125	20	
Copper	0.011	1	1	1.02	1.07	mg/L	101	106	4.8	75-125	20	
Lead	0.006	1	1	0.952	0.987	mg/L	95	98	3.6	75-125	20	
Molybdenum	ND	1	1	0.913	0.939	mg/L	91	94	2.8	75-125	20	

QCBatchID: QC1201647 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201647MS1, QC1201647MSD1												**Source: 414852-073**
Nickel	ND	1	1	0.900	0.953	mg/L	90	95	5.7	75-125	20	
Selenium	ND	1	1	0.855	0.861	mg/L	86	86	0.7	75-125	20	
Silver	ND	1	1	0.985	1.03	mg/L	99	103	4.5	75-125	20	
Thallium	ND	1	1	0.888	0.922	mg/L	89	92	3.8	75-125	20	
Vanadium	ND	1	1	1.03	1.09	mg/L	103	109	5.7	75-125	20	
Zinc	ND	1	1	0.934	0.983	mg/L	93	98	5.1	75-125	20	

QCBatchID:	**QC1201660**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/07/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201660MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201660LCS1, QC1201660LCSD1											
TPH Gasoline	5	5	5.7	5.7	mg/Kg	114	114	0	70-130	20	

QCBatchID: QC1201666 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result		Units	MDL	RDL	Notes
QC1201666MB1						
Antimony	ND		mg/Kg	0.37	3	
Arsenic	ND		mg/Kg	0.36	1	
Barium	**0.32**	**J**	mg/Kg	0.23	1	
Beryllium	ND		mg/Kg	0.17	0.5	
Cadmium	ND		mg/Kg	0.21	0.5	
Chromium	ND		mg/Kg	0.13	1	
Cobalt	ND		mg/Kg	0.19	0.5	
Copper	**0.86**	**J**	mg/Kg	0.31	1	
Lead	ND		mg/Kg	0.32	1	
Molybdenum	ND		mg/Kg	0.13	1	
Nickel	ND		mg/Kg	0.2	1.5	
Selenium	ND		mg/Kg	0.72	3	
Silver	**0.16**	**J**	mg/Kg	0.13	0.5	
Thallium	ND		mg/Kg	0.42	3	
Vanadium	ND		mg/Kg	0.37	0.5	
Zinc	ND		mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201666LCS1											
Antimony	100		98.6		mg/Kg	99			80-120		
Arsenic	100		89.4		mg/Kg	89			80-120		
Barium	200		190		mg/Kg	95			80-120		
Beryllium	100		92.1		mg/Kg	92			80-120		
Cadmium	100		89.9		mg/Kg	90			80-120		
Chromium	100		85.9		mg/Kg	86			80-120		
Cobalt	100		91.1		mg/Kg	91			80-120		
Copper	100		94.8		mg/Kg	95			80-120		
Lead	100		94.9		mg/Kg	95			80-120		
Molybdenum	100		93.8		mg/Kg	94			80-120		
Nickel	100		96.8		mg/Kg	97			80-120		
Selenium	100		85.4		mg/Kg	85			80-120		
Silver	200		189		mg/Kg	95			80-120		
Thallium	100		88.8		mg/Kg	89			80-120		
Vanadium	100		93.4		mg/Kg	93			80-120		
Zinc	100		97.6		mg/Kg	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201666MS1, QC1201666MSD1												**Source: 414890-018**
Antimony	1.32	100	100	38.9	38.2	mg/Kg	38	37	1.8	75-125	20	M
Arsenic	22.2	100	100	111	107	mg/Kg	89	85	3.7	75-125	20	
Barium	93.0	200	200	291	292	mg/Kg	99	100	0.3	75-125	20	
Beryllium	ND	100	100	91.6	92.4	mg/Kg	92	92	0.9	75-125	20	
Cadmium	0.58	100	100	85.1	88.9	mg/Kg	85	88	4.4	75-125	20	
Chromium	16.1	100	100	102	103	mg/Kg	86	87	1.0	75-125	20	
Cobalt	7.07	100	100	91.1	93.0	mg/Kg	84	86	2.1	75-125	20	
Copper	13.6	100	100	106	108	mg/Kg	92	94	1.9	75-125	20	
Lead	14.3	100	100	98.9	99.7	mg/Kg	85	85	0.8	75-125	20	
Molybdenum	0.21	100	100	81.1	77.1	mg/Kg	81	77	5.1	75-125	20	

QCBatchID: QC1201666 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201666MS1, QC1201666MSD1												**Source: 414890-018**
Nickel	9.02	100	100	91.3	87.0	mg/Kg	82	78	4.8	75-125	20	
Selenium	ND	100	100	79.8	76.8	mg/Kg	80	77	3.8	75-125	20	
Silver	ND	200	200	193	195	mg/Kg	97	98	1.0	75-125	20	
Thallium	1.95	100	100	75.8	72.0	mg/Kg	74	70	5.1	75-125	20	M
Vanadium	26.7	100	100	127	128	mg/Kg	100	101	0.8	75-125	20	
Zinc	48.4	100	100	135	162	mg/Kg	87	114	18.2	75-125	20	

QCBatchID:	**QC1201679**	**Analyst:**	bmorris	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/06/2019	**Instrument:**	SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201679MB1					
TPH Diesel	**2.05**	mg/Kg	0.022	1	B
TPH Motor Oil	ND	mg/Kg	2.1	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201679LCS1											
TPH Diesel	25		23.5		mg/Kg	94			52-122		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201679MS1, QC1201679MSD1												**Source: 414915-003**
TPH Diesel	58.7	25	25	26.3	26.3	mg/Kg	0	0	0.0	70-130	20	M

QCBatchID: QC1201699	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Solid	**Analyzed:** 05/07/2019	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201699MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
2-Hexanone	ND	ug/Kg	0.5	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon disulfide	ND	ug/Kg	0.8	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.21	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethanol	ND	ug/Kg	100	500	
Ethylbenzene	ND	ug/Kg	0.23	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	

QCBatchID: QC1201699	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Solid	**Analyzed:** 05/07/2019	**Instrument:** VOA-MS (group)	

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201699MB1					
Hexachlorobutadiene	ND	ug/Kg	0.42	5	
Isopropylbenzene	ND	ug/Kg	0.25	5	
m and p-Xylene	ND	ug/Kg	0.38	5	
Methylene chloride	ND	ug/Kg	0.21	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.17	5	
Naphthalene	ND	ug/Kg	0.16	5	
N-butylbenzene	ND	ug/Kg	0.25	5	
N-propylbenzene	ND	ug/Kg	0.22	5	
o-Xylene	ND	ug/Kg	0.19	5	
Sec-butylbenzene	ND	ug/Kg	0.28	5	
Styrene	ND	ug/Kg	0.13	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.34	5	
Tetrachloroethene	ND	ug/Kg	0.23	5	
Toluene	ND	ug/Kg	0.17	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.19	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.18	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Trichloroethene	ND	ug/Kg	0.23	5	
Trichlorofluoromethane	ND	ug/Kg	0.23	5	
Vinyl acetate	ND	ug/Kg	10.2	50	
Vinyl acetate	ND	ug/Kg	10.2	50	
Vinyl Chloride	ND	ug/Kg	0.14	5	
Xylenes (Total)	ND	ug/Kg	0.38	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201699LCS1, QC1201699LCSD1											
1,1-Dichloroethene	50	50	49	51	ug/Kg	98	102	4	59-172	22	
Benzene	50	50	50	51	ug/Kg	100	102	2	62-137	24	
Chlorobenzene	50	50	50	51	ug/Kg	100	102	2	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	44	43	ug/Kg	88	86	2	62-137	21	
Toluene	50	50	50	52	ug/Kg	100	104	4	59-139	21	
Trichloroethene	50	50	48	51	ug/Kg	96	102	6	66-142	21	

QCBatchID:	**QC1201703**	**Analyst:**	JParedes	**Method:**	EPA 7471A
Matrix:	Solid	**Analyzed:**	05/07/2019	**Instrument:**	AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201703MB1					
Mercury	ND	mg/Kg	0.039	0.14	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201703LCS1											
Mercury	0.83		0.83		mg/Kg	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201703MS1, QC1201703MSD1												**Source: 415008-001**
Mercury	ND	0.83	0.83	0.83	0.78	mg/Kg	100	94	6.2	75-125	20	

QCBatchID: QC1201709 **Analyst:** JParedes **Method:** EPA 7470A

Matrix: Water **Analyzed:** 05/07/2019 **Instrument:** AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201709MB1					
Mercury	ND	ug/L	0.094	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201709LCS1											
Mercury	5		4.99		ug/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201709MS1, QC1201709MSD1												**Source: 414915-014**
Mercury	ND	5	5	5.11	5.12	ug/L	102	102	0.2	75-125	20	

QCBatchID: QC1201765	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Solid	**Analyzed:** 05/08/2019	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201765MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	

QCBatchID: QC1201765 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/08/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201765MB1					
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201765LCS1											
1,1-Dichloroethene	50		50		ug/Kg	100			59-172		
Benzene	50		49		ug/Kg	98			62-137		
Chlorobenzene	50		50		ug/Kg	100			60-133		
Methyl-t-butyl Ether (MTBE)	50		42		ug/Kg	84			62-137		
Toluene	50		52		ug/Kg	104			59-139		
Trichloroethene	50		52		ug/Kg	104			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201765MS1, QC1201765MSD1												**Source: 414935-001**
1,1-Dichloroethene	ND	50	50	38	43	ug/Kg	76	86	12.3	59-172	22	
Benzene	ND	50	50	40	43	ug/Kg	80	86	7.2	62-137	24	
Chlorobenzene	ND	50	50	40	43	ug/Kg	80	86	7.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	40	41	ug/Kg	80	82	2.5	62-137	21	
Toluene	ND	50	50	40	43	ug/Kg	80	86	7.2	59-139	21	
Trichloroethene	ND	50	50	40	43	ug/Kg	80	86	7.2	66-142	21	

QCBatchID:	**QC1201808**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/13/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201808MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201808LCS1, QC1201808LCSD1											
TPH Gasoline	5	5	5.8	5.7	mg/Kg	116	114	2	70-130	20	

QCBatchID:	**QC1201910**	**Analyst:**	Jarriaga	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/13/2019	**Instrument:**	SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201910MB1					
1,1-biphenyl	ND	mg/Kg	0.4	0.4	
1,1-oxybisbenzene	ND	mg/Kg	0.4	0.4	
TPH (C8 to C40)	**2.20**	mg/Kg		3	
TPH Diesel	**1.39**	mg/Kg	0.022	1	B
TPH Motor Oil	ND	mg/Kg	2.1	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201910LCS1											
1,1-biphenyl	10				mg/Kg				70-130		
1,1-oxybisbenzene	10				mg/Kg				70-130		
TPH Diesel	25		20.0		mg/Kg	80			52-122		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201910MS1, QC1201910MSD1												**Source: 415051-001**
TPH Diesel	1.99	25	25	20.4	21.1	mg/Kg	74	76	3.4	70-130	20	

QCBatchID: QC1201911	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/13/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201911MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	

QCBatchID: QC1201911 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/13/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201911MB1					
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201911LCS1											
1,1-Dichloroethene	50		40		ug/Kg	80			59-172		
Benzene	50		44		ug/Kg	88			62-137		
Chlorobenzene	50		43		ug/Kg	86			60-133		
Methyl-t-butyl Ether (MTBE)	50		35		ug/Kg	70			62-137		
Toluene	50		44		ug/Kg	88			59-139		
Trichloroethene	50		47		ug/Kg	94			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201911MS1, QC1201911MSD1												**Source: 414929-006**
1,1-Dichloroethene	ND	50	50	37	36	ug/Kg	74	72	2.7	59-172	22	
Benzene	ND	50	50	41	41	ug/Kg	82	82	0.0	62-137	24	
Chlorobenzene	ND	50	50	40	39	ug/Kg	80	78	2.5	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	37	37	ug/Kg	74	74	0.0	62-137	21	
Toluene	0.53	50	50	40	40	ug/Kg	79	79	0.0	59-139	21	
Trichloroethene	ND	50	50	46	47	ug/Kg	92	94	2.2	66-142	21	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414915

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 10.2°C = 5, 1.4°C = C (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	T22 Metals (6010B/7471A)	TPHd, o (8015B)	TPHg (8015B/5035)	VOCs (8260B/5035)	Hold	Test Instructions / Comments
1	AOC2-B2-5'	5/2/19	1106	SOIL	1-sleeve, 1-jar 5-VOAs	ICE	X	X	X	X		
2	AOC2-B2-10'		1130		↓		X	X	X	X		
3	AOC2-B1-5'		1508		1-6" sleeve 5 VOAs		X	X	X	X		
4	AOC2-B1-10'		1513								X	
5	AOC2-B1-15'		1525				X	X	X	X		
6	AOC3-B5-5'		1615				X	X	X	X		
7	AOC3-B5-10'		1620								X	
8	AOC3-B5-15'		1625				X	X	X	X		
9	AOC3-B5-20'		1630								X	
10	AOC3-B4-5'	↓	1748	↓	↓	↓	X	X	X	X		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M	5/2/19 1940
1 Received By:		GKm	CS	5/2/19 1940
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

10-2/19

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AHC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: T22 Metals (6010B/7471A); TPHd, o (8015B); TPHg (8015B/5035); VOCs (8260B/5035); hold	Test Instructions / Comments
1	ADC3-B4-10'	5/2/19	1755	SOIL	1-6" sleeve 5 VOAs	ICE	X	
2	ADC3-B4-15'		1800				XXXX	
3	ADC3-B4-20'		1810				X	
4	EB-050219A		—		1-Amber, 1-500mL & VOAs		XXXX	
5	EB-050219B		—				XXXX	
6	Trip Blank		—		2VOAs		X	
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/2/19 1940
[1] Received By:		G. Kim	ENTH	5/2/19 1940
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore

Project: Compton High School PEA

Date Received: 5/2/19

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 10.2 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.9 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/2/19

Ranjit Clarke

From: Jay Roberts
Sent: Monday, May 13, 2019 8:58 AM
To: Ranjit Clarke
Cc: Patrick J. Cullip; Kristina Hill; Audrey Carroll
Subject: RE: Compton High School PEA (05/02/19) - Enthalpy Analytical Final Report #414915

Flag Status: Flagged

Ranjit –

Please analyze AOC2 B1-10 for TPHs and VOCs on three day TAT.

Thank you,

John Jay Roberts, PG, CEG
Principal Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200
Irvine, California 92618
(949) 753-7070 (x12210)
(949) 753-7071 (Fax)
jroberts@ninyoandmoore.com

From: Ranjit Clarke [mailto:ranjit.clarke@enthalpy.com]
Sent: Friday, May 10, 2019 4:48 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Kristina Hill <khill@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>
Subject: Compton High School PEA (05/02/19) - Enthalpy Analytical Final Report #414915

Hi Patrick Cullip,

Attached is your final report #414915.

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip

Lab Request: 414945
Report Date: 07/02/2019
Date Received: 05/03/2019
Client ID: 15461

Comments: Compton High School PEA
#210886001
601 S. Acacia Ave., Compton, CA 90220

Supplemental Report 1 - Additional Lead results requested on 06/28/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
414945-001	AOC1-E-B39-0.5'	414945-025	AOC1-E-B33-0.5'	414945-049	EB-050319
414945-002	AOC1-E-B39-1.5'	414945-026	AOC1-E-B33-1.5'	414945-050	CG12-0.5'
414945-003	AOC1-E-B39-2.5'	414945-027	AOC1-E-B33-2.5'	414945-051	CG12-2.5'
414945-004	AOC1-E-B38-0.5'	414945-028	AOC1-E-B34-0.5'	414945-052	CG13-0.5'
414945-005	AOC1-E-B38-1.5'	414945-029	AOC1-E-B34-1.5'	414945-053	CG13-2.5'
414945-006	AOC1-E-B38-2.5'	414945-030	AOC1-E-B34-2.5'	414945-054	CG10-0.5'
414945-007	AOC1-E-B37-0.5'	414945-031	AOC1-E-B35-0.5'	414945-055	CG10-2.5'
414945-008	AOC1-E-B37-1.5'	414945-032	AOC1-E-B35-1.5'	414945-056	CG11-0.5'
414945-009	AOC1-E-B37-2.5'	414945-033	AOC1-E-B35-2.5'	414945-057	CG11-2.5'
414945-010	AOC1-E-B42-0.5'	414945-034	AOC1-E-B36-0.5'	414945-058	CG6-0.5'
414945-011	AOC1-E-B42-1.5'	414945-035	AOC1-E-B36-1.5'	414945-059	CG6-2.5'
414945-012	AOC1-E-B42-2.5'	414945-036	AOC1-E-B36-2.5'	414945-060	CG6-0.5'
414945-013	AOC1-E-B41-0.5'	414945-037	AOC1-E-B27-0.5'	414945-061	CG6-2.5'
414945-014	AOC1-E-B41-1.5'	414945-038	AOC1-E-B27-1.5'		
414945-015	AOC1-E-B41-2.5'	414945-039	AOC1-E-B27-2.5'		
414945-016	AOC1-E-B40-0.5'	414945-040	AOC1-E-B29-0.5'		
414945-017	AOC1-E-B40-1.5'	414945-041	AOC1-E-B29-1.5'		
414945-018	AOC1-E-B40-2.5'	414945-042	AOC1-E-B29-2.5'		
414945-019	AOC1-E-B31-0.5'	414945-043	AOC1-E-B28-0.5'		
414945-020	AOC1-E-B31-1.5'	414945-044	AOC1-E-B28-1.5'		
414945-021	AOC1-E-B31-2.5'	414945-045	AOC1-E-B28-2.5'		
414945-022	AOC1-E-B32-0.5'	414945-046	AOC1-E-B30-0.5'		
414945-023	AOC1-E-B32-1.5'	414945-047	AOC1-E-B30-1.5'		
414945-024	AOC1-E-B32-2.5'	414945-048	AOC1-E-B30-2.5'		

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 08:40 **Site:**
Sample #: 414945-001 **Client Sample #:** AOC1-E-B39-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Lead	**297**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 08:43 **Site:**
Sample #: 414945-002 **Client Sample #:** AOC1-E-B39-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**24.2**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 08:45 **Site:**
Sample #: 414945-003 **Client Sample #:** AOC1-E-B39-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 08:48 **Site:**
Sample #: 414945-004 **Client Sample #:** AOC1-E-B38-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Lead	**142**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 08:50 **Site:**
Sample #: 414945-005 **Client Sample #:** AOC1-E-B38-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**22.1**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 08:53 **Site:**
Sample #: 414945-006 **Client Sample #:** AOC1-E-B38-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 08:55 **Site:**
Sample #: 414945-007 **Client Sample #:** AOC1-E-B37-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Lead	**84.6**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 08:57 **Site:**
Sample #: 414945-008 **Client Sample #:** AOC1-E-B37-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**18.5**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 08:59 **Site:**
Sample #: **414945-009** **Client Sample #:** AOC1-E-B37-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:09 **Site:**
Sample #: **414945-010** **Client Sample #:** AOC1-E-B42-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Lead	**7.72**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:11 **Site:**
Sample #: **414945-011** **Client Sample #:** AOC1-E-B42-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:15 **Site:**
Sample #: **414945-012** **Client Sample #:** AOC1-E-B42-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:20 **Site:**
Sample #: **414945-013** **Client Sample #:** AOC1-E-B41-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Lead	**11.7**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:23 **Site:**
Sample #: **414945-014** **Client Sample #:** AOC1-E-B41-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:25 **Site:**
Sample #: **414945-015** **Client Sample #:** AOC1-E-B41-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:27 **Site:**
Sample #: **414945-016** **Client Sample #:** AOC1-E-B40-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201666		
Lead	**18.6**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:29 **Site:**
Sample #: 414945-017 **Client Sample #:** AOC1-E-B40-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:30 **Site:**
Sample #: 414945-018 **Client Sample #:** AOC1-E-B40-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:41 **Site:**
Sample #: 414945-019 **Client Sample #:** AOC1-E-B31-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201666
Lead	**159**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:43 **Site:**
Sample #: 414945-020 **Client Sample #:** AOC1-E-B31-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1203757
Lead	**24.1**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:47 **Site:**
Sample #: 414945-021 **Client Sample #:** AOC1-E-B31-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:55 **Site:**
Sample #: 414945-022 **Client Sample #:** AOC1-E-B32-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1201666
Lead	**151**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:57 **Site:**
Sample #: 414945-023 **Client Sample #:** AOC1-E-B32-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1203757
Lead	**7.60**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 09:58 **Site:**
Sample #: 414945-024 **Client Sample #:** AOC1-E-B32-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:00 **Site:**
Sample #: 414945-025 **Client Sample #:** AOC1-E-B33-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201667		
Lead	**156**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:05 **Site:**
Sample #: 414945-026 **Client Sample #:** AOC1-E-B33-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203758		
Lead	**46.9**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:07 **Site:**
Sample #: 414945-027 **Client Sample #:** AOC1-E-B33-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:12 **Site:**
Sample #: 414945-028 **Client Sample #:** AOC1-E-B34-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201667		
Lead	**164**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:15 **Site:**
Sample #: 414945-029 **Client Sample #:** AOC1-E-B34-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**15.1**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:17 **Site:**
Sample #: 414945-030 **Client Sample #:** AOC1-E-B34-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:25 **Site:**
Sample #: 414945-031 **Client Sample #:** AOC1-E-B35-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201667		
Lead	**19.6**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:28 **Site:**
Sample #: 414945-032 **Client Sample #:** AOC1-E-B35-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:31 **Site:**
Sample #: **414945-033** **Client Sample #:** AOC1-E-B35-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:40 **Site:**
Sample #: **414945-034** **Client Sample #:** AOC1-E-B36-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201667		
Lead	**187**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:42 **Site:**
Sample #: **414945-035** **Client Sample #:** AOC1-E-B36-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**33.3**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:45 **Site:**
Sample #: **414945-036** **Client Sample #:** AOC1-E-B36-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:55 **Site:**
Sample #: **414945-037** **Client Sample #:** AOC1-E-B27-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201667		
Lead	**5.61**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 10:58 **Site:**
Sample #: **414945-038** **Client Sample #:** AOC1-E-B27-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:00 **Site:**
Sample #: **414945-039** **Client Sample #:** AOC1-E-B27-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:05 **Site:**
Sample #: **414945-040** **Client Sample #:** AOC1-E-B29-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201667		
Lead	**42.4**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:08 **Site:**
Sample #: **414945-041** **Client Sample #:** AOC1-E-B29-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:10 **Site:**
Sample #: **414945-042** **Client Sample #:** AOC1-E-B29-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:15 **Site:**
Sample #: **414945-043** **Client Sample #:** AOC1-E-B28-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201667		
Lead	**6.00**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:19 **Site:**
Sample #: **414945-044** **Client Sample #:** AOC1-E-B28-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:21 **Site:**
Sample #: **414945-045** **Client Sample #:** AOC1-E-B28-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:27 **Site:**
Sample #: **414945-046** **Client Sample #:** AOC1-E-B30-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201667		
Lead	**74.4**	1	0.32	1	mg/Kg	05/06/19	05/07/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:30 **Site:**
Sample #: **414945-047** **Client Sample #:** AOC1-E-B30-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 11:32 **Site:**
Sample #: **414945-048** **Client Sample #:** AOC1-E-B30-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/03/2019	**Site:**			
Sample #:	**414945-049**	**Client Sample #:**	EB-050319	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3010A							QCBatchID: QC1201647		
Lead	ND	1	0.005	0.01	mg/L	05/06/19	05/07/19	KLN	
Method: EPA 8081A *NELAC* Prep Method: EPA 3510C							QCBatchID: QC1201664		
4,4'-DDD	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
4,4'-DDE	ND	1	0.006	0.1	ug/L	05/06/19	05/08/19	MTS	
4,4'-DDT	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
a-BHC	ND	1	0.002	0.1	ug/L	05/06/19	05/08/19	MTS	
Aldrin	ND	1	0.007	0.1	ug/L	05/06/19	05/08/19	MTS	
b-BHC	ND	1	0.003	0.1	ug/L	05/06/19	05/08/19	MTS	
Chlordane (technical)	ND	1	0.27	1	ug/L	05/06/19	05/08/19	MTS	
d-BHC	ND	1	0.006	0.1	ug/L	05/06/19	05/08/19	MTS	
Dieldrin	ND	1	0.006	0.1	ug/L	05/06/19	05/08/19	MTS	
Endosulfan I	ND	1	0.004	0.1	ug/L	05/06/19	05/08/19	MTS	
Endosulfan II	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
Endosulfan sulfate	ND	1	0.012	0.1	ug/L	05/06/19	05/08/19	MTS	
Endrin	ND	1	0.008	0.1	ug/L	05/06/19	05/08/19	MTS	
Endrin aldehyde	ND	1	0.009	0.1	ug/L	05/06/19	05/08/19	MTS	
Endrin Ketone	ND	1	0.011	0.1	ug/L	05/06/19	05/08/19	MTS	
Heptachlor	ND	1	0.003	0.1	ug/L	05/06/19	05/08/19	MTS	
Heptachlor epoxide	ND	1	0.002	0.1	ug/L	05/06/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	1	0.002	0.1	ug/L	05/06/19	05/08/19	MTS	
Methoxychlor	ND	1	0.055	0.1	ug/L	05/06/19	05/08/19	MTS	
Toxaphene	ND	1	0.48	2	ug/L	05/06/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*62*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*57*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-050** **Client Sample #:** CG12-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDE	**13**	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDT	**22**	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	
Chlordane (technical)	ND	2	70	100	ug/Kg	05/07/19	05/08/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/07/19	05/08/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/07/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*75*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*59*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-051** **Client Sample #:** CG12-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/07/19	05/08/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/07/19	05/08/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/07/19	05/08/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/07/19	05/08/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/07/19	05/08/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/07/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/07/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*54*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*52*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-052** **Client Sample #:** CG13-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDE	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDT	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
a-BHC	ND	2	3.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Aldrin	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	D2
b-BHC	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Chlordane (technical)	ND	2	70	100	ug/Kg	05/07/19	05/08/19	MTS	D2
d-BHC	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Dieldrin	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan I	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan II	ND	2	5.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin	ND	2	5.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor	ND	2	2.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Methoxychlor	ND	2	18.4	20	ug/Kg	05/07/19	05/08/19	MTS	D2
Toxaphene	ND	2	108	200	ug/Kg	05/07/19	05/08/19	MTS	D2

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*67*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*61*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-053** **Client Sample #:** CG13-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	5	10.5	25	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDE	ND	5	10	25	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDT	ND	5	10	25	ug/Kg	05/07/19	05/08/19	MTS	D2
a-BHC	ND	5	8	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Aldrin	ND	5	7.5	25	ug/Kg	05/07/19	05/08/19	MTS	D2
b-BHC	ND	5	7.5	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Chlordane (technical)	ND	5	175	250	ug/Kg	05/07/19	05/08/19	MTS	D2
d-BHC	ND	5	6	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Dieldrin	ND	5	10.5	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan I	ND	5	6	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan II	ND	5	14	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan sulfate	ND	5	17	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin	ND	5	13.5	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin aldehyde	ND	5	10.5	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin Ketone	ND	5	20.5	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor	ND	5	6.5	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor epoxide	ND	5	11.5	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Lindane (Gamma-BHC)	ND	5	10	25	ug/Kg	05/07/19	05/08/19	MTS	D2
Methoxychlor	ND	5	46	50	ug/Kg	05/07/19	05/08/19	MTS	D2
Toxaphene	ND	5	270	500	ug/Kg	05/07/19	05/08/19	MTS	D2

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*66*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*67*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-054** **Client Sample #:** CG10-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDE	**5.1 J**	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	J
4,4'-DDT	**12**	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	
Chlordane (technical)	ND	2	70	100	ug/Kg	05/07/19	05/08/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/07/19	05/08/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/07/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*64*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*62*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-055** **Client Sample #:** CG10-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/07/19	05/08/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/07/19	05/08/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/07/19	05/08/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/07/19	05/08/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/07/19	05/08/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/07/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/07/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*63*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*62*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-056** **Client Sample #:** CG11-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDE	**4.8 J**	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	J
4,4'-DDT	**6.5 J**	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	J
a-BHC	ND	2	3.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	
Chlordane (technical)	ND	2	70	100	ug/Kg	05/07/19	05/08/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/07/19	05/08/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/07/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*94*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*60*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-057** **Client Sample #:** CG11-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/07/19	05/08/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/07/19	05/08/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/07/19	05/08/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/07/19	05/08/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/07/19	05/08/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/07/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/07/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*71*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*64*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: 414945-058 **Client Sample #:** CG6-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDE	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDT	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
a-BHC	ND	2	3.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Aldrin	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	D2
b-BHC	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Chlordane (technical)	ND	2	70	100	ug/Kg	05/07/19	05/08/19	MTS	D2
d-BHC	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Dieldrin	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan I	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan II	ND	2	5.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin	ND	2	5.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor	ND	2	2.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Methoxychlor	ND	2	18.4	20	ug/Kg	05/07/19	05/08/19	MTS	D2
Toxaphene	ND	2	108	200	ug/Kg	05/07/19	05/08/19	MTS	D2

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*60*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*65*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: 414945-059 **Client Sample #:** CG6-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/07/19	05/08/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/07/19	05/08/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/07/19	05/08/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/07/19	05/08/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/07/19	05/08/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/07/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/07/19	05/08/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/07/19	05/08/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*52*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*56*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-060** **Client Sample #:** CG6-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
4,4'-DDE	**4.2 J**	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	J
4,4'-DDT	**9.3 J**	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	J
a-BHC	ND	2	3.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	
Chlordane (technical)	ND	2	70	100	ug/Kg	05/07/19	05/08/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/07/19	05/08/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/07/19	05/08/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/07/19	05/08/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*65*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*62*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/03/2019 **Site:**
Sample #: **414945-061** **Client Sample #:** CG6-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201713		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDE	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
4,4'-DDT	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
a-BHC	ND	2	3.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Aldrin	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	D2
b-BHC	ND	2	3	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Chlordane (technical)	ND	2	70	100	ug/Kg	05/07/19	05/08/19	MTS	D2
d-BHC	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Dieldrin	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan I	ND	2	2.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan II	ND	2	5.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin	ND	2	5.4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor	ND	2	2.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/07/19	05/08/19	MTS	D2
Methoxychlor	ND	2	18.4	20	ug/Kg	05/07/19	05/08/19	MTS	D2
Toxaphene	ND	2	108	200	ug/Kg	05/07/19	05/08/19	MTS	D2

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*73*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*65*	*50-150*	

QCBatchID: QC1201647 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201647MB1					
Antimony	ND	mg/L	0.014	0.04	
Arsenic	ND	mg/L	0.008	0.01	
Barium	ND	mg/L	0.002	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Cadmium	ND	mg/L	0.001	0.005	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.002	0.005	
Copper	**0.008 J**	mg/L	0.001	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.02	
Selenium	ND	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Thallium	ND	mg/L	0.009	0.05	
Vanadium	ND	mg/L	0.002	0.005	
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201647LCS1											
Antimony	2		1.85		mg/L	93			80-120		
Arsenic	2		1.74		mg/L	87			80-120		
Barium	2		1.93		mg/L	97			80-120		
Beryllium	2		2.04		mg/L	102			80-120		
Cadmium	2		1.78		mg/L	89			80-120		
Chromium	2		2.02		mg/L	101			80-120		
Cobalt	2		1.84		mg/L	92			80-120		
Copper	2		2.06		mg/L	103			80-120		
Lead	2		1.86		mg/L	93			80-120		
Molybdenum	2		1.74		mg/L	87			80-120		
Nickel	2		1.83		mg/L	92			80-120		
Selenium	2		1.66		mg/L	83			80-120		
Silver	2		2.00		mg/L	100			80-120		
Thallium	2		1.75		mg/L	88			80-120		
Vanadium	2		2.12		mg/L	106			80-120		
Zinc	2		1.84		mg/L	92			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201647MS1, QC1201647MSD1												**Source: 414852-073**
Antimony	ND	1	1	0.938	0.966	mg/L	94	97	2.9	75-125	20	
Arsenic	ND	1	1	0.892	0.920	mg/L	89	92	3.1	75-125	20	
Barium	ND	1	1	0.946	0.993	mg/L	95	99	4.8	75-125	20	
Beryllium	ND	1	1	0.981	1.04	mg/L	98	104	5.8	75-125	20	
Cadmium	ND	1	1	0.904	0.962	mg/L	90	96	6.2	75-125	20	
Chromium	ND	1	1	0.985	1.04	mg/L	99	104	5.4	75-125	20	
Cobalt	ND	1	1	0.911	0.958	mg/L	91	96	5.0	75-125	20	
Copper	0.011	1	1	1.02	1.07	mg/L	101	106	4.8	75-125	20	
Lead	0.006	1	1	0.952	0.987	mg/L	95	98	3.6	75-125	20	
Molybdenum	ND	1	1	0.913	0.939	mg/L	91	94	2.8	75-125	20	

QCBatchID: QC1201647 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201647MS1, QC1201647MSD1												**Source: 414852-073**
Nickel	ND	1	1	0.900	0.953	mg/L	90	95	5.7	75-125	20	
Selenium	ND	1	1	0.855	0.861	mg/L	86	86	0.7	75-125	20	
Silver	ND	1	1	0.985	1.03	mg/L	99	103	4.5	75-125	20	
Thallium	ND	1	1	0.888	0.922	mg/L	89	92	3.8	75-125	20	
Vanadium	ND	1	1	1.03	1.09	mg/L	103	109	5.7	75-125	20	
Zinc	ND	1	1	0.934	0.983	mg/L	93	98	5.1	75-125	20	

QCBatchID: QC1201664 **Analyst:** Abanh **Method:** EPA 8081A

Matrix: Water **Analyzed:** 05/06/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201664MB1					
4,4'-DDD	ND	ug/L	0.011	0.1	
4,4'-DDE	ND	ug/L	0.006	0.1	
4,4'-DDT	ND	ug/L	0.011	0.1	
a-BHC	ND	ug/L	0.002	0.1	
Aldrin	ND	ug/L	0.007	0.1	
b-BHC	ND	ug/L	0.003	0.1	
Chlordane (technical)	ND	ug/L	0.27	1	
d-BHC	ND	ug/L	0.006	0.1	
Dieldrin	ND	ug/L	0.006	0.1	
Endosulfan I	ND	ug/L	0.004	0.1	
Endosulfan II	ND	ug/L	0.011	0.1	
Endosulfan sulfate	ND	ug/L	0.012	0.1	
Endrin	ND	ug/L	0.008	0.1	
Endrin aldehyde	ND	ug/L	0.009	0.1	
Endrin Ketone	ND	ug/L	0.011	0.1	
Heptachlor	ND	ug/L	0.003	0.1	
Heptachlor epoxide	ND	ug/L	0.002	0.1	
Lindane (Gamma-BHC)	ND	ug/L	0.002	0.1	
Methoxychlor	ND	ug/L	0.055	0.1	
Toxaphene	ND	ug/L	0.48	2	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201664LCS1, QC1201664LCSD1											
4,4'-DDD	0.5	0.5	0.41	0.46	ug/L	82	92	11	42-142	20	
4,4'-DDE	0.5	0.5	0.34	0.35	ug/L	68	70	3	48-133	20	
4,4'-DDT	0.5	0.5	0.31	0.31	ug/L	62	62	0	40-143	20	
a-BHC	0.5	0.5	0.32	0.33	ug/L	64	66	3	55-122	20	
Aldrin	0.5	0.5	0.31	0.30	ug/L	62	60	3	46-117	20	
b-BHC	0.5	0.5	0.35	0.37	ug/L	70	74	6	46-136	20	
d-BHC	0.5	0.5	0.34	0.35	ug/L	68	70	3	53-124	20	
Dieldrin	0.5	0.5	0.35	0.36	ug/L	70	72	3	49-129	20	
Endosulfan I	0.5	0.5	0.35	0.35	ug/L	70	70	0	54-122	20	
Endosulfan II	0.5	0.5	0.32	0.35	ug/L	64	70	9	46-132	20	
Endosulfan sulfate	0.5	0.5	0.36	0.37	ug/L	72	74	3	52-129	20	
Endrin	0.5	0.5	0.39	0.39	ug/L	78	78	0	57-145	20	
Endrin aldehyde	0.5	0.5	0.32	0.36	ug/L	64	72	12	48-116	20	
Endrin Ketone	0.5	0.5	0.34	0.34	ug/L	68	68	0	44-137	20	
Heptachlor	0.5	0.5	0.27	0.28	ug/L	54	56	4	51-128	20	
Heptachlor epoxide	0.5	0.5	0.29	0.29	ug/L	58	58	0	51-122	20	
Lindane (Gamma-BHC)	0.5	0.5	0.31	0.32	ug/L	62	64	3	54-128	20	
Methoxychlor	0.5	0.5	0.35	0.36	ug/L	70	72	3	52-158	20	

QCBatchID: QC1201666 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result		Units	MDL	RDL	Notes
QC1201666MB1						
Antimony	ND		mg/Kg	0.37	3	
Arsenic	ND		mg/Kg	0.36	1	
Barium	**0.32**	**J**	mg/Kg	0.23	1	
Beryllium	ND		mg/Kg	0.17	0.5	
Cadmium	ND		mg/Kg	0.21	0.5	
Chromium	ND		mg/Kg	0.13	1	
Cobalt	ND		mg/Kg	0.19	0.5	
Copper	**0.86**	**J**	mg/Kg	0.31	1	
Lead	ND		mg/Kg	0.32	1	
Molybdenum	ND		mg/Kg	0.13	1	
Nickel	ND		mg/Kg	0.2	1.5	
Selenium	ND		mg/Kg	0.72	3	
Silver	**0.16**	**J**	mg/Kg	0.13	0.5	
Thallium	ND		mg/Kg	0.42	3	
Vanadium	ND		mg/Kg	0.37	0.5	
Zinc	ND		mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201666LCS1											
Antimony	100		98.6		mg/Kg	99			80-120		
Arsenic	100		89.4		mg/Kg	89			80-120		
Barium	200		190		mg/Kg	95			80-120		
Beryllium	100		92.1		mg/Kg	92			80-120		
Cadmium	100		89.9		mg/Kg	90			80-120		
Chromium	100		85.9		mg/Kg	86			80-120		
Cobalt	100		91.1		mg/Kg	91			80-120		
Copper	100		94.8		mg/Kg	95			80-120		
Lead	100		94.9		mg/Kg	95			80-120		
Molybdenum	100		93.8		mg/Kg	94			80-120		
Nickel	100		96.8		mg/Kg	97			80-120		
Selenium	100		85.4		mg/Kg	85			80-120		
Silver	200		189		mg/Kg	95			80-120		
Thallium	100		88.8		mg/Kg	89			80-120		
Vanadium	100		93.4		mg/Kg	93			80-120		
Zinc	100		97.6		mg/Kg	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201666MS1, QC1201666MSD1												**Source: 414890-018**
Antimony	1.32	100	100	38.9	38.2	mg/Kg	38	37	1.8	75-125	20	M
Arsenic	22.2	100	100	111	107	mg/Kg	89	85	3.7	75-125	20	
Barium	93.0	200	200	291	292	mg/Kg	99	100	0.3	75-125	20	
Beryllium	ND	100	100	91.6	92.4	mg/Kg	92	92	0.9	75-125	20	
Cadmium	0.58	100	100	85.1	88.9	mg/Kg	85	88	4.4	75-125	20	
Chromium	16.1	100	100	102	103	mg/Kg	86	87	1.0	75-125	20	
Cobalt	7.07	100	100	91.1	93.0	mg/Kg	84	86	2.1	75-125	20	
Copper	13.6	100	100	106	108	mg/Kg	92	94	1.9	75-125	20	
Lead	14.3	100	100	98.9	99.7	mg/Kg	85	85	0.8	75-125	20	
Molybdenum	0.21	100	100	81.1	77.1	mg/Kg	81	77	5.1	75-125	20	

QCBatchID: QC1201666 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201666MS1, QC1201666MSD1												**Source: 414890-018**
Nickel	9.02	100	100	91.3	87.0	mg/Kg	82	78	4.8	75-125	20	
Selenium	ND	100	100	79.8	76.8	mg/Kg	80	77	3.8	75-125	20	
Silver	ND	200	200	193	195	mg/Kg	97	98	1.0	75-125	20	
Thallium	1.95	100	100	75.8	72.0	mg/Kg	74	70	5.1	75-125	20	M
Vanadium	26.7	100	100	127	128	mg/Kg	100	101	0.8	75-125	20	
Zinc	48.4	100	100	135	162	mg/Kg	87	114	18.2	75-125	20	

QCBatchID: QC1201667 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/06/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201667MB1					
Lead	ND	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201667LCS1											
Lead	100		93.2		mg/Kg	93			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201667MS1, QC1201667MSD1												**Source: 414945-025**
Lead	156	100	100	276	256	mg/Kg	120	100	7.5	75-125	20	

QCBatchID: QC1201713 **Analyst:** bmorris **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/07/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201713MB1					
4,4'-DDD	ND	ug/Kg	2.1	5	
4,4'-DDE	ND	ug/Kg	2	5	
4,4'-DDT	ND	ug/Kg	2	5	
a-BHC	ND	ug/Kg	1.6	5	
Aldrin	ND	ug/Kg	1.5	5	
b-BHC	ND	ug/Kg	1.5	5	
Chlordane (technical)	ND	ug/Kg	35	50	
d-BHC	ND	ug/Kg	1.2	5	
Dieldrin	ND	ug/Kg	2.1	5	
Endosulfan I	ND	ug/Kg	1.2	5	
Endosulfan II	ND	ug/Kg	2.8	5	
Endosulfan sulfate	ND	ug/Kg	3.4	5	
Endrin	ND	ug/Kg	2.7	5	
Endrin aldehyde	ND	ug/Kg	2.1	5	
Endrin Ketone	ND	ug/Kg	4.1	5	
Heptachlor	ND	ug/Kg	1.3	5	
Heptachlor epoxide	ND	ug/Kg	2.3	5	
Lindane (Gamma-BHC)	ND	ug/Kg	2	5	
Methoxychlor	ND	ug/Kg	9.2	10	
Toxaphene	ND	ug/Kg	54	100	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201713LCS1											
4,4'-DDD	50		39		ug/Kg	78			43-172		
4,4'-DDE	50		37		ug/Kg	74			44-163		
4,4'-DDT	50		42		ug/Kg	84			40-158		
a-BHC	50		32		ug/Kg	64			45-150		
Aldrin	50		31		ug/Kg	62			46-142		
b-BHC	50		35		ug/Kg	70			42-156		
d-BHC	50		32		ug/Kg	64			37-161		
Dieldrin	50		37		ug/Kg	74			47-151		
Endosulfan I	50		34		ug/Kg	68			47-141		
Endosulfan II	50		36		ug/Kg	72			44-156		
Endosulfan sulfate	50		40		ug/Kg	80			43-157		
Endrin	50		41		ug/Kg	82			47-160		
Endrin aldehyde	50		34		ug/Kg	68			32-127		
Endrin Ketone	50		41		ug/Kg	82			48-159		
Heptachlor	50		29		ug/Kg	58			50-144		
Heptachlor epoxide	50		29		ug/Kg	58			48-145		
Lindane (Gamma-BHC)	50		32		ug/Kg	64			47-151		
Methoxychlor	50		48		ug/Kg	96			36-182		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201713MS1, QC1201713MSD1												**Source: 414973-001**
4,4'-DDD	ND	50	50	36	38	ug/Kg	72	76	5.4	43-172	20	
4,4'-DDE	ND	50	50	34	38	ug/Kg	68	76	11.1	44-163	20	
4,4'-DDT	ND	50	50	46	48	ug/Kg	92	96	4.3	40-158	20	

QCBatchID: QC1203757 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/01/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1203757MB1					
Lead	ND	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203757LCS1											
Lead	100		94.1		mg/Kg	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203757MS1, QC1203757MSD1												**Source: 414852-028**
Lead	26.2	100	100	99.0	110	mg/Kg	73	84	10.5	75-125	20	M

QCBatchID: QC1203758 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/01/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1203758MB1					
Antimony	ND	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Lead	ND	mg/Kg	0.32	1	
Molybdenum	ND	mg/Kg	0.13	1	
Nickel	ND	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	ND	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	**0.41 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203758LCS1											
Antimony	100		102		mg/Kg	102			80-120		
Arsenic	100		91.1		mg/Kg	91			80-120		
Barium	100		93.7		mg/Kg	94			80-120		
Beryllium	100		99.7		mg/Kg	100			80-120		
Cadmium	100		89.0		mg/Kg	89			80-120		
Chromium	100		95.9		mg/Kg	96			80-120		
Cobalt	100		93.5		mg/Kg	94			80-120		
Copper	100		86.0		mg/Kg	86			80-120		
Lead	100		93.0		mg/Kg	93			80-120		
Molybdenum	100		102		mg/Kg	102			80-120		
Nickel	100		96.2		mg/Kg	96			80-120		
Selenium	100		83.9		mg/Kg	84			80-120		
Silver	100		99.2		mg/Kg	99			80-120		
Thallium	100		90.6		mg/Kg	91			80-120		
Vanadium	100		98.9		mg/Kg	99			80-120		
Zinc	100		108		mg/Kg	108			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203758MS1, QC1203758MSD1												**Source: 415126-047**
Antimony		100	100			mg/Kg				75-125	20	
Arsenic		100	100			mg/Kg				75-125	20	
Barium		100	100			mg/Kg				75-125	20	
Beryllium		100	100			mg/Kg				75-125	20	
Cadmium		100	100			mg/Kg				75-125	20	
Chromium		100	100			mg/Kg				75-125	20	
Cobalt		100	100			mg/Kg				75-125	20	
Copper		100	100			mg/Kg				75-125	20	
Lead	15.2	100	100	104	92.5	mg/Kg	89	77	11.7	75-125	20	
Molybdenum		100	100			mg/Kg				75-125	20	

QCBatchID: QC1203758 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/01/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203758MS1, QC1203758MSD1												**Source: 415126-047**
Nickel		100	100			mg/Kg				75-125	20	
Selenium		100	100			mg/Kg				75-125	20	
Silver		50	50			mg/Kg				75-125	20	
Thallium		100	100			mg/Kg				75-125	20	
Vanadium		100	100			mg/Kg				75-125	20	
Zinc		100	100			mg/Kg				75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 414945

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

Test Instructions / Comments

X = discrete Analysis
C = composite sample
Composit Groups
CG12-0.5'
- AOCI-E-B37-0.5
- AOCI-E-B38-0.5
- AOCI-E-B39-0.5
CG12-2.5'
- AOCI-E-B37-2.5'
- AOCI-E-B38-2.5'
- AOCI-E-B39-2.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	OCPs (8081A)	Hold
1	AOCI-E-B39-0.5'	5-3-19	840	SOIL	9-8oz jar	ICE	X	C	
2	AOCI-E-B39-1.5'		843						X
3	AOCI-E-B39-2.5'		845					C	
4	AOCI-E-B38-0.5'		848				X	C	
5	AOCI-E-B38-1.5'		850						X
6	AOCI-E-B38-2.5'		853					C	
7	AOCI-E-B37-0.5'		855				X	C	
8	AOCI-E-B37-1.5'		857						X
9	AOCI-E-B37-2.5'		859					C	
10	AOCI-E-B42-0.5'	↓	909	↓	↓	↓	X	C	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	NOM Geologist	5/3/19 1327
1 Received By:		G. Kim		5/3/19 1327
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AMC & KMH

Test Instructions / Comments

Composite Groups

CG13-0.5'
- AOCI-E-B40-0.5'
- AOCI-E-B41-0.5'
- AOCI-E-B42-0.5

CG13-2.5
- AOCI-E-B40-2.5'
- AOCI-E-B41-2.5'
- AOCI-E-B42-2.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	OCPs (8081A)	Hold
11	AOCI-E-B42-1.5'	5-3-19	911	SOIL	1-8oz jar	ICE			X
12	AOCI-E-B42-2.5'		915					X	
13	AOCI-E-B41-0.5'		920				X	X	
14	AOCI-E-B41-1.5'		923						X
15	AOCI-E-B41-2.5'		925					X	
16	AOCI-E-B40-0.5'		927				X	X	
17	AOCI-E-B40-1.5'		929						X
18	AOCI-E-B40-2.5'		930					X	
19	AOCI-E-B31-0.5'		941				X	X	
20	AOCI-E-B31-1.5'		943						X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/3/19 1327
1 Received By:			ENA	5/3/19 1521
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010 B)	OCPs (8081A)	HOLD	Test Instructions / Comments
21	AOCI-E-B31-2.5'	5-3-19	947	SOIL	1-8ozjar	ICE		X		Composite groups
22	AOCI-E-B32-0.5'	5-3-19	955				X	X		CG10-0.5'
23	AOCI-E-B32-1.5'		957						X	-AOCI-E-B31-0.5'
24	AOCI-E-B32-2.5'		958					X		-AOCI-E-B32-0.5'
25	AOCI-E-B33-0.5'		1000				X	X		-AOCI-E-B33-0.5'
26	AOCI-E-B33-1.5'		1005						X	CG10-2.5'
27	AOCI-E-B33-2.5'		1007					X		-AOCI-E-B31-2.5'
28	AOCI-E-B34-0.5'		1012				X	X		-AOCI-E-B32-2.5'
29	AOCI-E-B34-1.5'		1015						X	-AOCI-E-B33-2.5'
30	AOCI-E-B34-2.5'		1017					X		CG11-0.5'
										-AOCI-E-B34-0.5'
										-AOCI-E-B35-0.5'
										-AOCI-E-B36-0.5'

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Kristina Hill	N&M Geologist	5/3/19 1327
1 Received By:	[signature]	[signature]	KMH	5/3/19 1327
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Turn Around Time (rush by advanced notice only)

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	OCPs (8081A)	HOLD	Test Instructions / Comments
31	AOCI-E-B35-0.5'	5-3-19	1025	SOIL	1-8oz jar	ICE	X	X		Composite Groups CG11-2.5' -AOCI-E-B34-2.5' -AOCI-E-B35-2.5' -AOCI-E-B36-2.5' CG6-0.5' -AOCI-E-B27-0.5' -AOCI-E-B28-0.5' CG6-2.5' -AOCI-E-B27-2.5' -AOCI-E-B28-2.5'
32	AOCI-E-B35-1.5'		1028						X	
33	AOCI-E-B35-2.5'		1031					X		
34	AOCI-E-B36-0.5'		1040				X	X		
35	AOCI-E-B36-1.5'		1042						X	
36	AOCI-E-B36-2.5'		1045					X		
37	AOCI-E-B27-0.5'		1055				X	X		
38	AOCI-E-B27-1.5'		1058						X	
39	AOCI-E-B27-2.5'		1100					X		
40	AOCI-E-B29-0.5'		1105				X	X		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Krishna Hill	NMM Geologist	5/3/19 1327
1 Received By:				5/3/19 1327
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 5 of 5

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Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments
1	AOCI-E-B29-1.5'	5-3-19	1108	SOIL	1-8oz jar	ICE			X	Composite Groups
2	AOCI-E-B29-2.5'		1110					X		CG7-0.5'
3	AOCI-E-B28-0.5'		1115				X	X		-AOCI-E-B29-0.5'
4	AOCI-E-B28-1.5'		1119						X	-AOCI-E-B30-0.5'
5	AOCI-E-B28-2.5'		1121					X		CG7-2.5'
6	AOCI-E-B30-0.5'		1127				X	X		~~AOCI-E-B29-2.5'~~
7	AOCI-E-B30-1.5'		1130						X	-AOCI-E-B29-2.5'
8	AOCI-E-B30-2.5'		1132					X		-AOCI-E-B30-2.5'
9	EB-050319		—	H_2O			X	X		
10										

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/3/19 1327
1 Received By:			CA	5/3/19 1327
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton High School

Date Received: 5/3/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.9 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 5.8 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/3/19

Enthalpy Analytical, a subsidiary of Montrose Environmental Group, Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 538-1209
www.enthalpy.com/socal

Ranjit Clarke

From: Patrick J. Cullip
Sent: Friday, June 28, 2019 4:45 PM
To: Ranjit Clarke
Cc: Audrey Carroll; Jay Roberts
Subject: RE: Compton HS - Additional Lead Analyses

Ranjit,

Please analyze the following soil samples previously placed on hold for the Compton HS project for lead by 6010B with a 2 day TAT:

AOC1-E-B1-1.5
AOC1-E-B2-1.5
AOC1-E-B3-1.5
AOC1-E-B4-1.5
AOC1-E-B6-1.5
AOC1-E-B7-1.5
AOC1-E-B8-1.5
AOC1-E-B9-1.5
AOC1-E-B10-1.5
AOC1-E-B11-1.5
AOC1-E-B12-1.5
AOC1-E-B19-1.5
AOC1-E-B20-1.5
AOC1-E-B31-1.5
AOC1-E-B32-1.5
AOC1-E-B33-1.5
AOC1-E-B34-1.5
AOC1-E-B36-1.5
AOC1-E-B37-1.5
AOC1-E-B38-1.5
AOC1-E-B39-1.5

AOC1-W-B1-1.5
AOC1-W-B2-1.5
AOC1-W-B7-1.5
AOC1-W-B13-1.5
AOC1-W-B22-1.5
AOC1-W-B23-1.5
AOC1-W-B26-1.5
AOC1-W-B27-1.5
AOC1-W-B40-1.5
AOC1-W-B48-1.5

AOC4-B18-S1-10

AOC5-B1-1.5
AOC5-B5-1.5

AOC5-B8-1.5
AOC5-B10-1.5
AOC5-B11-1.5
AOC5-B12-1.5
AOC5-B13-1.5
AOC5-B14-1.5
AOC5-B15-1.5
AOC5-B17-1.5
AOC5-B21-1.5
AOC5-B23-1.5
AOC5-B25-1.5

Thanks,
Patrick

From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Wednesday, June 5, 2019 5:01 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Subject: Re: Compton HS - Additional Lead Analyses

Thanks for the notice.

On Wed, Jun 5, 2019 at 4:36 PM Patrick J. Cullip <pcullip@ninyoandmoore.com> wrote:

> Ranjit,
>
> Since we head several 0.5-foot soil samples collected for Compton HS that had elevated lead, we will be requesting that the deeper samples (1.5 and 2.5-foot) soil samples from the same borings will be analyzed for lead as well. I am working on an amendment to send to the client, which will need to be authorized before we can proceed. I just wanted to give you a heads up that some of the samples we placed on hold will soon be analyzed. Once we get authorization, we'll send a complete list of the samples to be analyzed.
>
> Thanks,
>
> **Patrick Cullip**
> Project Engineer
> **Ninyo & Moore**
>
> Geotechnical & Environmental Sciences Consultants
>
> 475 Goddard, Suite 200 | Irvine, CA 92618
>
> (949) 753-7070 (**x12286**) | (949) 307-4114 (Cell)
>
> **www.ninyoandmoore.com**

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931 W. Barkley Ave - Orange, CA 92868
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www.enthalpy.com
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MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip

Lab Request: 415002
Report Date: 05/22/2019
Date Received: 05/06/2019
Client ID: 15461

Comments: Compton High School PEA
#210886001
601 S. Acacia Ave., Compton, CA 90220

Supplemental Report 2 - Change order analyses requested on 05/15/19 and 05/17/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID
415002-001	AOC4-B6-N1-5'	415002-025	AOC3-B3-5'
415002-002	AOC4-B6-N1-10'	415002-026	AOC3-B3-10'
415002-003	AOC4-B6-N1-15'	415002-027	AOC3-B3-15'
415002-004	AOC4-B6-N1-20'	415002-028	AOC3-B3-20'
415002-005	AOC4-B6-W1-5'	415002-029	AOC1-E-B23-0.5'
415002-006	AOC4-B6-W1-10'	415002-030	DUP-16
415002-007	AOC4-B6-W1-15'	415002-031	DUP-17
415002-008	AOC4-B6-W1-20'	415002-032	EB-050619A
415002-009	AOC4-B6-S1-5'	415002-033	EB-050619B
415002-010	AOC4-B6-S1-10'	415002-034	EB-050619C
415002-011	AOC4-B6-S1-15'	415002-035	Trip Blank A
415002-012	AOC4-B6-S1-20'	415002-036	Trip Blank B
415002-013	AOC4-B6-E1-5'	415002-037	CG9-0.5'
415002-014	AOC4-B6-E1-10'		
415002-015	AOC4-B6-E1-15'		
415002-016	AOC4-B6-E1-20'		
415002-017	AOC3-B2-5'		
415002-018	AOC3-B2-10'		
415002-019	AOC3-B2-15'		
415002-020	AOC3-B2-20'		
415002-021	AOC3-B1-5'		
415002-022	AOC3-B1-10'		
415002-023	AOC3-B1-15'		
415002-024	AOC3-B1-20'		

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 10:43 **Site:**
Sample #: 415002-001 **Client Sample #:** AOC4-B6-N1-5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	**2.21 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**7.48**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**173**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.76**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**19.0**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**10.5**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**18.1**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**12.5**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	**0.86 J**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Nickel	**12.5**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.67 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**39.0**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**97.1**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**10.4**	2	0.044	6	mg/Kg	05/08/19	05/08/19	TW	B
TPH Motor Oil	**17.2**	2	4.2	10	mg/Kg	05/08/19	05/08/19	TW	
Surrogate	*% Recovery*			*Limits*		*Notes*			
Triacontane (SUR)	*92*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	ND	0.78	0.18642	2.34	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*		*Notes*			
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201765		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/08/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/08/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/08/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/08/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/08/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/08/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/08/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/08/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/08/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/08/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
2-Butanone (MEK)	**2.3 J**	0.8	0.576	80	ug/Kg		05/08/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/08/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 10:43	**Site:**			
Sample #:	**415002-001**	**Client Sample #:**	AOC4-B6-N1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/08/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/08/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/08/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/08/19	LZ	
Benzene	**1.3 J**	0.8	0.144	4	ug/Kg		05/08/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/08/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/08/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/08/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/08/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/08/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/08/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/08/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/08/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/08/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/08/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/08/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/08/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/08/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Toluene	**0.59 J**	0.8	0.136	4	ug/Kg		05/08/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/08/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/08/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*97*	*70-145*	
4-Bromofluorobenzene (SUR)	*114*	*70-145*	
Dibromofluoromethane (SUR)	*95*	*70-145*	
Toluene-d8 (SUR)	*102*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 10:48	**Site:**			
Sample #:	**415002-002**	**Client Sample #:**	AOC4-B6-N1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 10:52 **Site:**
Sample #: 415002-003 **Client Sample #:** AOC4-B6-N1-15' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	ND	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	
Arsenic	**5.04**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**131**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.55**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**21.5**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**11.4**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**30.7**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**6.79**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**18.0**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.86 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**54.9**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**55.4**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	**0.06 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**3.69**	1	0.022	3	mg/Kg	05/08/19	05/08/19	TW	
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/08/19	05/08/19	TW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*72*		*50-150*						
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	**0.573 J**	0.78	0.18642	2.34	mg/Kg		05/07/19	EW	J
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*120*		*60-140*						
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	**1.4 J**	0.8	0.224	4	ug/Kg		05/11/19	LZ	J
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	**0.23 J**	0.8	0.184	4	ug/Kg		05/11/19	LZ	J
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	**3.0 J**	0.8	0.576	80	ug/Kg		05/11/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 10:52	**Site:**			
Sample #:	**415002-003**	**Client Sample #:**	AOC4-B6-N1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/11/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/11/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/11/19	LZ	
Benzene	**0.40 J**	0.8	0.144	4	ug/Kg		05/11/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/11/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/11/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/11/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/11/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/11/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/11/19	LZ	
Ethylbenzene	**64**	0.8	0.184	4	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/11/19	LZ	
Isopropylbenzene	**9.6**	0.8	0.2	4	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/11/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/11/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/11/19	LZ	
Naphthalene	**1.9 J**	0.8	0.128	4	ug/Kg		05/11/19	LZ	J
N-butylbenzene	**4.8**	0.8	0.2	4	ug/Kg		05/11/19	LZ	
N-propylbenzene	**30**	0.8	0.176	4	ug/Kg		05/11/19	LZ	
o-Xylene	**0.44 J**	0.8	0.152	4	ug/Kg		05/11/19	LZ	J
Sec-butylbenzene	**3.3 J**	0.8	0.224	4	ug/Kg		05/11/19	LZ	J
Styrene	ND	0.8	0.104	4	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/11/19	LZ	
Toluene	**0.25 J**	0.8	0.136	4	ug/Kg		05/11/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/11/19	LZ	
Xylenes (Total)	**0.44 J**	0.8	0.304	4	ug/Kg		05/11/19	LZ	J

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*112*	*70-145*	
4-Bromofluorobenzene (SUR)	*112*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*98*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 11:03	**Site:**			
Sample #:	**415002-004**	**Client Sample #:**	AOC4-B6-N1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 11:35 **Site:**
Sample #: 415002-005 **Client Sample #:** AOC4-B6-W1-5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	**2.81 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**2.95**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**94.6**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.45 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**10.4**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**6.98**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**13.3**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**15.6**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	**0.64 J**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Nickel	**7.51**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.77 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**26.0**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**50.3**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**5.80**	1	0.022	3	mg/Kg	05/08/19	05/08/19	TW	
TPH Motor Oil	**7.89**	1	2.1	5	mg/Kg	05/08/19	05/08/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*75*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201736		
TPH Gasoline	ND	0.76	0.18164	2.28	mg/Kg		05/08/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*90*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201765		
1,1,1,2-Tetrachloroethane	ND	0.7	0.168	3.5	ug/Kg		05/08/19	LZ	
1,1,1-Trichloroethane	ND	0.7	0.105	3.5	ug/Kg		05/08/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.7	0.203	3.5	ug/Kg		05/08/19	LZ	
1,1,2-Trichloroethane	ND	0.7	0.154	3.5	ug/Kg		05/08/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	0.518	3.5	ug/Kg		05/08/19	LZ	
1,1-Dichloroethane	ND	0.7	0.161	3.5	ug/Kg		05/08/19	LZ	
1,1-Dichloroethene	ND	0.7	0.126	3.5	ug/Kg		05/08/19	LZ	
1,1-Dichloropropene	ND	0.7	0.147	3.5	ug/Kg		05/08/19	LZ	
1,2,3-Trichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/08/19	LZ	
1,2,3-Trichloropropane	ND	0.7	0.14	3.5	ug/Kg		05/08/19	LZ	
1,2,4-Trichlorobenzene	ND	0.7	0.231	3.5	ug/Kg		05/08/19	LZ	
1,2,4-Trimethylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/08/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.7	0.14	3.5	ug/Kg		05/08/19	LZ	
1,2-Dibromoethane	ND	0.7	0.084	3.5	ug/Kg		05/08/19	LZ	
1,2-Dichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/08/19	LZ	
1,2-Dichloroethane	ND	0.7	0.098	3.5	ug/Kg		05/08/19	LZ	
1,2-Dichloropropane	ND	0.7	0.238	3.5	ug/Kg		05/08/19	LZ	
1,3,5-Trimethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/08/19	LZ	
1,3-Dichlorobenzene	ND	0.7	0.147	3.5	ug/Kg		05/08/19	LZ	
1,3-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/08/19	LZ	
1,4-Dichlorobenzene	ND	0.7	0.168	3.5	ug/Kg		05/08/19	LZ	
2,2-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/08/19	LZ	
2-Butanone (MEK)	**1.3 J**	0.7	0.504	70	ug/Kg		05/08/19	LZ	J
2-Chlorotoluene	ND	0.7	0.175	3.5	ug/Kg		05/08/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 11:35	**Site:**			
Sample #:	**415002-005**	**Client Sample #:**	AOC4-B6-W1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.7	0.154	3.5	ug/Kg		05/08/19	LZ	
4-Isopropyltoluene	ND	0.7	0.189	3.5	ug/Kg		05/08/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	0.119	3.5	ug/Kg		05/08/19	LZ	
Acetone	ND	0.7	35	70	ug/Kg		05/08/19	LZ	
Allyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/08/19	LZ	
Benzene	**0.89 J**	0.7	0.126	3.5	ug/Kg		05/08/19	LZ	J
Bromobenzene	ND	0.7	0.21	3.5	ug/Kg		05/08/19	LZ	
Bromochloromethane	ND	0.7	0.126	3.5	ug/Kg		05/08/19	LZ	
Bromodichloromethane	ND	0.7	0.14	3.5	ug/Kg		05/08/19	LZ	
Bromoform	ND	0.7	0.133	3.5	ug/Kg		05/08/19	LZ	
Bromomethane	ND	0.7	0.154	3.5	ug/Kg		05/08/19	LZ	
Carbon Tetrachloride	ND	0.7	0.126	3.5	ug/Kg		05/08/19	LZ	
Chlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/08/19	LZ	
Chlorodibromomethane	ND	0.7	0.133	3.5	ug/Kg		05/08/19	LZ	
Chloroethane	ND	0.7	0.14	3.5	ug/Kg		05/08/19	LZ	
Chloroform	ND	0.7	0.119	3.5	ug/Kg		05/08/19	LZ	
Chloromethane	ND	0.7	0.147	3.5	ug/Kg		05/08/19	LZ	
cis-1,2-Dichloroethene	ND	0.7	0.14	3.5	ug/Kg		05/08/19	LZ	
cis-1,3-dichloropropene	ND	0.7	0.14	3.5	ug/Kg		05/08/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/08/19	LZ	
Dibromomethane	ND	0.7	0.147	3.5	ug/Kg		05/08/19	LZ	
Dichlorodifluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/08/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.7	0.147	3.5	ug/Kg		05/08/19	LZ	
Ethylbenzene	**0.27 J**	0.7	0.161	3.5	ug/Kg		05/08/19	LZ	J
Ethyl-tertbutylether (ETBE)	ND	0.7	0.294	3.5	ug/Kg		05/08/19	LZ	
Hexachlorobutadiene	ND	0.7	0.294	3.5	ug/Kg		05/08/19	LZ	
Isopropylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/08/19	LZ	
m and p-Xylene	ND	0.7	0.266	3.5	ug/Kg		05/08/19	LZ	
Methylene chloride	ND	0.7	0.147	3.5	ug/Kg		05/08/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.7	0.119	3.5	ug/Kg		05/08/19	LZ	
Naphthalene	ND	0.7	0.112	3.5	ug/Kg		05/08/19	LZ	
N-butylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/08/19	LZ	
N-propylbenzene	ND	0.7	0.154	3.5	ug/Kg		05/08/19	LZ	
o-Xylene	ND	0.7	0.133	3.5	ug/Kg		05/08/19	LZ	
Sec-butylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/08/19	LZ	
Styrene	ND	0.7	0.091	3.5	ug/Kg		05/08/19	LZ	
t-Butyl alcohol (TBA)	ND	0.7	6.16	7	ug/Kg		05/08/19	LZ	
Tert-amylmethylether (TAME)	ND	0.7	0.133	3.5	ug/Kg		05/08/19	LZ	
Tert-butylbenzene	ND	0.7	0.238	3.5	ug/Kg		05/08/19	LZ	
Tetrachloroethene	ND	0.7	0.161	3.5	ug/Kg		05/08/19	LZ	
Toluene	**0.30 J**	0.7	0.119	3.5	ug/Kg		05/08/19	LZ	J
trans-1,2-dichloroethene	ND	0.7	0.133	3.5	ug/Kg		05/08/19	LZ	
trans-1,3-dichloropropene	ND	0.7	0.126	3.5	ug/Kg		05/08/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/08/19	LZ	
Trichloroethene	ND	0.7	0.161	3.5	ug/Kg		05/08/19	LZ	
Trichlorofluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/08/19	LZ	
Vinyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/08/19	LZ	
Xylenes (Total)	ND	0.7	0.266	3.5	ug/Kg		05/08/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*96*	*70-145*	
4-Bromofluorobenzene (SUR)	*115*	*70-145*	
Dibromofluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 11:40	**Site:**			
Sample #:	**415002-006**	**Client Sample #:**	AOC4-B6-W1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1202150		
TPH Diesel	**8.35**	1	0.022	3	mg/Kg	05/20/19	05/20/19	TW	B
TPH Motor Oil	**10.3**	1	2.1	5	mg/Kg	05/20/19	05/20/19	TW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*68*		*50-150*						
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201871		
TPH Gasoline	ND	0.71	0.16969	2.13	mg/Kg		05/17/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*115*		*60-140*						
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1202090		
1,1,1,2-Tetrachloroethane	ND	0.7	0.168	3.5	ug/Kg		05/17/19	LZ	
1,1,1-Trichloroethane	ND	0.7	0.105	3.5	ug/Kg		05/17/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.7	0.203	3.5	ug/Kg		05/17/19	LZ	
1,1,2-Trichloroethane	ND	0.7	0.154	3.5	ug/Kg		05/17/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	0.518	3.5	ug/Kg		05/17/19	LZ	
1,1-Dichloroethane	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
1,1-Dichloroethene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
1,1-Dichloropropene	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
1,2,3-Trichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
1,2,3-Trichloropropane	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
1,2,4-Trichlorobenzene	ND	0.7	0.231	3.5	ug/Kg		05/17/19	LZ	
1,2,4-Trimethylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/17/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
1,2-Dibromoethane	ND	0.7	0.084	3.5	ug/Kg		05/17/19	LZ	
1,2-Dichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
1,2-Dichloroethane	ND	0.7	0.098	3.5	ug/Kg		05/17/19	LZ	
1,2-Dichloropropane	ND	0.7	0.238	3.5	ug/Kg		05/17/19	LZ	
1,3,5-Trimethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
1,3-Dichlorobenzene	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
1,3-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
1,4-Dichlorobenzene	ND	0.7	0.168	3.5	ug/Kg		05/17/19	LZ	
2,2-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
2-Butanone (MEK)	**1.5 J**	0.7	0.504	70	ug/Kg		05/17/19	LZ	J
2-Chlorotoluene	ND	0.7	0.175	3.5	ug/Kg		05/17/19	LZ	
4-Chlorotoluene	ND	0.7	0.154	3.5	ug/Kg		05/17/19	LZ	
4-Isopropyltoluene	ND	0.7	0.189	3.5	ug/Kg		05/17/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	0.119	3.5	ug/Kg		05/17/19	LZ	
Acetone	ND	0.7	35	70	ug/Kg		05/17/19	LZ	
Allyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/17/19	LZ	
Benzene	**0.81 J**	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	J
Bromobenzene	ND	0.7	0.21	3.5	ug/Kg		05/17/19	LZ	
Bromochloromethane	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
Bromodichloromethane	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
Bromoform	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
Bromomethane	ND	0.7	0.154	3.5	ug/Kg		05/17/19	LZ	
Carbon Tetrachloride	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
Chlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
Chlorodibromomethane	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
Chloroethane	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
Chloroform	ND	0.7	0.119	3.5	ug/Kg		05/17/19	LZ	
Chloromethane	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
cis-1,2-Dichloroethene	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
cis-1,3-dichloropropene	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 11:40	**Site:**			
Sample #:	**415002-006**	**Client Sample #:**	AOC4-B6-W1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Dibromomethane	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
Dichlorodifluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
Ethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.7	0.294	3.5	ug/Kg		05/17/19	LZ	
Hexachlorobutadiene	ND	0.7	0.294	3.5	ug/Kg		05/17/19	LZ	
Isopropylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/17/19	LZ	
m and p-Xylene	ND	0.7	0.266	3.5	ug/Kg		05/17/19	LZ	
Methylene chloride	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.7	0.119	3.5	ug/Kg		05/17/19	LZ	
Naphthalene	ND	0.7	0.112	3.5	ug/Kg		05/17/19	LZ	
N-butylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/17/19	LZ	
N-propylbenzene	ND	0.7	0.154	3.5	ug/Kg		05/17/19	LZ	
o-Xylene	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
Sec-butylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/17/19	LZ	
Styrene	ND	0.7	0.091	3.5	ug/Kg		05/17/19	LZ	
t-Butyl alcohol (TBA)	ND	0.7	6.16	7	ug/Kg		05/17/19	LZ	
Tert-amylmethylether (TAME)	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
Tert-butylbenzene	ND	0.7	0.238	3.5	ug/Kg		05/17/19	LZ	
Tetrachloroethene	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Toluene	**0.27 J**	0.7	0.119	3.5	ug/Kg		05/17/19	LZ	J
trans-1,2-dichloroethene	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
trans-1,3-dichloropropene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
Trichloroethene	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Trichlorofluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Vinyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/17/19	LZ	
Xylenes (Total)	ND	0.7	0.266	3.5	ug/Kg		05/17/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*90*	*70-145*	
4-Bromofluorobenzene (SUR)	*108*	*70-145*	
Dibromofluoromethane (SUR)	*97*	*70-145*	
Toluene-d8 (SUR)	*104*	*70-145*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 11:50 **Site:**
Sample #: 415002-007 **Client Sample #:** AOC4-B6-W1-15' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	**2.42 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**8.48**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**142**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.58**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**21.5**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**10.8**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**28.2**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**3.66**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**16.5**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.75 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**59.1**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**52.3**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	**0.09 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**5.21**	1	0.022	3	mg/Kg	05/08/19	05/08/19	TW	
TPH Motor Oil	**2.22 J**	1	2.1	5	mg/Kg	05/08/19	05/08/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*69*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201736		
TPH Gasoline	**31 J**	18	4.302	54	mg/Kg		05/08/19	EW	J
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*115*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201765		
1,1,1,2-Tetrachloroethane	ND	35.7	8.568	178.5	ug/Kg		05/09/19	LZ	
1,1,1-Trichloroethane	ND	35.7	5.355	178.5	ug/Kg		05/09/19	LZ	
1,1,2,2-Tetrachloroethane	ND	35.7	10.353	178.5	ug/Kg		05/09/19	LZ	
1,1,2-Trichloroethane	ND	35.7	7.854	178.5	ug/Kg		05/09/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	35.7	26.418	178.5	ug/Kg		05/09/19	LZ	
1,1-Dichloroethane	ND	35.7	8.211	178.5	ug/Kg		05/09/19	LZ	
1,1-Dichloroethene	ND	35.7	6.426	178.5	ug/Kg		05/09/19	LZ	
1,1-Dichloropropene	ND	35.7	7.497	178.5	ug/Kg		05/09/19	LZ	
1,2,3-Trichlorobenzene	ND	35.7	6.426	178.5	ug/Kg		05/09/19	LZ	
1,2,3-Trichloropropane	ND	35.7	7.14	178.5	ug/Kg		05/09/19	LZ	
1,2,4-Trichlorobenzene	ND	35.7	11.781	178.5	ug/Kg		05/09/19	LZ	
1,2,4-Trimethylbenzene	**1600**	35.7	9.996	178.5	ug/Kg		05/09/19	LZ	
1,2-Dibromo-3-chloropropane	ND	35.7	7.14	178.5	ug/Kg		05/09/19	LZ	
1,2-Dibromoethane	ND	35.7	4.284	178.5	ug/Kg		05/09/19	LZ	
1,2-Dichlorobenzene	ND	35.7	6.426	178.5	ug/Kg		05/09/19	LZ	
1,2-Dichloroethane	ND	35.7	4.998	178.5	ug/Kg		05/09/19	LZ	
1,2-Dichloropropane	ND	35.7	12.138	178.5	ug/Kg		05/09/19	LZ	
1,3,5-Trimethylbenzene	**300**	35.7	8.211	178.5	ug/Kg		05/09/19	LZ	
1,3-Dichlorobenzene	ND	35.7	7.497	178.5	ug/Kg		05/09/19	LZ	
1,3-Dichloropropane	ND	35.7	6.783	178.5	ug/Kg		05/09/19	LZ	
1,4-Dichlorobenzene	ND	35.7	8.568	178.5	ug/Kg		05/09/19	LZ	
2,2-Dichloropropane	ND	35.7	6.783	178.5	ug/Kg		05/09/19	LZ	
2-Butanone (MEK)	ND	35.7	25.704	3570	ug/Kg		05/09/19	LZ	
2-Chlorotoluene	ND	35.7	8.925	178.5	ug/Kg		05/09/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 11:50	**Site:**			
Sample #:	**415002-007**	**Client Sample #:**	AOC4-B6-W1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	35.7	7.854	178.5	ug/Kg		05/09/19	LZ	
4-Isopropyltoluene	**22 J**	35.7	9.639	178.5	ug/Kg		05/09/19	LZ	J
4-Methyl-2-pentanone (MIBK)	ND	35.7	6.069	178.5	ug/Kg		05/09/19	LZ	
Acetone	ND	35.7	1785	3570	ug/Kg		05/09/19	LZ	
Allyl Chloride	ND	35.7	4.998	178.5	ug/Kg		05/09/19	LZ	
Benzene	ND	35.7	6.426	178.5	ug/Kg		05/09/19	LZ	
Bromobenzene	ND	35.7	10.71	178.5	ug/Kg		05/09/19	LZ	
Bromochloromethane	ND	35.7	6.426	178.5	ug/Kg		05/09/19	LZ	
Bromodichloromethane	ND	35.7	7.14	178.5	ug/Kg		05/09/19	LZ	
Bromoform	ND	35.7	6.783	178.5	ug/Kg		05/09/19	LZ	
Bromomethane	ND	35.7	7.854	178.5	ug/Kg		05/09/19	LZ	
Carbon Tetrachloride	ND	35.7	6.426	178.5	ug/Kg		05/09/19	LZ	
Chlorobenzene	ND	35.7	6.426	178.5	ug/Kg		05/09/19	LZ	
Chlorodibromomethane	ND	35.7	6.783	178.5	ug/Kg		05/09/19	LZ	
Chloroethane	ND	35.7	7.14	178.5	ug/Kg		05/09/19	LZ	
Chloroform	ND	35.7	6.069	178.5	ug/Kg		05/09/19	LZ	
Chloromethane	ND	35.7	7.497	178.5	ug/Kg		05/09/19	LZ	
cis-1,2-Dichloroethene	ND	35.7	7.14	178.5	ug/Kg		05/09/19	LZ	
cis-1,3-dichloropropene	ND	35.7	7.14	178.5	ug/Kg		05/09/19	LZ	
cis-1,4-dichloro-2-butene	ND	35.7	7.14	178.5	ug/Kg		05/09/19	LZ	
Dibromomethane	ND	35.7	7.497	178.5	ug/Kg		05/09/19	LZ	
Dichlorodifluoromethane	ND	35.7	8.211	178.5	ug/Kg		05/09/19	LZ	
Di-isopropyl ether (DIPE)	ND	35.7	7.497	178.5	ug/Kg		05/09/19	LZ	
Ethylbenzene	**580**	35.7	8.211	178.5	ug/Kg		05/09/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	35.7	14.994	178.5	ug/Kg		05/09/19	LZ	
Hexachlorobutadiene	ND	35.7	14.994	178.5	ug/Kg		05/09/19	LZ	
Isopropylbenzene	**140 J**	35.7	8.925	178.5	ug/Kg		05/09/19	LZ	J
m and p-Xylene	**300**	35.7	13.566	178.5	ug/Kg		05/09/19	LZ	
Methylene chloride	ND	35.7	7.497	178.5	ug/Kg		05/09/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	35.7	6.069	178.5	ug/Kg		05/09/19	LZ	
Naphthalene	**940**	35.7	5.712	178.5	ug/Kg		05/09/19	LZ	
N-butylbenzene	**250**	35.7	8.925	178.5	ug/Kg		05/09/19	LZ	
N-propylbenzene	**560**	35.7	7.854	178.5	ug/Kg		05/09/19	LZ	
o-Xylene	**150 J**	35.7	6.783	178.5	ug/Kg		05/09/19	LZ	J
Sec-butylbenzene	**85 J**	35.7	9.996	178.5	ug/Kg		05/09/19	LZ	J
Styrene	ND	35.7	4.641	178.5	ug/Kg		05/09/19	LZ	
t-Butyl alcohol (TBA)	ND	35.7	314.16	357	ug/Kg		05/09/19	LZ	
Tert-amylmethylether (TAME)	ND	35.7	6.783	178.5	ug/Kg		05/09/19	LZ	
Tert-butylbenzene	ND	35.7	12.138	178.5	ug/Kg		05/09/19	LZ	
Tetrachloroethene	ND	35.7	8.211	178.5	ug/Kg		05/09/19	LZ	
Toluene	ND	35.7	6.069	178.5	ug/Kg		05/09/19	LZ	
trans-1,2-dichloroethene	ND	35.7	6.783	178.5	ug/Kg		05/09/19	LZ	
trans-1,3-dichloropropene	ND	35.7	6.426	178.5	ug/Kg		05/09/19	LZ	
trans-1,4-dichloro-2-butene	ND	35.7	7.14	178.5	ug/Kg		05/09/19	LZ	
Trichloroethene	ND	35.7	8.211	178.5	ug/Kg		05/09/19	LZ	
Trichlorofluoromethane	ND	35.7	8.211	178.5	ug/Kg		05/09/19	LZ	
Vinyl Chloride	ND	35.7	4.998	178.5	ug/Kg		05/09/19	LZ	
Xylenes (Total)	**450**	35.7	13.566	178.5	ug/Kg		05/09/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*87*	*70-145*	
4-Bromofluorobenzene (SUR)	*121*	*70-145*	
Dibromofluoromethane (SUR)	*90*	*70-145*	
Toluene-d8 (SUR)	*102*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 12:00	**Site:**			
Sample #:	**415002-008**	**Client Sample #:**	AOC4-B6-W1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1202060		
TPH Diesel	**1.95 J**	1	0.022	3	mg/Kg	05/16/19	05/17/19	TW	B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/16/19	05/17/19	TW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*90*		*50-150*						
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1202031		
TPH Gasoline	**310**	38	9.082	114	mg/Kg		05/16/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*130*		*60-140*						
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1202089		
1,1,1,2-Tetrachloroethane	ND	189.4	45.456	947	ug/Kg		05/17/19	LZ	
1,1,1-Trichloroethane	ND	189.4	28.41	947	ug/Kg		05/17/19	LZ	
1,1,2,2-Tetrachloroethane	ND	189.4	54.926	947	ug/Kg		05/17/19	LZ	
1,1,2-Trichloroethane	ND	189.4	41.668	947	ug/Kg		05/17/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	189.4	140.156	947	ug/Kg		05/17/19	LZ	
1,1-Dichloroethane	ND	189.4	43.562	947	ug/Kg		05/17/19	LZ	
1,1-Dichloroethene	ND	189.4	34.092	947	ug/Kg		05/17/19	LZ	
1,1-Dichloropropene	ND	189.4	39.774	947	ug/Kg		05/17/19	LZ	
1,2,3-Trichlorobenzene	ND	189.4	34.092	947	ug/Kg		05/17/19	LZ	
1,2,3-Trichloropropane	ND	189.4	37.88	947	ug/Kg		05/17/19	LZ	
1,2,4-Trichlorobenzene	ND	189.4	62.502	947	ug/Kg		05/17/19	LZ	
1,2,4-Trimethylbenzene	**9400**	189.4	53.032	947	ug/Kg		05/17/19	LZ	
1,2-Dibromo-3-chloropropane	ND	189.4	37.88	947	ug/Kg		05/17/19	LZ	
1,2-Dibromoethane	ND	189.4	22.728	947	ug/Kg		05/17/19	LZ	
1,2-Dichlorobenzene	ND	189.4	34.092	947	ug/Kg		05/17/19	LZ	
1,2-Dichloroethane	ND	189.4	26.516	947	ug/Kg		05/17/19	LZ	
1,2-Dichloropropane	ND	189.4	64.396	947	ug/Kg		05/17/19	LZ	
1,3,5-Trimethylbenzene	**110 J**	189.4	43.562	947	ug/Kg		05/17/19	LZ	J
1,3-Dichlorobenzene	ND	189.4	39.774	947	ug/Kg		05/17/19	LZ	
1,3-Dichloropropane	ND	189.4	35.986	947	ug/Kg		05/17/19	LZ	
1,4-Dichlorobenzene	ND	189.4	45.456	947	ug/Kg		05/17/19	LZ	
2,2-Dichloropropane	ND	189.4	35.986	947	ug/Kg		05/17/19	LZ	
2-Butanone (MEK)	ND	189.4	136.368	18940	ug/Kg		05/17/19	LZ	
2-Chlorotoluene	ND	189.4	47.35	947	ug/Kg		05/17/19	LZ	
4-Chlorotoluene	ND	189.4	41.668	947	ug/Kg		05/17/19	LZ	
4-Isopropyltoluene	**280 J**	189.4	51.138	947	ug/Kg		05/17/19	LZ	J
4-Methyl-2-pentanone (MIBK)	ND	189.4	32.198	947	ug/Kg		05/17/19	LZ	
Acetone	ND	189.4	9470	18940	ug/Kg		05/17/19	LZ	
Allyl Chloride	ND	189.4	26.516	947	ug/Kg		05/17/19	LZ	
Benzene	ND	189.4	34.092	947	ug/Kg		05/17/19	LZ	
Bromobenzene	ND	189.4	56.82	947	ug/Kg		05/17/19	LZ	
Bromochloromethane	ND	189.4	34.092	947	ug/Kg		05/17/19	LZ	
Bromodichloromethane	ND	189.4	37.88	947	ug/Kg		05/17/19	LZ	
Bromoform	ND	189.4	35.986	947	ug/Kg		05/17/19	LZ	
Bromomethane	ND	189.4	41.668	947	ug/Kg		05/17/19	LZ	
Carbon Tetrachloride	ND	189.4	34.092	947	ug/Kg		05/17/19	LZ	
Chlorobenzene	ND	189.4	34.092	947	ug/Kg		05/17/19	LZ	
Chlorodibromomethane	ND	189.4	35.986	947	ug/Kg		05/17/19	LZ	
Chloroethane	ND	189.4	37.88	947	ug/Kg		05/17/19	LZ	
Chloroform	ND	189.4	32.198	947	ug/Kg		05/17/19	LZ	
Chloromethane	ND	189.4	39.774	947	ug/Kg		05/17/19	LZ	
cis-1,2-Dichloroethene	ND	189.4	37.88	947	ug/Kg		05/17/19	LZ	
cis-1,3-dichloropropene	ND	189.4	37.88	947	ug/Kg		05/17/19	LZ	
cis-1,4-dichloro-2-butene	ND	189.4	37.88	947	ug/Kg		05/17/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 12:00	**Site:**			
Sample #:	**415002-008**	**Client Sample #:**	AOC4-B6-W1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Dibromomethane	ND	189.4	39.774	947	ug/Kg		05/17/19	LZ	
Dichlorodifluoromethane	ND	189.4	43.562	947	ug/Kg		05/17/19	LZ	
Di-isopropyl ether (DIPE)	ND	189.4	39.774	947	ug/Kg		05/17/19	LZ	
Ethylbenzene	**6500**	189.4	43.562	947	ug/Kg		05/17/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	189.4	79.548	947	ug/Kg		05/17/19	LZ	
Hexachlorobutadiene	ND	189.4	79.548	947	ug/Kg		05/17/19	LZ	
Isopropylbenzene	**610 J**	189.4	47.35	947	ug/Kg		05/17/19	LZ	J
m and p-Xylene	**440 J**	189.4	71.972	947	ug/Kg		05/17/19	LZ	J
Methylene chloride	ND	189.4	39.774	947	ug/Kg		05/17/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	189.4	32.198	947	ug/Kg		05/17/19	LZ	
Naphthalene	**1100**	189.4	30.304	947	ug/Kg		05/17/19	LZ	
N-butylbenzene	**150 J**	189.4	47.35	947	ug/Kg		05/17/19	LZ	J
N-propylbenzene	**1700**	189.4	41.668	947	ug/Kg		05/17/19	LZ	
o-Xylene	**48 J**	189.4	35.986	947	ug/Kg		05/17/19	LZ	J
Sec-butylbenzene	**210 J**	189.4	53.032	947	ug/Kg		05/17/19	LZ	J
Styrene	ND	189.4	24.622	947	ug/Kg		05/17/19	LZ	
t-Butyl alcohol (TBA)	ND	189.4	1666.72	1894	ug/Kg		05/17/19	LZ	
Tert-amylmethylether (TAME)	ND	189.4	35.986	947	ug/Kg		05/17/19	LZ	
Tert-butylbenzene	ND	189.4	64.396	947	ug/Kg		05/17/19	LZ	
Tetrachloroethene	ND	189.4	43.562	947	ug/Kg		05/17/19	LZ	
Toluene	ND	189.4	32.198	947	ug/Kg		05/17/19	LZ	
trans-1,2-dichloroethene	ND	189.4	35.986	947	ug/Kg		05/17/19	LZ	
trans-1,3-dichloropropene	ND	189.4	34.092	947	ug/Kg		05/17/19	LZ	
trans-1,4-dichloro-2-butene	ND	189.4	37.88	947	ug/Kg		05/17/19	LZ	
Trichloroethene	ND	189.4	43.562	947	ug/Kg		05/17/19	LZ	
Trichlorofluoromethane	ND	189.4	43.562	947	ug/Kg		05/17/19	LZ	
Vinyl Chloride	ND	189.4	26.516	947	ug/Kg		05/17/19	LZ	
Xylenes (Total)	**488 J**	189.4	71.972	947	ug/Kg		05/17/19	LZ	J

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*84*	*70-145*	
4-Bromofluorobenzene (SUR)	*107*	*70-145*	
Dibromofluoromethane (SUR)	*95*	*70-145*	
Toluene-d8 (SUR)	*104*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 12:20	**Site:**			
Sample #:	**415002-009**	**Client Sample #:**	AOC4-B6-S1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201761		
Antimony	**0.49 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**1.66**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**89.4**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.47 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**14.7**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**8.19**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**15.0**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**23.2**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	**0.24 J**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Nickel	**9.31**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.34 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**29.2**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**58.4**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201809		
Mercury	**0.05 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201740		
TPH Diesel	**9.25**	1	0.022	3	mg/Kg	05/08/19	05/08/19	TW	
TPH Motor Oil	**7.19**	1	2.1	5	mg/Kg	05/08/19	05/08/19	TW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*81*		*50-150*						
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201660		
TPH Gasoline	ND	0.82	0.19598	2.46	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*100*		*60-140*						
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	**2.8 J**	0.8	0.224	4	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	**0.70 J**	0.8	0.184	4	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	**2.1 J**	0.8	0.576	80	ug/Kg		05/07/19	LZ	
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 12:20	**Site:**			
Sample #:	**415002-009**	**Client Sample #:**	AOC4-B6-S1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/07/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/07/19	LZ	
Benzene	**1.1 J**	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/07/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
Ethylbenzene	**0.61 J**	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/07/19	LZ	
m and p-Xylene	**0.77 J**	0.8	0.304	4	ug/Kg		05/07/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/07/19	LZ	
Naphthalene	**1.7 J**	0.8	0.128	4	ug/Kg		05/07/19	LZ	
N-butylbenzene	**0.45 J**	0.8	0.2	4	ug/Kg		05/07/19	LZ	
N-propylbenzene	**0.54 J**	0.8	0.176	4	ug/Kg		05/07/19	LZ	
o-Xylene	**0.42 J**	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/07/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Toluene	**0.42 J**	0.8	0.136	4	ug/Kg		05/07/19	LZ	
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/07/19	LZ	
Xylenes (Total)	**1.19 J**	0.8	0.304	4	ug/Kg		05/07/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*95*	*70-145*	
4-Bromofluorobenzene (SUR)	*115*	*70-145*	
Dibromofluoromethane (SUR)	*93*	*70-145*	
Toluene-d8 (SUR)	*103*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 12:28	**Site:**			
Sample #:	**415002-010**	**Client Sample #:**	AOC4-B6-S1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 12:35	**Site:**			
Sample #:	**415002-011**	**Client Sample #:**	AOC4-B6-S1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	**3.31**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	
Arsenic	**7.47**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**141**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.59**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**19.7**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**10.5**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**22.6**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**0.96 J**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**14.7**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.03 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**46.5**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**46.9**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**4.09**	1	0.022	3	mg/Kg	05/08/19	05/08/19	TW	
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/08/19	05/08/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*61*			*50-150*					
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201736		
TPH Gasoline	**2.8**	0.79	0.18881	2.37	mg/Kg		05/08/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*130*			*60-140*					
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201765		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/08/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/08/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/08/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/08/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/08/19	LZ	
1,2,4-Trimethylbenzene	**240**	36.8	10.304	184	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/08/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/08/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/08/19	LZ	
1,3,5-Trimethylbenzene	**17**	0.8	0.184	4	ug/Kg		05/08/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/08/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
2-Butanone (MEK)	**1.8 J**	0.8	0.576	80	ug/Kg		05/08/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/08/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 12:35	**Site:**			
Sample #:	**415002-011**	**Client Sample #:**	AOC4-B6-S1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
4-Isopropyltoluene	**4.2**	0.8	0.216	4	ug/Kg		05/08/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/08/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/08/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/08/19	LZ	
Benzene	**1.0 J**	0.8	0.144	4	ug/Kg		05/08/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/08/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/08/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
Ethylbenzene	**73**	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/08/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/08/19	LZ	
Isopropylbenzene	**9.6**	0.8	0.2	4	ug/Kg		05/08/19	LZ	
m and p-Xylene	**75**	0.8	0.304	4	ug/Kg		05/08/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/08/19	LZ	
Naphthalene	**10**	0.8	0.128	4	ug/Kg		05/08/19	LZ	
N-butylbenzene	**6.3**	0.8	0.2	4	ug/Kg		05/08/19	LZ	
N-propylbenzene	**20**	0.8	0.176	4	ug/Kg		05/08/19	LZ	
o-Xylene	**31**	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Sec-butylbenzene	**2.6 J**	0.8	0.224	4	ug/Kg		05/08/19	LZ	J
Styrene	ND	0.8	0.104	4	ug/Kg		05/08/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/08/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/08/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Toluene	**0.42 J**	0.8	0.136	4	ug/Kg		05/08/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/08/19	LZ	
Xylenes (Total)	**106**	0.8	0.304	4	ug/Kg		05/08/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*97*	*70-145*	
4-Bromofluorobenzene (SUR)	*116*	*70-145*	
Dibromofluoromethane (SUR)	*95*	*70-145*	
Toluene-d8 (SUR)	*101*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 12:45	**Site:**			
Sample #:	**415002-012**	**Client Sample #:**	AOC4-B6-S1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 13:08	**Site:**			
Sample #:	**415002-013**	**Client Sample #:**	AOC4-B6-E1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201761		
Antimony	**1.04 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**2.47**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**85.2**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.45 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**11.6**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**7.44**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**15.0**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**21.4**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**7.92**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.65 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**28.0**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**56.0**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201809		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201740		
TPH Diesel	**7.45**	1	0.022	3	mg/Kg	05/08/19	05/09/19	TW	
TPH Motor Oil	**5.48**	1	2.1	5	mg/Kg	05/08/19	05/09/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*77*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201660		
TPH Gasoline	ND	0.78	0.18642	2.34	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*110*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	0.7	0.168	3.5	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	0.7	0.105	3.5	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.7	0.203	3.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	0.518	3.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	0.7	0.231	3.5	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	**0.61 J**	0.7	0.196	3.5	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	0.7	0.084	3.5	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	0.7	0.098	3.5	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	0.7	0.238	3.5	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	0.7	0.168	3.5	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	**1.8 J**	0.7	0.504	70	ug/Kg		05/07/19	LZ	
2-Chlorotoluene	ND	0.7	0.175	3.5	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 13:08	**Site:**			
Sample #:	**415002-013**	**Client Sample #:**	AOC4-B6-E1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	0.7	0.189	3.5	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
Acetone	ND	0.7	35	70	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/07/19	LZ	
Benzene	**0.79 J**	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Bromobenzene	ND	0.7	0.21	3.5	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Bromoform	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Bromomethane	ND	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Chloroethane	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Chloroform	ND	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
Chloromethane	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
Ethylbenzene	**0.23 J**	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.7	0.294	3.5	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	0.7	0.294	3.5	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/07/19	LZ	
m and p-Xylene	ND	0.7	0.266	3.5	ug/Kg		05/07/19	LZ	
Methylene chloride	ND	0.7	0.147	3.5	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
Naphthalene	**0.57 J**	0.7	0.112	3.5	ug/Kg		05/07/19	LZ	
N-butylbenzene	**0.36 J**	0.7	0.175	3.5	ug/Kg		05/07/19	LZ	
N-propylbenzene	**0.30 J**	0.7	0.154	3.5	ug/Kg		05/07/19	LZ	
o-Xylene	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	**0.66 J**	0.7	0.196	3.5	ug/Kg		05/07/19	LZ	
Styrene	ND	0.7	0.091	3.5	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	ND	0.7	6.16	7	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	0.7	0.238	3.5	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Toluene	**0.34 J**	0.7	0.119	3.5	ug/Kg		05/07/19	LZ	
trans-1,2-dichloroethene	ND	0.7	0.133	3.5	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	0.7	0.126	3.5	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/07/19	LZ	
Xylenes (Total)	ND	0.7	0.266	3.5	ug/Kg		05/07/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*93*	*70-145*	
4-Bromofluorobenzene (SUR)	*118*	*70-145*	
Dibromofluoromethane (SUR)	*93*	*70-145*	
Toluene-d8 (SUR)	*104*	*70-145*	

Matrix: Solid	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/06/2019 13:15	**Site:**				
Sample #: **415002-014**	**Client Sample #:** AOC4-B6-E1-10'		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1202150		
TPH Diesel	**184**	40	0.88	120	mg/Kg	05/20/19	05/21/19	TW	B
TPH Motor Oil	**255**	40	84	200	mg/Kg	05/20/19	05/21/19	TW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*64*		*50-150*						
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201871		
TPH Gasoline	ND	0.77	0.18403	2.31	mg/Kg		05/17/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*90*		*60-140*						
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1202090		
1,1,1,2-Tetrachloroethane	ND	0.7	0.168	3.5	ug/Kg		05/17/19	LZ	
1,1,1-Trichloroethane	ND	0.7	0.105	3.5	ug/Kg		05/17/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.7	0.203	3.5	ug/Kg		05/17/19	LZ	
1,1,2-Trichloroethane	ND	0.7	0.154	3.5	ug/Kg		05/17/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	0.518	3.5	ug/Kg		05/17/19	LZ	
1,1-Dichloroethane	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
1,1-Dichloroethene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
1,1-Dichloropropene	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
1,2,3-Trichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
1,2,3-Trichloropropane	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
1,2,4-Trichlorobenzene	ND	0.7	0.231	3.5	ug/Kg		05/17/19	LZ	
1,2,4-Trimethylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/17/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
1,2-Dibromoethane	ND	0.7	0.084	3.5	ug/Kg		05/17/19	LZ	
1,2-Dichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
1,2-Dichloroethane	ND	0.7	0.098	3.5	ug/Kg		05/17/19	LZ	
1,2-Dichloropropane	ND	0.7	0.238	3.5	ug/Kg		05/17/19	LZ	
1,3,5-Trimethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
1,3-Dichlorobenzene	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
1,3-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
1,4-Dichlorobenzene	ND	0.7	0.168	3.5	ug/Kg		05/17/19	LZ	
2,2-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
2-Butanone (MEK)	**2.9 J**	0.7	0.504	70	ug/Kg		05/17/19	LZ	J
2-Chlorotoluene	ND	0.7	0.175	3.5	ug/Kg		05/17/19	LZ	
4-Chlorotoluene	ND	0.7	0.154	3.5	ug/Kg		05/17/19	LZ	
4-Isopropyltoluene	ND	0.7	0.189	3.5	ug/Kg		05/17/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	0.119	3.5	ug/Kg		05/17/19	LZ	
Acetone	ND	0.7	35	70	ug/Kg		05/17/19	LZ	
Allyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/17/19	LZ	
Benzene	**0.67 J**	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	J
Bromobenzene	ND	0.7	0.21	3.5	ug/Kg		05/17/19	LZ	
Bromochloromethane	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
Bromodichloromethane	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
Bromoform	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
Bromomethane	ND	0.7	0.154	3.5	ug/Kg		05/17/19	LZ	
Carbon Tetrachloride	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
Chlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
Chlorodibromomethane	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
Chloroethane	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
Chloroform	ND	0.7	0.119	3.5	ug/Kg		05/17/19	LZ	
Chloromethane	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
cis-1,2-Dichloroethene	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
cis-1,3-dichloropropene	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 13:15	**Site:**			
Sample #:	**415002-014**	**Client Sample #:**	AOC4-B6-E1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Dibromomethane	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
Dichlorodifluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
Ethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.7	0.294	3.5	ug/Kg		05/17/19	LZ	
Hexachlorobutadiene	ND	0.7	0.294	3.5	ug/Kg		05/17/19	LZ	
Isopropylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/17/19	LZ	
m and p-Xylene	ND	0.7	0.266	3.5	ug/Kg		05/17/19	LZ	
Methylene chloride	ND	0.7	0.147	3.5	ug/Kg		05/17/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.7	0.119	3.5	ug/Kg		05/17/19	LZ	
Naphthalene	ND	0.7	0.112	3.5	ug/Kg		05/17/19	LZ	
N-butylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/17/19	LZ	
N-propylbenzene	ND	0.7	0.154	3.5	ug/Kg		05/17/19	LZ	
o-Xylene	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
Sec-butylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/17/19	LZ	
Styrene	ND	0.7	0.091	3.5	ug/Kg		05/17/19	LZ	
t-Butyl alcohol (TBA)	ND	0.7	6.16	7	ug/Kg		05/17/19	LZ	
Tert-amylmethylether (TAME)	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
Tert-butylbenzene	ND	0.7	0.238	3.5	ug/Kg		05/17/19	LZ	
Tetrachloroethene	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Toluene	**0.23 J**	0.7	0.119	3.5	ug/Kg		05/17/19	LZ	J
trans-1,2-dichloroethene	ND	0.7	0.133	3.5	ug/Kg		05/17/19	LZ	
trans-1,3-dichloropropene	ND	0.7	0.126	3.5	ug/Kg		05/17/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/17/19	LZ	
Trichloroethene	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Trichlorofluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/17/19	LZ	
Vinyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/17/19	LZ	
Xylenes (Total)	ND	0.7	0.266	3.5	ug/Kg		05/17/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*92*	*70-145*	
4-Bromofluorobenzene (SUR)	*111*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*105*	*70-145*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 13:25 **Site:**
Sample #: 415002-015 **Client Sample #:** AOC4-B6-E1-15' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	**1.73 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**8.68**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**136**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.58**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**18.8**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**10.2**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**21.7**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**14.1**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**14.4**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.06 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**38.3**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**46.0**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**30.1**	1	0.022	3	mg/Kg	05/08/19	05/09/19	TW	
TPH Motor Oil	**13.6**	1	2.1	5	mg/Kg	05/08/19	05/09/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*75*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	**1300**	152	36.328	456	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*130*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201815		
1,1,1,2-Tetrachloroethane	ND	378.8	90.912	1894	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	378.8	56.82	1894	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	378.8	109.852	1894	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	378.8	83.336	1894	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	378.8	280.312	1894	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	378.8	87.124	1894	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	378.8	68.184	1894	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	378.8	79.548	1894	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	378.8	68.184	1894	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	378.8	75.76	1894	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	378.8	125.004	1894	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	**54000**	1894	530.292	9469.5	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	378.8	75.76	1894	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	378.8	45.456	1894	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	378.8	68.184	1894	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	378.8	53.032	1894	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	378.8	128.792	1894	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	**11000**	378.8	87.124	1894	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	378.8	79.548	1894	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	378.8	71.972	1894	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	378.8	90.912	1894	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	378.8	71.972	1894	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	ND	378.8	272.736	37880	ug/Kg		05/10/19	LZ	
2-Chlorotoluene	ND	378.8	94.7	1894	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 13:25	**Site:**			
Sample #:	**415002-015**	**Client Sample #:**	AOC4-B6-E1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	378.8	83.336	1894	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	**1300 J**	378.8	102.276	1894	ug/Kg		05/10/19	LZ	J
4-Methyl-2-pentanone (MIBK)	ND	378.8	64.396	1894	ug/Kg		05/10/19	LZ	
Acetone	ND	378.8	18940	37880	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	378.8	53.032	1894	ug/Kg		05/10/19	LZ	
Benzene	ND	378.8	68.184	1894	ug/Kg		05/10/19	LZ	
Bromobenzene	ND	378.8	113.64	1894	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	378.8	68.184	1894	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	378.8	75.76	1894	ug/Kg		05/10/19	LZ	
Bromoform	ND	378.8	71.972	1894	ug/Kg		05/10/19	LZ	
Bromomethane	ND	378.8	83.336	1894	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	378.8	68.184	1894	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	378.8	68.184	1894	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	378.8	71.972	1894	ug/Kg		05/10/19	LZ	
Chloroethane	ND	378.8	75.76	1894	ug/Kg		05/10/19	LZ	
Chloroform	ND	378.8	64.396	1894	ug/Kg		05/10/19	LZ	
Chloromethane	ND	378.8	79.548	1894	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	378.8	75.76	1894	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	378.8	75.76	1894	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	378.8	75.76	1894	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	378.8	79.548	1894	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	378.8	87.124	1894	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	378.8	79.548	1894	ug/Kg		05/10/19	LZ	
Ethylbenzene	**24000**	378.8	87.124	1894	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	378.8	159.096	1894	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	378.8	159.096	1894	ug/Kg		05/10/19	LZ	
Isopropylbenzene	**4500**	378.8	94.7	1894	ug/Kg		05/10/19	LZ	
m and p-Xylene	**24000**	378.8	143.944	1894	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	378.8	79.548	1894	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	378.8	64.396	1894	ug/Kg		05/10/19	LZ	
Naphthalene	**15000**	378.8	60.608	1894	ug/Kg		05/10/19	LZ	
N-butylbenzene	**8000**	378.8	94.7	1894	ug/Kg		05/10/19	LZ	
N-propylbenzene	**16000**	378.8	83.336	1894	ug/Kg		05/10/19	LZ	
o-Xylene	**7300**	378.8	71.972	1894	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	**1800 J**	378.8	106.064	1894	ug/Kg		05/10/19	LZ	J
Styrene	ND	378.8	49.244	1894	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	378.8	3333.44	3788	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	378.8	71.972	1894	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	378.8	128.792	1894	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	378.8	87.124	1894	ug/Kg		05/10/19	LZ	
Toluene	**92 J**	378.8	64.396	1894	ug/Kg		05/10/19	LZ	J
trans-1,2-dichloroethene	ND	378.8	71.972	1894	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	378.8	68.184	1894	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	378.8	75.76	1894	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	378.8	87.124	1894	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	378.8	87.124	1894	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	378.8	53.032	1894	ug/Kg		05/10/19	LZ	
Xylenes (Total)	**31300**	378.8	143.944	1894	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*92*	*70-145*	
4-Bromofluorobenzene (SUR)	*115*	*70-145*	
Dibromofluoromethane (SUR)	*95*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 13:50	**Site:**			
Sample #:	**415002-016**	**Client Sample #:**	AOC4-B6-E1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1202060		
TPH Diesel	**24.6**	1	0.022	3	mg/Kg	05/16/19	05/16/19	TW	B
TPH Motor Oil	**4.53 J**	1	2.1	5	mg/Kg	05/16/19	05/16/19	TW	J
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*67*			*50-150*					
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1202031		
TPH Gasoline	**260**	41	9.799	123	mg/Kg		05/16/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*125*			*60-140*					
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1202089		
1,1,1,2-Tetrachloroethane	ND	204.9	49.176	1024.5	ug/Kg		05/17/19	LZ	
1,1,1-Trichloroethane	ND	204.9	30.735	1024.5	ug/Kg		05/17/19	LZ	
1,1,2,2-Tetrachloroethane	ND	204.9	59.421	1024.5	ug/Kg		05/17/19	LZ	
1,1,2-Trichloroethane	ND	204.9	45.078	1024.5	ug/Kg		05/17/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	204.9	151.626	1024.5	ug/Kg		05/17/19	LZ	
1,1-Dichloroethane	ND	204.9	47.127	1024.5	ug/Kg		05/17/19	LZ	
1,1-Dichloroethene	ND	204.9	36.882	1024.5	ug/Kg		05/17/19	LZ	
1,1-Dichloropropene	ND	204.9	43.029	1024.5	ug/Kg		05/17/19	LZ	
1,2,3-Trichlorobenzene	ND	204.9	36.882	1024.5	ug/Kg		05/17/19	LZ	
1,2,3-Trichloropropane	ND	204.9	40.98	1024.5	ug/Kg		05/17/19	LZ	
1,2,4-Trichlorobenzene	ND	204.9	67.617	1024.5	ug/Kg		05/17/19	LZ	
1,2,4-Trimethylbenzene	**8600**	204.9	57.372	1024.5	ug/Kg		05/17/19	LZ	
1,2-Dibromo-3-chloropropane	ND	204.9	40.98	1024.5	ug/Kg		05/17/19	LZ	
1,2-Dibromoethane	ND	204.9	24.588	1024.5	ug/Kg		05/17/19	LZ	
1,2-Dichlorobenzene	ND	204.9	36.882	1024.5	ug/Kg		05/17/19	LZ	
1,2-Dichloroethane	ND	204.9	28.686	1024.5	ug/Kg		05/17/19	LZ	
1,2-Dichloropropane	ND	204.9	69.666	1024.5	ug/Kg		05/17/19	LZ	
1,3,5-Trimethylbenzene	**1900**	204.9	47.127	1024.5	ug/Kg		05/17/19	LZ	
1,3-Dichlorobenzene	ND	204.9	43.029	1024.5	ug/Kg		05/17/19	LZ	
1,3-Dichloropropane	ND	204.9	38.931	1024.5	ug/Kg		05/17/19	LZ	
1,4-Dichlorobenzene	ND	204.9	49.176	1024.5	ug/Kg		05/17/19	LZ	
2,2-Dichloropropane	ND	204.9	38.931	1024.5	ug/Kg		05/17/19	LZ	
2-Butanone (MEK)	ND	204.9	147.528	20490	ug/Kg		05/17/19	LZ	
2-Chlorotoluene	ND	204.9	51.225	1024.5	ug/Kg		05/17/19	LZ	
4-Chlorotoluene	ND	204.9	45.078	1024.5	ug/Kg		05/17/19	LZ	
4-Isopropyltoluene	**460 J**	204.9	55.323	1024.5	ug/Kg		05/17/19	LZ	J
4-Methyl-2-pentanone (MIBK)	ND	204.9	34.833	1024.5	ug/Kg		05/17/19	LZ	
Acetone	ND	204.9	10245	20490	ug/Kg		05/17/19	LZ	
Allyl Chloride	ND	204.9	28.686	1024.5	ug/Kg		05/17/19	LZ	
Benzene	ND	204.9	36.882	1024.5	ug/Kg		05/17/19	LZ	
Bromobenzene	ND	204.9	61.47	1024.5	ug/Kg		05/17/19	LZ	
Bromochloromethane	ND	204.9	36.882	1024.5	ug/Kg		05/17/19	LZ	
Bromodichloromethane	ND	204.9	40.98	1024.5	ug/Kg		05/17/19	LZ	
Bromoform	ND	204.9	38.931	1024.5	ug/Kg		05/17/19	LZ	
Bromomethane	ND	204.9	45.078	1024.5	ug/Kg		05/17/19	LZ	
Carbon Tetrachloride	ND	204.9	36.882	1024.5	ug/Kg		05/17/19	LZ	
Chlorobenzene	ND	204.9	36.882	1024.5	ug/Kg		05/17/19	LZ	
Chlorodibromomethane	ND	204.9	38.931	1024.5	ug/Kg		05/17/19	LZ	
Chloroethane	ND	204.9	40.98	1024.5	ug/Kg		05/17/19	LZ	
Chloroform	ND	204.9	34.833	1024.5	ug/Kg		05/17/19	LZ	
Chloromethane	ND	204.9	43.029	1024.5	ug/Kg		05/17/19	LZ	
cis-1,2-Dichloroethene	ND	204.9	40.98	1024.5	ug/Kg		05/17/19	LZ	
cis-1,3-dichloropropene	ND	204.9	40.98	1024.5	ug/Kg		05/17/19	LZ	
cis-1,4-dichloro-2-butene	ND	204.9	40.98	1024.5	ug/Kg		05/17/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 13:50	**Site:**			
Sample #:	**415002-016**	**Client Sample #:**	AOC4-B6-E1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Dibromomethane	ND	204.9	43.029	1024.5	ug/Kg		05/17/19	LZ	
Dichlorodifluoromethane	ND	204.9	47.127	1024.5	ug/Kg		05/17/19	LZ	
Di-isopropyl ether (DIPE)	ND	204.9	43.029	1024.5	ug/Kg		05/17/19	LZ	
Ethylbenzene	**5300**	204.9	47.127	1024.5	ug/Kg		05/17/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	204.9	86.058	1024.5	ug/Kg		05/17/19	LZ	
Hexachlorobutadiene	ND	204.9	86.058	1024.5	ug/Kg		05/17/19	LZ	
Isopropylbenzene	**650 J**	204.9	51.225	1024.5	ug/Kg		05/17/19	LZ	J
m and p-Xylene	**13000**	204.9	77.862	1024.5	ug/Kg		05/17/19	LZ	
Methylene chloride	ND	204.9	43.029	1024.5	ug/Kg		05/17/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	204.9	34.833	1024.5	ug/Kg		05/17/19	LZ	
Naphthalene	**1500**	204.9	32.784	1024.5	ug/Kg		05/17/19	LZ	
N-butylbenzene	**840 J**	204.9	51.225	1024.5	ug/Kg		05/17/19	LZ	J
N-propylbenzene	**1600**	204.9	45.078	1024.5	ug/Kg		05/17/19	LZ	
o-Xylene	**6600**	204.9	38.931	1024.5	ug/Kg		05/17/19	LZ	
Sec-butylbenzene	**380 J**	204.9	57.372	1024.5	ug/Kg		05/17/19	LZ	J
Styrene	ND	204.9	26.637	1024.5	ug/Kg		05/17/19	LZ	
t-Butyl alcohol (TBA)	ND	204.9	1803.12	2049	ug/Kg		05/17/19	LZ	
Tert-amylmethylether (TAME)	ND	204.9	38.931	1024.5	ug/Kg		05/17/19	LZ	
Tert-butylbenzene	ND	204.9	69.666	1024.5	ug/Kg		05/17/19	LZ	
Tetrachloroethene	ND	204.9	47.127	1024.5	ug/Kg		05/17/19	LZ	
Toluene	**37 J**	204.9	34.833	1024.5	ug/Kg		05/17/19	LZ	J
trans-1,2-dichloroethene	ND	204.9	38.931	1024.5	ug/Kg		05/17/19	LZ	
trans-1,3-dichloropropene	ND	204.9	36.882	1024.5	ug/Kg		05/17/19	LZ	
trans-1,4-dichloro-2-butene	ND	204.9	40.98	1024.5	ug/Kg		05/17/19	LZ	
Trichloroethene	ND	204.9	47.127	1024.5	ug/Kg		05/17/19	LZ	
Trichlorofluoromethane	ND	204.9	47.127	1024.5	ug/Kg		05/17/19	LZ	
Vinyl Chloride	ND	204.9	28.686	1024.5	ug/Kg		05/17/19	LZ	
Xylenes (Total)	**19600**	204.9	77.862	1024.5	ug/Kg		05/17/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*82*	*70-145*	
4-Bromofluorobenzene (SUR)	*112*	*70-145*	
Dibromofluoromethane (SUR)	*92*	*70-145*	
Toluene-d8 (SUR)	*105*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 15:50	**Site:**			
Sample #:	**415002-017**	**Client Sample #:**	AOC3-B2-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201761		
Antimony	**0.93 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**2.62**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**95.8**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.46 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**12.5**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**8.82**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**11.1**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**0.97 J**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**8.11**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.58 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**32.1**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**42.7**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201809		
Mercury	ND	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201740		
TPH Diesel	**4.61**	1	0.022	3	mg/Kg	05/08/19	05/09/19	TW	
TPH Motor Oil	**3.53 J**	1	2.1	5	mg/Kg	05/08/19	05/09/19	TW	
Surrogate	*% Recovery*			*Limits*		*Notes*			
Triacontane (SUR)	*73*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201660		
TPH Gasoline	ND	1.09	0.26051	3.27	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*		*Notes*			
4-Bromofluorobenzene (SUR)	*95*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	1.3	0.312	6.5	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	1.3	0.195	6.5	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1.3	0.377	6.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	1.3	0.286	6.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1.3	0.962	6.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	1.3	0.299	6.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	1.3	0.234	6.5	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	1.3	0.273	6.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	1.3	0.234	6.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	1.3	0.26	6.5	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	1.3	0.429	6.5	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	**0.69 J**	1.3	0.364	6.5	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1.3	0.26	6.5	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	1.3	0.156	6.5	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	1.3	0.234	6.5	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	1.3	0.182	6.5	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	1.3	0.442	6.5	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	ND	1.3	0.299	6.5	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	1.3	0.273	6.5	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	1.3	0.247	6.5	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	1.3	0.312	6.5	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	1.3	0.247	6.5	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	**3.7 J**	1.3	0.936	130	ug/Kg		05/07/19	LZ	
2-Chlorotoluene	ND	1.3	0.325	6.5	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 15:50	**Site:**			
Sample #:	**415002-017**	**Client Sample #:**	AOC3-B2-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1.3	0.286	6.5	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	1.3	0.351	6.5	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1.3	0.221	6.5	ug/Kg		05/07/19	LZ	
Acetone	ND	1.3	65	130	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	1.3	0.182	6.5	ug/Kg		05/07/19	LZ	
Benzene	ND	1.3	0.234	6.5	ug/Kg		05/07/19	LZ	
Bromobenzene	ND	1.3	0.39	6.5	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	1.3	0.234	6.5	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	1.3	0.26	6.5	ug/Kg		05/07/19	LZ	
Bromoform	ND	1.3	0.247	6.5	ug/Kg		05/07/19	LZ	
Bromomethane	ND	1.3	0.286	6.5	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	1.3	0.234	6.5	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	1.3	0.234	6.5	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	1.3	0.247	6.5	ug/Kg		05/07/19	LZ	
Chloroethane	ND	1.3	0.26	6.5	ug/Kg		05/07/19	LZ	
Chloroform	ND	1.3	0.221	6.5	ug/Kg		05/07/19	LZ	
Chloromethane	ND	1.3	0.273	6.5	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	1.3	0.26	6.5	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	1.3	0.26	6.5	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	1.3	0.26	6.5	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	1.3	0.273	6.5	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	1.3	0.299	6.5	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	1.3	0.273	6.5	ug/Kg		05/07/19	LZ	
Ethylbenzene	**0.33 J**	1.3	0.299	6.5	ug/Kg		05/07/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1.3	0.546	6.5	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	1.3	0.546	6.5	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	1.3	0.325	6.5	ug/Kg		05/07/19	LZ	
m and p-Xylene	ND	1.3	0.494	6.5	ug/Kg		05/07/19	LZ	
Methylene chloride	ND	1.3	0.273	6.5	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1.3	0.221	6.5	ug/Kg		05/07/19	LZ	
Naphthalene	**0.42 J**	1.3	0.208	6.5	ug/Kg		05/07/19	LZ	
N-butylbenzene	ND	1.3	0.325	6.5	ug/Kg		05/07/19	LZ	
N-propylbenzene	ND	1.3	0.286	6.5	ug/Kg		05/07/19	LZ	
o-Xylene	ND	1.3	0.247	6.5	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	ND	1.3	0.364	6.5	ug/Kg		05/07/19	LZ	
Styrene	ND	1.3	0.169	6.5	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	ND	1.3	11.44	13	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	1.3	0.247	6.5	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	1.3	0.442	6.5	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	1.3	0.299	6.5	ug/Kg		05/07/19	LZ	
Toluene	**0.40 J**	1.3	0.221	6.5	ug/Kg		05/07/19	LZ	
trans-1,2-dichloroethene	ND	1.3	0.247	6.5	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	1.3	0.234	6.5	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	1.3	0.26	6.5	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	1.3	0.299	6.5	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	1.3	0.299	6.5	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	1.3	0.182	6.5	ug/Kg		05/07/19	LZ	
Xylenes (Total)	ND	1.3	0.494	6.5	ug/Kg		05/07/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*90*	*70-145*	
4-Bromofluorobenzene (SUR)	*116*	*70-145*	
Dibromofluoromethane (SUR)	*90*	*70-145*	
Toluene-d8 (SUR)	*106*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 16:03	**Site:**			
Sample #:	**415002-018**	**Client Sample #:**	AOC3-B2-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 16:15	**Site:**			
Sample #:	**415002-019**	**Client Sample #:**	AOC3-B2-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	**2.32 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**2.15**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**128**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.44 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**16.0**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**10.6**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**14.7**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**1.09**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**10.8**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.10 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**42.2**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**49.6**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	ND	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**2.36 J**	1	0.022	3	mg/Kg	05/08/19	05/09/19	TW	
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/08/19	05/09/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*76*			*50-150*					
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	ND	0.94	0.22466	2.82	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*95*			*60-140*					
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201699		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/07/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/07/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/07/19	LZ	
1,2,4-Trimethylbenzene	**0.41 J**	0.9	0.252	4.5	ug/Kg		05/07/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/07/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/07/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/07/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/07/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
2-Butanone (MEK)	**2.7 J**	0.9	0.648	90	ug/Kg		05/07/19	LZ	
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/07/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 16:15	**Site:**			
Sample #:	**415002-019**	**Client Sample #:**	AOC3-B2-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/07/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
Acetone	ND	0.9	45	90	ug/Kg		05/07/19	LZ	
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/07/19	LZ	
Benzene	**3.0 J**	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/07/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
Ethylbenzene	**0.61 J**	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/07/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/07/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/07/19	LZ	
m and p-Xylene	**0.77 J**	0.9	0.342	4.5	ug/Kg		05/07/19	LZ	
Methylene chloride	**7.1**	0.9	0.189	4.5	ug/Kg		05/07/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
Naphthalene	**0.47 J**	0.9	0.144	4.5	ug/Kg		05/07/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/07/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/07/19	LZ	
o-Xylene	**0.35 J**	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/07/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/07/19	LZ	
t-Butyl alcohol (TBA)	ND	0.9	7.92	9	ug/Kg		05/07/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/07/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Toluene	**3.0 J**	0.9	0.153	4.5	ug/Kg		05/07/19	LZ	
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/07/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/07/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/07/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/07/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/07/19	LZ	
Xylenes (Total)	**1.12 J**	0.9	0.342	4.5	ug/Kg		05/07/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*94*	*70-145*	
4-Bromofluorobenzene (SUR)	*115*	*70-145*	
Dibromofluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*101*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 16:30	**Site:**			
Sample #:	**415002-020**	**Client Sample #:**	AOC3-B2-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 16:40	**Site:**			
Sample #:	**415002-021**	**Client Sample #:**	AOC3-B1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201761		
Antimony	**0.48 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**0.87 J**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	J
Barium	**108**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.48 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**13.5**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**9.30**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**13.5**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**5.99**	1	0.32	1	mg/Kg	05/08/19	05/13/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**9.01**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.06 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**34.1**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**56.5**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201809		
Mercury	ND	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201740		
TPH Diesel	**4.04**	1	0.022	3	mg/Kg	05/08/19	05/09/19	TW	
TPH Motor Oil	**3.32 J**	1	2.1	5	mg/Kg	05/08/19	05/09/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*82*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201660		
TPH Gasoline	ND	1.14	0.27246	3.42	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*90*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201815		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/09/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/09/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/09/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/09/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/09/19	LZ	
1,2,4-Trimethylbenzene	**0.42 J**	0.9	0.252	4.5	ug/Kg		05/09/19	LZ	J
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/09/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/09/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/09/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/09/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
2-Butanone (MEK)	**2.3 J**	0.9	0.648	90	ug/Kg		05/09/19	LZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/09/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 16:40	**Site:**			
Sample #:	**415002-021**	**Client Sample #:**	AOC3-B1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/09/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	
Acetone	ND	0.9	45	90	ug/Kg		05/09/19	LZ	
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/09/19	LZ	
Benzene	**0.54 J**	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/09/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
Ethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/09/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/09/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/09/19	LZ	
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		05/09/19	LZ	
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/09/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/09/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/09/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/09/19	LZ	
t-Butyl alcohol (TBA)	ND	0.9	7.92	9	ug/Kg		05/09/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/09/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Toluene	**0.33 J**	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Trichlorofluoromethane	**0.35 J**	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	J
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/09/19	LZ	
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		05/09/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*91*	*70-145*	
4-Bromofluorobenzene (SUR)	*112*	*70-145*	
Dibromofluoromethane (SUR)	*94*	*70-145*	
Toluene-d8 (SUR)	*106*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 16:50	**Site:**			
Sample #:	**415002-022**	**Client Sample #:**	AOC3-B1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 17:00 **Site:**
Sample #: 415002-023 **Client Sample #:** AOC3-B1-15' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	ND	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	
Arsenic	**2.74**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**109**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.46 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**16.9**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**10.4**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**15.3**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**3.18**	1	0.32	1	mg/Kg	05/08/19	05/13/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**11.3**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.53 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**40.9**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**50.3**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**2.62 J**	1	0.022	3	mg/Kg	05/08/19	05/09/19	TW	
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/08/19	05/09/19	TW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*70*		*50-150*						
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	ND	0.93	0.22227	2.79	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*100*		*60-140*						
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201765		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/08/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/08/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/08/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/08/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/08/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/08/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/08/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/08/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/08/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/08/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
2-Butanone (MEK)	ND	0.8	0.576	80	ug/Kg		05/08/19	LZ	
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/08/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 17:00	**Site:**			
Sample #:	**415002-023**	**Client Sample #:**	AOC3-B1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/08/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/08/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/08/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/08/19	LZ	
Benzene	**1.8 J**	0.8	0.144	4	ug/Kg		05/08/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/08/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/08/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/08/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/08/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/08/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/08/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/08/19	LZ	
Methylene chloride	**0.66 J**	0.8	0.168	4	ug/Kg		05/08/19	LZ	J
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/08/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/08/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/08/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/08/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/08/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/08/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/08/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/08/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Toluene	**0.93 J**	0.8	0.136	4	ug/Kg		05/08/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/08/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/08/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/08/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/08/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/08/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/08/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*91*	*70-145*	
4-Bromofluorobenzene (SUR)	*119*	*70-145*	
Dibromofluoromethane (SUR)	*94*	*70-145*	
Toluene-d8 (SUR)	*105*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 17:14	**Site:**			
Sample #:	**415002-024**	**Client Sample #:**	AOC3-B1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 17:30	**Site:**			
Sample #:	**415002-025**	**Client Sample #:**	AOC3-B3-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	**4.42**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	
Arsenic	**1.81**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**106**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.47 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**13.1**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**9.76**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**13.5**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**2.83**	1	0.32	1	mg/Kg	05/08/19	05/13/19	KLN	
Molybdenum	**1.20**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**8.96**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.92 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**34.9**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**43.0**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**2.30 J**	1	0.022	3	mg/Kg	05/08/19	05/09/19	TW	
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/08/19	05/09/19	TW	

Surrogate	*% Recovery*	*Limits*	*Notes*
Triacontane (SUR)	*72*	*50-150*	

Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	ND	0.89	0.21271	2.67	mg/Kg		05/07/19	EW	

Surrogate	*% Recovery*	*Limits*	*Notes*
4-Bromofluorobenzene (SUR)	*100*	*60-140*	

Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201765		
1,1,1,2-Tetrachloroethane	ND	1.1	0.264	5.5	ug/Kg		05/08/19	LZ	
1,1,1-Trichloroethane	ND	1.1	0.165	5.5	ug/Kg		05/08/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1.1	0.319	5.5	ug/Kg		05/08/19	LZ	
1,1,2-Trichloroethane	ND	1.1	0.242	5.5	ug/Kg		05/08/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1.1	0.814	5.5	ug/Kg		05/08/19	LZ	
1,1-Dichloroethane	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
1,1-Dichloroethene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
1,1-Dichloropropene	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
1,2,3-Trichlorobenzene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
1,2,3-Trichloropropane	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
1,2,4-Trichlorobenzene	ND	1.1	0.363	5.5	ug/Kg		05/08/19	LZ	
1,2,4-Trimethylbenzene	ND	1.1	0.308	5.5	ug/Kg		05/08/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
1,2-Dibromoethane	ND	1.1	0.132	5.5	ug/Kg		05/08/19	LZ	
1,2-Dichlorobenzene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
1,2-Dichloroethane	ND	1.1	0.154	5.5	ug/Kg		05/08/19	LZ	
1,2-Dichloropropane	ND	1.1	0.374	5.5	ug/Kg		05/08/19	LZ	
1,3,5-Trimethylbenzene	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
1,3-Dichlorobenzene	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
1,3-Dichloropropane	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
1,4-Dichlorobenzene	ND	1.1	0.264	5.5	ug/Kg		05/08/19	LZ	
2,2-Dichloropropane	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
2-Butanone (MEK)	**4.1 J**	1.1	0.792	110	ug/Kg		05/08/19	LZ	J
2-Chlorotoluene	ND	1.1	0.275	5.5	ug/Kg		05/08/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 17:30	**Site:**			
Sample #:	**415002-025**	**Client Sample #:**	AOC3-B3-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1.1	0.242	5.5	ug/Kg		05/08/19	LZ	
4-Isopropyltoluene	ND	1.1	0.297	5.5	ug/Kg		05/08/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1.1	0.187	5.5	ug/Kg		05/08/19	LZ	
Acetone	**370**	1.1	55	110	ug/Kg		05/08/19	LZ	
Allyl Chloride	ND	1.1	0.154	5.5	ug/Kg		05/08/19	LZ	
Benzene	**2.3 J**	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	J
Bromobenzene	ND	1.1	0.33	5.5	ug/Kg		05/08/19	LZ	
Bromochloromethane	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
Bromodichloromethane	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
Bromoform	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
Bromomethane	ND	1.1	0.242	5.5	ug/Kg		05/08/19	LZ	
Carbon Tetrachloride	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
Chlorobenzene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
Chlorodibromomethane	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
Chloroethane	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
Chloroform	ND	1.1	0.187	5.5	ug/Kg		05/08/19	LZ	
Chloromethane	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
cis-1,2-Dichloroethene	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
cis-1,3-dichloropropene	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
cis-1,4-dichloro-2-butene	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
Dibromomethane	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
Dichlorodifluoromethane	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Di-isopropyl ether (DIPE)	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
Ethylbenzene	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1.1	0.462	5.5	ug/Kg		05/08/19	LZ	
Hexachlorobutadiene	ND	1.1	0.462	5.5	ug/Kg		05/08/19	LZ	
Isopropylbenzene	ND	1.1	0.275	5.5	ug/Kg		05/08/19	LZ	
m and p-Xylene	ND	1.1	0.418	5.5	ug/Kg		05/08/19	LZ	
Methylene chloride	**3.6 J**	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	J
Methyl-t-butyl Ether (MTBE)	ND	1.1	0.187	5.5	ug/Kg		05/08/19	LZ	
Naphthalene	ND	1.1	0.176	5.5	ug/Kg		05/08/19	LZ	
N-butylbenzene	ND	1.1	0.275	5.5	ug/Kg		05/08/19	LZ	
N-propylbenzene	ND	1.1	0.242	5.5	ug/Kg		05/08/19	LZ	
o-Xylene	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
Sec-butylbenzene	ND	1.1	0.308	5.5	ug/Kg		05/08/19	LZ	
Styrene	ND	1.1	0.143	5.5	ug/Kg		05/08/19	LZ	
t-Butyl alcohol (TBA)	**10 J**	1.1	9.68	11	ug/Kg		05/08/19	LZ	J
Tert-amylmethylether (TAME)	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
Tert-butylbenzene	ND	1.1	0.374	5.5	ug/Kg		05/08/19	LZ	
Tetrachloroethene	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Toluene	**1.2 J**	1.1	0.187	5.5	ug/Kg		05/08/19	LZ	J
trans-1,2-dichloroethene	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
trans-1,3-dichloropropene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
trans-1,4-dichloro-2-butene	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
Trichloroethene	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Trichlorofluoromethane	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Vinyl Chloride	ND	1.1	0.154	5.5	ug/Kg		05/08/19	LZ	
Xylenes (Total)	ND	1.1	0.418	5.5	ug/Kg		05/08/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*91*	*70-145*	
4-Bromofluorobenzene (SUR)	*114*	*70-145*	
Dibromofluoromethane (SUR)	*92*	*70-145*	
Toluene-d8 (SUR)	*106*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 17:37	**Site:**			
Sample #:	**415002-026**	**Client Sample #:**	AOC3-B3-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 17:55 **Site:**
Sample #: 415002-027 **Client Sample #:** AOC3-B3-15' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201761		
Antimony	**2.74 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**1.24**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**129**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.54**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**16.7**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**10.5**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**16.6**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**0.88 J**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Molybdenum	**1.29**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**11.4**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.45 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**41.7**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**50.2**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201809		
Mercury	**0.07 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201740		
TPH Diesel	**1.90 J**	1	0.022	3	mg/Kg	05/08/19	05/09/19	TW	
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/08/19	05/09/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*56*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201660		
TPH Gasoline	ND	0.83	0.19837	2.49	mg/Kg		05/07/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201765		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/08/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/08/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/08/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/08/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/08/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/08/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/08/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/08/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/08/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/08/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/08/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/08/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/08/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/08/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/08/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/08/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/08/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/08/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/08/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/08/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/08/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/08/19	LZ	
2-Butanone (MEK)	**3.6 J**	0.9	0.648	90	ug/Kg		05/08/19	LZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/08/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 17:55	**Site:**			
Sample #:	**415002-027**	**Client Sample #:**	AOC3-B3-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/08/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/08/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/08/19	LZ	
Acetone	**83 J**	0.9	45	90	ug/Kg		05/08/19	LZ	J
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/08/19	LZ	
Benzene	**1.8 J**	0.9	0.162	4.5	ug/Kg		05/08/19	LZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/08/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/08/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/08/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/08/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/08/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/08/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/08/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/08/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/08/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/08/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/08/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/08/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/08/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/08/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/08/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/08/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/08/19	LZ	
Ethylbenzene	**0.23 J**	0.9	0.207	4.5	ug/Kg		05/08/19	LZ	J
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/08/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/08/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/08/19	LZ	
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		05/08/19	LZ	
Methylene chloride	**8.3**	0.9	0.189	4.5	ug/Kg		05/08/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/08/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/08/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/08/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/08/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/08/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/08/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/08/19	LZ	
t-Butyl alcohol (TBA)	ND	0.9	7.92	9	ug/Kg		05/08/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/08/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/08/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/08/19	LZ	
Toluene	**1.4 J**	0.9	0.153	4.5	ug/Kg		05/08/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/08/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/08/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/08/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/08/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/08/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/08/19	LZ	
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		05/08/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*92*	*70-145*	
4-Bromofluorobenzene (SUR)	*120*	*70-145*	
Dibromofluoromethane (SUR)	*95*	*70-145*	
Toluene-d8 (SUR)	*104*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 18:02	**Site:**			
Sample #:	**415002-028**	**Client Sample #:**	AOC3-B3-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019 16:10	**Site:**			
Sample #:	**415002-029**	**Client Sample #:**	AOC1-E-B23-0.5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201761		
Lead	**22.9**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019	**Site:**			
Sample #:	**415002-030**	**Client Sample #:**	DUP-16	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201761		
Antimony	**0.96 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**1.07**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**96.8**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.46 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**13.7**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**7.74**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**14.5**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**15.6**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**8.74**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.92 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Vanadium	**31.6**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**50.2**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201809		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/09/19	05/09/19	JP	J
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201740		
TPH Diesel	**3.82**	1	0.022	3	mg/Kg	05/08/19	05/09/19	TW	
TPH Motor Oil	**3.53 J**	1	2.1	5	mg/Kg	05/08/19	05/09/19	TW	

Surrogate	*% Recovery*	*Limits*	*Notes*
Triacontane (SUR)	*74*	*50-150*	

Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201660		
TPH Gasoline	ND	1.16	0.27724	3.48	mg/Kg		05/07/19	EW	

Surrogate	*% Recovery*	*Limits*	*Notes*
4-Bromofluorobenzene (SUR)	*85*	*60-140*	

Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201765		
1,1,1,2-Tetrachloroethane	ND	1.1	0.264	5.5	ug/Kg		05/08/19	LZ	
1,1,1-Trichloroethane	ND	1.1	0.165	5.5	ug/Kg		05/08/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1.1	0.319	5.5	ug/Kg		05/08/19	LZ	
1,1,2-Trichloroethane	ND	1.1	0.242	5.5	ug/Kg		05/08/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1.1	0.814	5.5	ug/Kg		05/08/19	LZ	
1,1-Dichloroethane	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
1,1-Dichloroethene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
1,1-Dichloropropene	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
1,2,3-Trichlorobenzene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
1,2,3-Trichloropropane	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
1,2,4-Trichlorobenzene	ND	1.1	0.363	5.5	ug/Kg		05/08/19	LZ	
1,2,4-Trimethylbenzene	ND	1.1	0.308	5.5	ug/Kg		05/08/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
1,2-Dibromoethane	ND	1.1	0.132	5.5	ug/Kg		05/08/19	LZ	
1,2-Dichlorobenzene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
1,2-Dichloroethane	ND	1.1	0.154	5.5	ug/Kg		05/08/19	LZ	
1,2-Dichloropropane	ND	1.1	0.374	5.5	ug/Kg		05/08/19	LZ	
1,3,5-Trimethylbenzene	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
1,3-Dichlorobenzene	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
1,3-Dichloropropane	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
1,4-Dichlorobenzene	ND	1.1	0.264	5.5	ug/Kg		05/08/19	LZ	
2,2-Dichloropropane	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
2-Butanone (MEK)	**5.1 J**	1.1	0.792	110	ug/Kg		05/08/19	LZ	J
2-Chlorotoluene	ND	1.1	0.275	5.5	ug/Kg		05/08/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019	**Site:**			
Sample #:	**415002-030**	**Client Sample #:**	DUP-16	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1.1	0.242	5.5	ug/Kg		05/08/19	LZ	
4-Isopropyltoluene	ND	1.1	0.297	5.5	ug/Kg		05/08/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1.1	0.187	5.5	ug/Kg		05/08/19	LZ	
Acetone	ND	1.1	55	110	ug/Kg		05/08/19	LZ	
Allyl Chloride	ND	1.1	0.154	5.5	ug/Kg		05/08/19	LZ	
Benzene	**1.7 J**	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	J
Bromobenzene	ND	1.1	0.33	5.5	ug/Kg		05/08/19	LZ	
Bromochloromethane	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
Bromodichloromethane	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
Bromoform	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
Bromomethane	ND	1.1	0.242	5.5	ug/Kg		05/08/19	LZ	
Carbon Tetrachloride	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
Chlorobenzene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
Chlorodibromomethane	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
Chloroethane	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
Chloroform	ND	1.1	0.187	5.5	ug/Kg		05/08/19	LZ	
Chloromethane	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
cis-1,2-Dichloroethene	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
cis-1,3-dichloropropene	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
cis-1,4-dichloro-2-butene	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
Dibromomethane	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
Dichlorodifluoromethane	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Di-isopropyl ether (DIPE)	ND	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	
Ethylbenzene	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1.1	0.462	5.5	ug/Kg		05/08/19	LZ	
Hexachlorobutadiene	ND	1.1	0.462	5.5	ug/Kg		05/08/19	LZ	
Isopropylbenzene	ND	1.1	0.275	5.5	ug/Kg		05/08/19	LZ	
m and p-Xylene	ND	1.1	0.418	5.5	ug/Kg		05/08/19	LZ	
Methylene chloride	**1.9 J**	1.1	0.231	5.5	ug/Kg		05/08/19	LZ	J
Methyl-t-butyl Ether (MTBE)	ND	1.1	0.187	5.5	ug/Kg		05/08/19	LZ	
Naphthalene	ND	1.1	0.176	5.5	ug/Kg		05/08/19	LZ	
N-butylbenzene	ND	1.1	0.275	5.5	ug/Kg		05/08/19	LZ	
N-propylbenzene	ND	1.1	0.242	5.5	ug/Kg		05/08/19	LZ	
o-Xylene	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
Sec-butylbenzene	ND	1.1	0.308	5.5	ug/Kg		05/08/19	LZ	
Styrene	ND	1.1	0.143	5.5	ug/Kg		05/08/19	LZ	
t-Butyl alcohol (TBA)	**18**	1.1	9.68	11	ug/Kg		05/08/19	LZ	
Tert-amylmethylether (TAME)	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
Tert-butylbenzene	ND	1.1	0.374	5.5	ug/Kg		05/08/19	LZ	
Tetrachloroethene	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Toluene	**1.1 J**	1.1	0.187	5.5	ug/Kg		05/08/19	LZ	J
trans-1,2-dichloroethene	ND	1.1	0.209	5.5	ug/Kg		05/08/19	LZ	
trans-1,3-dichloropropene	ND	1.1	0.198	5.5	ug/Kg		05/08/19	LZ	
trans-1,4-dichloro-2-butene	ND	1.1	0.22	5.5	ug/Kg		05/08/19	LZ	
Trichloroethene	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Trichlorofluoromethane	ND	1.1	0.253	5.5	ug/Kg		05/08/19	LZ	
Vinyl Chloride	ND	1.1	0.154	5.5	ug/Kg		05/08/19	LZ	
Xylenes (Total)	ND	1.1	0.418	5.5	ug/Kg		05/08/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*93*	*70-145*	
4-Bromofluorobenzene (SUR)	*117*	*70-145*	
Dibromofluoromethane (SUR)	*97*	*70-145*	
Toluene-d8 (SUR)	*104*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019	**Site:**			
Sample #:	**415002-031**	**Client Sample #:**	DUP-17	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019	**Site:**			
Sample #:	**415002-032**	**Client Sample #:**	EB-050619A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3010A						QCBatchID: QC1201692		
Antimony	**0.018 J**	1	0.014	0.04	mg/L	05/07/19	05/08/19	KLN	
Arsenic	ND	1	0.008	0.01	mg/L	05/07/19	05/08/19	KLN	
Barium	ND	1	0.002	0.01	mg/L	05/07/19	05/08/19	KLN	
Beryllium	ND	1	0.001	0.005	mg/L	05/07/19	05/08/19	KLN	
Cadmium	ND	1	0.001	0.005	mg/L	05/07/19	05/08/19	KLN	
Chromium	ND	1	0.002	0.01	mg/L	05/07/19	05/08/19	KLN	
Cobalt	ND	1	0.001	0.005	mg/L	05/07/19	05/08/19	KLN	
Copper	**0.026**	1	0.004	0.01	mg/L	05/07/19	05/08/19	KLN	
Lead	ND	1	0.005	0.01	mg/L	05/07/19	05/08/19	KLN	
Molybdenum	ND	1	0.005	0.01	mg/L	05/07/19	05/08/19	KLN	
Nickel	ND	1	0.003	0.02	mg/L	05/07/19	05/08/19	KLN	
Selenium	ND	1	0.016	0.03	mg/L	05/07/19	05/08/19	KLN	
Silver	ND	1	0.003	0.005	mg/L	05/07/19	05/08/19	KLN	
Thallium	ND	1	0.009	0.05	mg/L	05/07/19	05/08/19	KLN	
Vanadium	ND	1	0.002	0.005	mg/L	05/07/19	05/08/19	KLN	
Zinc	ND	1	0.007	0.05	mg/L	05/07/19	05/08/19	KLN	
Method: EPA 7470A NELAC	Prep Method: Method						QCBatchID: QC1201709		
Mercury	ND	1	0.094	0.4	ug/L	05/07/19	05/07/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3510C						QCBatchID: QC1201730		
TPH Diesel	ND	1	0.04	0.1	mg/L	05/07/19	05/08/19	TW	
TPH Motor Oil	ND	1	0.07	0.3	mg/L	05/07/19	05/08/19	TW	

Surrogate	*% Recovery*	*Limits*	*Notes*
Triacontane (SUR)	*80*	*50-150*	

Method: EPA 8015B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201428		
TPH Gasoline	ND	1	16	50	ug/L		05/11/19	EW	

Surrogate	*% Recovery*	*Limits*	*Notes*
4-Bromofluorobenzene (SUR)	*102*	*60-140*	

Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	**8.0 J**	1	0.78	100	ug/L		05/10/19	LZ	J
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019	**Site:**			
Sample #:	**415002-032**	**Client Sample #:**	EB-050619A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	**7.5 J**	1	5.2	10	ug/L		05/10/19	LZ	J
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*92*	*70-145*	
4-Bromofluorobenzene (SUR)	*116*	*70-145*	
Dibromofluoromethane (SUR)	*97*	*70-145*	
Toluene-d8 (SUR)	*103*	*70-145*	

Matrix: Water **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 **Site:**
Sample #: 415002-033 **Client Sample #:** EB-050619B **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3010A							QCBatchID: QC1201692		
Antimony	ND	1	0.014	0.04	mg/L	05/07/19	05/08/19	KLN	
Arsenic	ND	1	0.008	0.01	mg/L	05/07/19	05/08/19	KLN	
Barium	ND	1	0.002	0.01	mg/L	05/07/19	05/08/19	KLN	
Beryllium	ND	1	0.001	0.005	mg/L	05/07/19	05/08/19	KLN	
Cadmium	ND	1	0.001	0.005	mg/L	05/07/19	05/08/19	KLN	
Chromium	ND	1	0.002	0.01	mg/L	05/07/19	05/08/19	KLN	
Cobalt	ND	1	0.001	0.005	mg/L	05/07/19	05/08/19	KLN	
Copper	**0.017**	1	0.004	0.01	mg/L	05/07/19	05/08/19	KLN	
Lead	ND	1	0.005	0.01	mg/L	05/07/19	05/08/19	KLN	
Molybdenum	ND	1	0.005	0.01	mg/L	05/07/19	05/08/19	KLN	
Nickel	ND	1	0.003	0.02	mg/L	05/07/19	05/08/19	KLN	
Selenium	ND	1	0.016	0.03	mg/L	05/07/19	05/08/19	KLN	
Silver	ND	1	0.003	0.005	mg/L	05/07/19	05/08/19	KLN	
Thallium	ND	1	0.009	0.05	mg/L	05/07/19	05/08/19	KLN	
Vanadium	ND	1	0.002	0.005	mg/L	05/07/19	05/08/19	KLN	
Zinc	ND	1	0.007	0.05	mg/L	05/07/19	05/08/19	KLN	
Method: EPA 7470A NELAC Prep Method: Method							QCBatchID: QC1201709		
Mercury	ND	1	0.094	0.4	ug/L	05/07/19	05/07/19	JP	
Method: EPA 8015B NELAC Prep Method: EPA 3510C							QCBatchID: QC1201730		
TPH Diesel	**0.05 J**	1	0.04	0.1	mg/L	05/07/19	05/08/19	TW	J
TPH Motor Oil	ND	1	0.07	0.3	mg/L	05/07/19	05/08/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*80*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5030B							QCBatchID: QC1201428		
TPH Gasoline	ND	1	16	50	ug/L		05/11/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*103*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5030B							QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	**7.5 J**	1	0.78	100	ug/L		05/10/19	LZ	J
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019	**Site:**			
Sample #:	**415002-033**	**Client Sample #:**	EB-050619B	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*94*	*70-145*	
4-Bromofluorobenzene (SUR)	*117*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*103*	*70-145*	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019	**Site:**			
Sample #:	**415002-034**	**Client Sample #:**	EB-050619C	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3010A							QCBatchID: QC1201692		
Lead	ND	1	0.005	0.01	mg/L	05/07/19	05/08/19	KLN	
Method: EPA 8081A *NELAC* Prep Method: EPA 3510C							QCBatchID: QC1201859		
4,4'-DDD	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
4,4'-DDE	ND	1	0.006	0.1	ug/L	05/10/19	05/10/19	MTS	
4,4'-DDT	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
a-BHC	ND	1	0.002	0.1	ug/L	05/10/19	05/10/19	MTS	
Aldrin	ND	1	0.007	0.1	ug/L	05/10/19	05/10/19	MTS	
b-BHC	ND	1	0.003	0.1	ug/L	05/10/19	05/10/19	MTS	
Chlordane (technical)	ND	1	0.27	1	ug/L	05/10/19	05/10/19	MTS	
d-BHC	ND	1	0.006	0.1	ug/L	05/10/19	05/10/19	MTS	
Dieldrin	ND	1	0.006	0.1	ug/L	05/10/19	05/10/19	MTS	
Endosulfan I	ND	1	0.004	0.1	ug/L	05/10/19	05/10/19	MTS	
Endosulfan II	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
Endosulfan sulfate	ND	1	0.012	0.1	ug/L	05/10/19	05/10/19	MTS	
Endrin	ND	1	0.008	0.1	ug/L	05/10/19	05/10/19	MTS	
Endrin aldehyde	ND	1	0.009	0.1	ug/L	05/10/19	05/10/19	MTS	
Endrin Ketone	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
Heptachlor	ND	1	0.003	0.1	ug/L	05/10/19	05/10/19	MTS	
Heptachlor epoxide	ND	1	0.002	0.1	ug/L	05/10/19	05/10/19	MTS	
Lindane (Gamma-BHC)	ND	1	0.002	0.1	ug/L	05/10/19	05/10/19	MTS	
Methoxychlor	ND	1	0.055	0.1	ug/L	05/10/19	05/10/19	MTS	
Toxaphene	ND	1	0.48	2	ug/L	05/10/19	05/10/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*69*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*63*	*50-150*	

Matrix: Water	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/06/2019	**Site:**				
Sample #: 415002-035	**Client Sample #:** Trip Blank A		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8260B NELAC Prep Method: EPA 5030B							QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/10/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/06/2019	**Site:**			
Sample #:	**415002-035**	**Client Sample #:**	Trip Blank A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*90*	*70-145*	
4-Bromofluorobenzene (SUR)	*114*	*70-145*	
Dibromofluoromethane (SUR)	*95*	*70-145*	
Toluene-d8 (SUR)	*103*	*70-145*	

Matrix: Water	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/06/2019	**Site:**				
Sample #: 415002-036	**Client Sample #:** Trip Blank B		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8260B NELAC Prep Method: EPA 5030B							QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/10/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	

Matrix: Water **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 **Site:**
Sample #: 415002-036 **Client Sample #:** Trip Blank B **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*91*	*70-145*	
4-Bromofluorobenzene (SUR)	*114*	*70-145*	
Dibromofluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*103*	*70-145*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/06/2019 **Site:**
Sample #: 415002-037 **Client Sample #:** CG9-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201886		
4,4'-DDD	ND	2	4.2	10	ug/Kg	05/10/19	05/11/19	MTS	D2
4,4'-DDE	ND	2	4	10	ug/Kg	05/10/19	05/11/19	MTS	D2
4,4'-DDT	ND	2	4	10	ug/Kg	05/10/19	05/11/19	MTS	D2
a-BHC	ND	2	3.2	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Aldrin	ND	2	3	10	ug/Kg	05/10/19	05/11/19	MTS	D2
b-BHC	ND	2	3	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Chlordane (technical)	ND	2	70	100	ug/Kg	05/10/19	05/11/19	MTS	D2
d-BHC	ND	2	2.4	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Dieldrin	ND	2	4.2	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Endosulfan I	ND	2	2.4	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Endosulfan II	ND	2	5.6	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Endrin	ND	2	5.4	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Heptachlor	ND	2	2.6	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/10/19	05/11/19	MTS	D2
Methoxychlor	ND	2	18.4	20	ug/Kg	05/10/19	05/11/19	MTS	D2
Toxaphene	ND	2	108	200	ug/Kg	05/10/19	05/11/19	MTS	D2

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*57*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*69*	*50-150*	

QCBatchID: QC1201428 **Analyst:** sandyw **Method:** EPA 8015B

Matrix: Water **Analyzed:** 05/10/2019 **Instrument:** VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201428MB1					
TPH (C6 to C12)	ND	ug/L	16	50	
TPH Gasoline	ND	ug/L	16	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201428LCS1, QC1201428LCSD1											
TPH Gasoline	500	500	510	540	ug/L	102	108	6	70-130	30	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201428MS1, QC1201428MSD1												**Source: 415037-001**
TPH Gasoline	ND	500	500	500	500	ug/L	100	100	0.0	70-130	30	

QCBatchID:	**QC1201660**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/07/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201660MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201660LCS1, QC1201660LCSD1											
TPH Gasoline	5	5	5.7	5.7	mg/Kg	114	114	0	70-130	20	

QCBatchID: QC1201692 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/07/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result		Units	MDL	RDL	Notes
QC1201692MB1						
Antimony	**0.018**	**J**	mg/L	0.014	0.04	
Arsenic	ND		mg/L	0.008	0.01	
Barium	ND		mg/L	0.002	0.01	
Beryllium	ND		mg/L	0.001	0.005	
Cadmium	**0.004**	**J**	mg/L	0.001	0.005	
Chromium	ND		mg/L	0.002	0.01	
Cobalt	ND		mg/L	0.001	0.005	
Copper	**0.009**	**J**	mg/L	0.004	0.01	
Lead	**0.008**	**J**	mg/L	0.005	0.01	
Molybdenum	ND		mg/L	0.005	0.01	
Nickel	ND		mg/L	0.003	0.02	
Selenium	ND		mg/L	0.016	0.03	
Silver	ND		mg/L	0.003	0.005	
Thallium	ND		mg/L	0.009	0.05	
Vanadium	ND		mg/L	0.002	0.005	
Zinc	**0.016**	**J**	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201692LCS1											
Antimony	2		1.92		mg/L	96			80-120		
Arsenic	2		1.86		mg/L	93			80-120		
Barium	2		2.18		mg/L	109			80-120		
Beryllium	2		2.13		mg/L	107			80-120		
Cadmium	2		2.07		mg/L	104			80-120		
Chromium	2		2.08		mg/L	104			80-120		
Cobalt	2		2.15		mg/L	108			80-120		
Copper	2		2.31		mg/L	116			80-120		
Lead	2		1.88		mg/L	94			80-120		
Molybdenum	2		2.11		mg/L	106			80-120		
Nickel	2		2.07		mg/L	104			80-120		
Selenium	2		1.76		mg/L	88			80-120		
Silver	2		1.80		mg/L	90			80-120		
Thallium	2		1.86		mg/L	93			80-120		
Vanadium	2		2.22		mg/L	111			80-120		
Zinc	2		2.17		mg/L	109			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1201692MS1, QC1201692MSD1												**Source: 414984-001**
Antimony	ND	1	1	0.927	0.975	mg/L	93	98	5.0	75-125	20	
Arsenic	ND	1	1	0.915	0.943	mg/L	92	94	3.0	75-125	20	
Barium	0.004	1	1	1.01	1.09	mg/L	101	109	7.6	75-125	20	
Beryllium	ND	1	1	0.959	1.02	mg/L	96	102	6.2	75-125	20	
Cadmium	ND	1	1	0.967	1.04	mg/L	97	104	7.3	75-125	20	
Chromium	0.006	1	1	0.959	1.03	mg/L	95	102	7.1	75-125	20	
Cobalt	ND	1	1	0.997	1.08	mg/L	100	108	8.0	75-125	20	
Copper	0.018	1	1	1.06	1.13	mg/L	104	111	6.4	75-125	20	
Lead	ND	1	1	0.877	0.912	mg/L	88	91	3.9	75-125	20	
Molybdenum	0.0154	1	1	1.01	1.06	mg/L	99	104	4.8	75-125	20	

QCBatchID: QC1201692 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/07/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201692MS1, QC1201692MSD1												**Source: 414984-001**
Nickel	ND	1	1	0.956	1.04	mg/L	96	104	8.4	75-125	20	
Selenium	ND	1	1	0.846	0.910	mg/L	85	91	7.3	75-125	20	
Silver	ND	1	1	0.851	0.899	mg/L	85	90	5.5	75-125	20	
Thallium	0.015	1	1	0.854	0.899	mg/L	84	88	5.1	75-125	20	
Vanadium	ND	1	1	1.06	1.13	mg/L	106	113	6.4	75-125	20	
Zinc	0.142	1	1	1.19	1.27	mg/L	105	113	6.5	75-125	20	

QCBatchID: QC1201699	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/07/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201699MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
2-Hexanone	ND	ug/Kg	0.5	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon disulfide	ND	ug/Kg	0.8	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.21	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethanol	ND	ug/Kg	100	500	
Ethylbenzene	ND	ug/Kg	0.23	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	

QCBatchID: QC1201699	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/07/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201699MB1					
Hexachlorobutadiene	ND	ug/Kg	0.42	5	
Isopropylbenzene	ND	ug/Kg	0.25	5	
m and p-Xylene	ND	ug/Kg	0.38	5	
Methylene chloride	ND	ug/Kg	0.21	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.17	5	
Naphthalene	ND	ug/Kg	0.16	5	
N-butylbenzene	ND	ug/Kg	0.25	5	
N-propylbenzene	ND	ug/Kg	0.22	5	
o-Xylene	ND	ug/Kg	0.19	5	
Sec-butylbenzene	ND	ug/Kg	0.28	5	
Styrene	ND	ug/Kg	0.13	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.34	5	
Tetrachloroethene	ND	ug/Kg	0.23	5	
Toluene	ND	ug/Kg	0.17	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.19	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.18	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Trichloroethene	ND	ug/Kg	0.23	5	
Trichlorofluoromethane	ND	ug/Kg	0.23	5	
Vinyl acetate	ND	ug/Kg	10.2	50	
Vinyl acetate	ND	ug/Kg	10.2	50	
Vinyl Chloride	ND	ug/Kg	0.14	5	
Xylenes (Total)	ND	ug/Kg	0.38	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201699LCS1, QC1201699LCSD1											
1,1-Dichloroethene	50	50	49	51	ug/Kg	98	102	4	59-172	22	
Benzene	50	50	50	51	ug/Kg	100	102	2	62-137	24	
Chlorobenzene	50	50	50	51	ug/Kg	100	102	2	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	44	43	ug/Kg	88	86	2	62-137	21	
Toluene	50	50	50	52	ug/Kg	100	104	4	59-139	21	
Trichloroethene	50	50	48	51	ug/Kg	96	102	6	66-142	21	

QCBatchID: QC1201709 **Analyst:** JParedes **Method:** EPA 7470A

Matrix: Water **Analyzed:** 05/07/2019 **Instrument:** AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201709MB1					
Mercury	ND	ug/L	0.094	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201709LCS1											
Mercury	5		4.99		ug/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201709MS1, QC1201709MSD1												**Source: 414915-014**
Mercury	ND	5	5	5.11	5.12	ug/L	102	102	0.2	75-125	20	

QCBatchID: QC1201730	**Analyst:** Jarriaga		**Method:** EPA 8015B		
Matrix: Water	**Analyzed:** 05/08/2019		**Instrument:** SVOA-GC (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201730MB1					
TPH (C13 to C40)	ND	mg/L	0.016	0.05	
TPH (C6 to C44) Total	ND	mg/L	0.04	0.3	
TPH Diesel	ND	mg/L	0.04	0.1	
TPH Motor Oil	ND	mg/L	0.07	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201730LCS1, QC1201730LCSD1											
TPH Diesel	1	1	0.82	0.87	mg/L	82	87	6	70-130	20	

QCBatchID:	**QC1201736**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/08/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201736MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201736LCS1, QC1201736LCSD1											
TPH Gasoline	5	5	5.6	5.6	mg/Kg	112	112	0	70-130	20	

QCBatchID:	**QC1201740**	**Analyst:**	Abanh	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/08/2019	**Instrument:**	SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201740MB1					
TPH Diesel	**2.82**	mg/Kg	0.022	1	B
TPH Motor Oil	ND	mg/Kg	2.1	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201740LCS1											
TPH Diesel	25		24.9		mg/Kg	100			52-122		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201740MS1, QC1201740MSD1												**Source: 414951-023**
TPH Diesel	2.77	25	25	24.8	25.8	mg/Kg	88	92	4.0	70-130	20	

QCBatchID: QC1201761 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/08/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201761MB1					
Antimony	**1.64 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	**0.28 J**	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	**1.01**	mg/Kg	0.31	1	B
Lead	**0.57 J**	mg/Kg	0.32	1	
Molybdenum	**0.23 J**	mg/Kg	0.13	1	
Nickel	**0.35 J**	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	**1.41 J**	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	**0.33 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201761LCS1											
Antimony	100		109		mg/Kg	109			80-120		
Arsenic	100		96.7		mg/Kg	97			80-120		
Barium	100		99.7		mg/Kg	100			80-120		
Beryllium	100		99.2		mg/Kg	99			80-120		
Cadmium	100		97.7		mg/Kg	98			80-120		
Chromium	100		93.4		mg/Kg	93			80-120		
Cobalt	100		99.0		mg/Kg	99			80-120		
Copper	100		99.9		mg/Kg	100			80-120		
Lead	100		104		mg/Kg	104			80-120		
Molybdenum	100		102		mg/Kg	102			80-120		
Nickel	100		101		mg/Kg	101			80-120		
Selenium	100		91.5		mg/Kg	92			80-120		
Silver	100		95.4		mg/Kg	95			80-120		
Thallium	100		94.3		mg/Kg	94			80-120		
Vanadium	100		101		mg/Kg	101			80-120		
Zinc	100		96.9		mg/Kg	97			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201761MS1, QC1201761MSD1												**Source: 414973-001**
Antimony	2.48	100	100	28.1	27.6	mg/Kg	26	25	1.8	75-125	20	M
Arsenic	3.18	100	100	92.6	88.6	mg/Kg	89	85	4.4	75-125	20	
Barium	110	100	100	193	179	mg/Kg	83	69	7.5	75-125	20	M
Beryllium	ND	100	100	91.0	90.2	mg/Kg	91	90	0.9	75-125	20	
Cadmium	0.67	100	100	88.2	84.6	mg/Kg	88	84	4.2	75-125	20	
Chromium	15.8	100	100	100	95.0	mg/Kg	84	79	5.1	75-125	20	
Cobalt	9.55	100	100	96.4	92.4	mg/Kg	87	83	4.2	75-125	20	
Copper	19.0	100	100	109	104	mg/Kg	90	85	4.7	75-125	20	
Lead	17.4	100	100	110	107	mg/Kg	93	90	2.8	75-125	20	
Molybdenum	1.28	100	100	88.0	85.9	mg/Kg	87	85	2.4	75-125	20	

QCBatchID: QC1201761 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/08/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201761MS1, QC1201761MSD1												**Source: 414973-001**
Nickel	10.3	100	100	97.7	93.1	mg/Kg	87	83	4.8	75-125	20	
Selenium	ND	100	100	82.8	78.8	mg/Kg	83	79	5.0	75-125	20	
Silver	ND	100	100	86.7	82.3	mg/Kg	87	82	5.2	75-125	20	
Thallium	4.59	100	100	83.2	80.1	mg/Kg	79	76	3.8	75-125	20	
Vanadium	31.8	100	100	124	119	mg/Kg	92	87	4.1	75-125	20	
Zinc	67.4	100	100	153	145	mg/Kg	86	78	5.4	75-125	20	

QCBatchID: QC1201765	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/08/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201765MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	

QCBatchID: QC1201765 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/08/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201765MB1					
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201765LCS1											
1,1-Dichloroethene	50		50		ug/Kg	100			59-172		
Benzene	50		49		ug/Kg	98			62-137		
Chlorobenzene	50		50		ug/Kg	100			60-133		
Methyl-t-butyl Ether (MTBE)	50		42		ug/Kg	84			62-137		
Toluene	50		52		ug/Kg	104			59-139		
Trichloroethene	50		52		ug/Kg	104			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201765MS1, QC1201765MSD1												**Source: 414935-001**
1,1-Dichloroethene	ND	50	50	38	43	ug/Kg	76	86	12.3	59-172	22	
Benzene	ND	50	50	40	43	ug/Kg	80	86	7.2	62-137	24	
Chlorobenzene	ND	50	50	40	43	ug/Kg	80	86	7.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	40	41	ug/Kg	80	82	2.5	62-137	21	
Toluene	ND	50	50	40	43	ug/Kg	80	86	7.2	59-139	21	
Trichloroethene	ND	50	50	40	43	ug/Kg	80	86	7.2	66-142	21	

QCBatchID:	**QC1201809**	**Analyst:**	JParedes	**Method:**	EPA 7471A
Matrix:	Solid	**Analyzed:**	05/09/2019	**Instrument:**	AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201809MB1					
Mercury	ND	mg/Kg	0.039	0.14	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201809LCS1											
Mercury	0.83		0.82		mg/Kg	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201809MS1, QC1201809MSD1												**Source: 414951-017**
Mercury	ND	0.83	0.83	0.82	0.82	mg/Kg	99	99	0.0	75-125	20	

QCBatchID: QC1201815	**Analyst:** lucy		**Method:** EPA 8260B		
Matrix: Solid	**Analyzed:** 05/09/2019		**Instrument:** VOA-MS (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201815MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
2-Hexanone	ND	ug/Kg	0.5	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon disulfide	ND	ug/Kg	0.8	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethanol	ND	ug/Kg	100	500	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	

QCBatchID: QC1201815 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201815MB1					
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl acetate	ND	ug/Kg	10.2	50	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201815LCS1											
1,1-Dichloroethene	50		50		ug/Kg	100			59-172		
Benzene	50		51		ug/Kg	102			62-137		
Chlorobenzene	50		51		ug/Kg	102			60-133		
Methyl-t-butyl Ether (MTBE)	50		44		ug/Kg	88			62-137		
Toluene	50		50		ug/Kg	100			59-139		
Trichloroethene	50		51		ug/Kg	102			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201815MS1, QC1201815MSD1												**Source: 414928-001**
1,1-Dichloroethene	ND	50	50	48	48	ug/Kg	96	96	0.0	59-172	22	
Benzene	ND	50	50	49	49	ug/Kg	98	98	0.0	62-137	24	
Chlorobenzene	ND	50	50	49	47	ug/Kg	98	94	4.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	46	46	ug/Kg	92	92	0.0	62-137	21	
Toluene	ND	50	50	49	48	ug/Kg	98	96	2.1	59-139	21	
Trichloroethene	ND	50	50	47	48	ug/Kg	94	96	2.1	66-142	21	

QCBatchID: QC1201818	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/09/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201818MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chloroethyl Vinyl Ether	ND	ug/Kg	0.3	5	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.21	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.23	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.42	5	
Isopropylbenzene	ND	ug/Kg	0.25	5	

QCBatchID: QC1201818 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201818MB1					
m and p-Xylene	ND	ug/Kg	0.38	5	
Methylene chloride	ND	ug/Kg	0.21	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.17	5	
Naphthalene	ND	ug/Kg	0.16	5	
N-butylbenzene	ND	ug/Kg	0.25	5	
N-propylbenzene	ND	ug/Kg	0.22	5	
o-Xylene	ND	ug/Kg	0.19	5	
Sec-butylbenzene	ND	ug/Kg	0.28	5	
Styrene	ND	ug/Kg	0.13	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.34	5	
Tetrachloroethene	ND	ug/Kg	0.23	5	
Toluene	ND	ug/Kg	0.17	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.19	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.18	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Trichloroethene	ND	ug/Kg	0.23	5	
Trichlorofluoromethane	ND	ug/Kg	0.23	5	
Vinyl Chloride	ND	ug/Kg	0.14	5	
Xylenes (Total)	ND	ug/Kg	0.38	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201818LCS1, QC1201818LCSD1											
1,1-Dichloroethene	50	50	47	48	ug/Kg	94	96	2	59-172	22	
Benzene	50	50	48	48	ug/Kg	96	96	0	62-137	24	
Chlorobenzene	50	50	48	49	ug/Kg	96	98	2	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	42	44	ug/Kg	84	88	5	62-137	21	
Toluene	50	50	47	48	ug/Kg	94	96	2	59-139	21	
Trichloroethene	50	50	47	47	ug/Kg	94	94	0	66-142	21	

QCBatchID: QC1201839	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 05/09/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201839MB1					
1,1,1,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,1-Trichloroethane	ND	ug/L	0.38	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,2-Trichloroethane	ND	ug/L	0.25	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	0.29	5	
1,1-Dichloroethane	ND	ug/L	0.32	5	
1,1-Dichloroethene	ND	ug/L	0.3	5	
1,1-Dichloropropene	ND	ug/L	0.25	5	
1,2,3-Trichlorobenzene	ND	ug/L	0.28	5	
1,2,3-Trichloropropane	ND	ug/L	0.16	5	
1,2,4-Trichlorobenzene	ND	ug/L	0.27	5	
1,2,4-Trimethylbenzene	ND	ug/L	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.12	5	
1,2-Dibromoethane	ND	ug/L	0.19	5	
1,2-Dichlorobenzene	ND	ug/L	0.26	5	
1,2-Dichloroethane	ND	ug/L	0.2	5	
1,2-Dichloropropane	ND	ug/L	0.36	5	
1,3,5-Trimethylbenzene	ND	ug/L	0.24	5	
1,3-Dichlorobenzene	ND	ug/L	0.34	5	
1,3-Dichloropropane	ND	ug/L	0.19	5	
1,4-Dichlorobenzene	ND	ug/L	0.43	5	
2,2-Dichloropropane	ND	ug/L	0.32	5	
2-Butanone (MEK)	ND	ug/L	0.78	100	
2-Chloroethyl Vinyl Ether	ND	ug/L	0.23	10	
2-Chlorotoluene	ND	ug/L	0.33	5	
4-Chlorotoluene	ND	ug/L	0.31	5	
4-Isopropyltoluene	ND	ug/L	0.32	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	0.12	5	
Acetone	ND	ug/L	50	100	
Allyl Chloride	ND	ug/L	0.19	5	
Benzene	ND	ug/L	0.18	1	
Bromobenzene	ND	ug/L	0.53	5	
Bromochloromethane	ND	ug/L	0.17	5	
Bromodichloromethane	ND	ug/L	0.31	5	
Bromoform	ND	ug/L	0.13	5	
Bromomethane	ND	ug/L	0.68	5	
Carbon Tetrachloride	ND	ug/L	0.27	5	
Chlorobenzene	ND	ug/L	0.19	5	
Chlorodibromomethane	ND	ug/L	0.21	5	
Chloroethane	ND	ug/L	0.45	5	
Chloroform	ND	ug/L	0.18	5	
Chloromethane	ND	ug/L	0.27	5	
cis-1,2-Dichloroethene	ND	ug/L	0.27	5	
cis-1,3-dichloropropene	ND	ug/L	0.25	5	
cis-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Dibromomethane	ND	ug/L	0.23	5	
Dichlorodifluoromethane	ND	ug/L	0.33	5	
Di-isopropyl ether (DIPE)	ND	ug/L	0.17	1	
Ethylbenzene	ND	ug/L	0.21	5	
Ethyl-tertbutylether (ETBE)	ND	ug/L	0.23	1	
Hexachlorobutadiene	ND	ug/L	0.51	5	
Isopropylbenzene	ND	ug/L	0.24	5	

QCBatchID: QC1201839 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Water **Analyzed:** 05/09/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201839MB1					
m and p-Xylene	ND	ug/L	0.45	5	
Methylene chloride	ND	ug/L	0.16	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.19	1	
Naphthalene	ND	ug/L	0.25	5	
N-butylbenzene	ND	ug/L	0.25	5	
N-propylbenzene	ND	ug/L	0.31	5	
o-Xylene	ND	ug/L	0.29	5	
Sec-butylbenzene	ND	ug/L	0.32	5	
Styrene	ND	ug/L	0.22	5	
t-Butyl alcohol (TBA)	ND	ug/L	5.2	10	
Tert-amylmethylether (TAME)	ND	ug/L	0.19	5	
Tert-butylbenzene	ND	ug/L	0.4	5	
Tetrachloroethene	ND	ug/L	0.8	5	
Toluene	ND	ug/L	0.24	5	
trans-1,2-dichloroethene	ND	ug/L	0.33	5	
trans-1,3-dichloropropene	ND	ug/L	0.23	5	
trans-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Trichloroethene	ND	ug/L	0.39	5	
Trichlorofluoromethane	ND	ug/L	0.25	5	
Vinyl Chloride	ND	ug/L	0.18	5	
Xylenes (Total)	ND	ug/L	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201839LCS1											
1,1-Dichloroethene	50		48		ug/L	96			59-172		
Benzene	50		50		ug/L	100			62-137		
Chlorobenzene	50		49		ug/L	98			60-133		
Methyl-t-butyl Ether (MTBE)	50		44		ug/L	88			62-137		
Toluene	50		50		ug/L	100			59-139		
Trichloroethene	50		49		ug/L	98			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201839MS1, QC1201839MSD1												**Source: 415009-002**
1,1-Dichloroethene	7.5	50	50	54	53	ug/L	93	91	1.9	59-172	22	
Benzene	ND	50	50	48	48	ug/L	96	96	0.0	62-137	24	
Chlorobenzene	ND	50	50	48	48	ug/L	96	96	0.0	60-133	24	
Methyl-t-butyl Ether (MTBE)	0.30	50	50	43	43	ug/L	85	85	0.0	62-137	21	
Toluene	ND	50	50	48	48	ug/L	96	96	0.0	59-139	21	
Trichloroethene	0.57	50	50	48	47	ug/L	95	93	2.1	66-142	21	

QCBatchID: QC1201859 **Analyst:** Abanh **Method:** EPA 8081A

Matrix: Water **Analyzed:** 05/10/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201859MB1					
4,4'-DDD	ND	ug/L	0.011	0.1	
4,4'-DDE	ND	ug/L	0.006	0.1	
4,4'-DDT	ND	ug/L	0.011	0.1	
a-BHC	ND	ug/L	0.002	0.1	
Aldrin	ND	ug/L	0.007	0.1	
b-BHC	ND	ug/L	0.003	0.1	
Chlordane (technical)	ND	ug/L	0.27	1	
d-BHC	ND	ug/L	0.006	0.1	
Dieldrin	ND	ug/L	0.006	0.1	
Endosulfan I	ND	ug/L	0.004	0.1	
Endosulfan II	ND	ug/L	0.011	0.1	
Endosulfan sulfate	ND	ug/L	0.012	0.1	
Endrin	ND	ug/L	0.008	0.1	
Endrin aldehyde	ND	ug/L	0.009	0.1	
Endrin Ketone	ND	ug/L	0.011	0.1	
Heptachlor	ND	ug/L	0.003	0.1	
Heptachlor epoxide	ND	ug/L	0.002	0.1	
Lindane (Gamma-BHC)	ND	ug/L	0.002	0.1	
Methoxychlor	ND	ug/L	0.055	0.1	
Toxaphene	ND	ug/L	0.48	2	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201859LCS1, QC1201859LCSD1											
4,4'-DDD	0.5	0.5	0.45	0.44	ug/L	90	88	2	42-142	20	
4,4'-DDE	0.5	0.5	0.41	0.39	ug/L	82	78	5	48-133	20	
4,4'-DDT	0.5	0.5	0.57	0.55	ug/L	114	110	4	40-143	20	
a-BHC	0.5	0.5	0.39	0.37	ug/L	78	74	5	55-122	20	
Aldrin	0.5	0.5	0.39	0.37	ug/L	78	74	5	46-117	20	
b-BHC	0.5	0.5	0.43	0.42	ug/L	86	84	2	46-136	20	
d-BHC	0.5	0.5	0.38	0.37	ug/L	76	74	3	53-124	20	
Dieldrin	0.5	0.5	0.43	0.41	ug/L	86	82	5	49-129	20	
Endosulfan I	0.5	0.5	0.41	0.40	ug/L	82	80	2	54-122	20	
Endosulfan II	0.5	0.5	0.42	0.39	ug/L	84	78	7	46-132	20	
Endosulfan sulfate	0.5	0.5	0.46	0.44	ug/L	92	88	4	52-129	20	
Endrin	0.5	0.5	0.47	0.45	ug/L	94	90	4	57-145	20	
Endrin aldehyde	0.5	0.5	0.43	0.41	ug/L	86	82	5	48-116	20	
Endrin Ketone	0.5	0.5	0.44	0.43	ug/L	88	86	2	44-137	20	
Heptachlor	0.5	0.5	0.34	0.33	ug/L	68	66	3	51-128	20	
Heptachlor epoxide	0.5	0.5	0.36	0.34	ug/L	72	68	6	51-122	20	
Lindane (Gamma-BHC)	0.5	0.5	0.37	0.36	ug/L	74	72	3	54-128	20	
Methoxychlor	0.5	0.5	0.51	0.49	ug/L	102	98	4	52-158	20	

QCBatchID:	**QC1201871**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/17/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201871MB1					
TPH (C6 to C12)	ND	mg/Kg	0.239	3	
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201871LCS1, QC1201871LCSD1											
TPH Gasoline	5	5	5.7	5.8	mg/Kg	114	116	2	70-130	20	

QCBatchID: QC1201886 **Analyst:** bmorris **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/10/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201886MB1					
4,4'-DDD	ND	ug/Kg	2.1	5	
4,4'-DDE	ND	ug/Kg	2	5	
4,4'-DDT	ND	ug/Kg	2	5	
a-BHC	ND	ug/Kg	1.6	5	
Aldrin	ND	ug/Kg	1.5	5	
b-BHC	ND	ug/Kg	1.5	5	
Chlordane (technical)	ND	ug/Kg	35	50	
d-BHC	ND	ug/Kg	1.2	5	
Dieldrin	ND	ug/Kg	2.1	5	
Endosulfan I	ND	ug/Kg	1.2	5	
Endosulfan II	ND	ug/Kg	2.8	5	
Endosulfan sulfate	ND	ug/Kg	3.4	5	
Endrin	ND	ug/Kg	2.7	5	
Endrin aldehyde	ND	ug/Kg	2.1	5	
Endrin Ketone	ND	ug/Kg	4.1	5	
Heptachlor	ND	ug/Kg	1.3	5	
Heptachlor epoxide	ND	ug/Kg	2.3	5	
Lindane (Gamma-BHC)	ND	ug/Kg	2	5	
Methoxychlor	ND	ug/Kg	9.2	10	
Toxaphene	ND	ug/Kg	54	100	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201886LCS1											
4,4'-DDD	50		36		ug/Kg	72			43-172		
4,4'-DDE	50		36		ug/Kg	72			44-163		
4,4'-DDT	50		48		ug/Kg	96			40-158		
a-BHC	50		37		ug/Kg	74			45-150		
Aldrin	50		34		ug/Kg	68			46-142		
b-BHC	50		38		ug/Kg	76			42-156		
d-BHC	50		32		ug/Kg	64			37-161		
Dieldrin	50		36		ug/Kg	72			47-151		
Endosulfan I	50		35		ug/Kg	70			47-141		
Endosulfan II	50		33		ug/Kg	66			44-156		
Endosulfan sulfate	50		37		ug/Kg	74			43-157		
Endrin	50		40		ug/Kg	80			47-160		
Endrin aldehyde	50		29		ug/Kg	58			32-127		
Endrin Ketone	50		38		ug/Kg	76			48-159		
Heptachlor	50		31		ug/Kg	62			50-144		
Heptachlor epoxide	50		31		ug/Kg	62			48-145		
Lindane (Gamma-BHC)	50		35		ug/Kg	70			47-151		
Methoxychlor	50		44		ug/Kg	88			36-182		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201886MS1, QC1201886MSD1												**Source: 415178-001**
4,4'-DDD	ND	50	50	32	33	ug/Kg	64	66	3.1	43-172	20	
4,4'-DDE	ND	50	50	30	33	ug/Kg	60	66	9.5	44-163	20	
4,4'-DDT	ND	50	50	44	40	ug/Kg	88	80	9.5	40-158	20	
a-BHC	ND	50	50	32	34	ug/Kg	64	68	6.1	45-150	20	

QCBatchID: QC1201886	**Analyst:** bmorris	**Method:** EPA 8081A	
Matrix: Solid	**Analyzed:** 05/10/2019	**Instrument:** SVOA-GC (group)	

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201886MS1, QC1201886MSD1												**Source: 415178-001**
Aldrin	ND	50	50	30	33	ug/Kg	60	66	9.5	46-142	20	
b-BHC	ND	50	50	36	37	ug/Kg	72	74	2.7	42-156	20	
d-BHC	ND	50	50	29	32	ug/Kg	58	64	9.8	37-161	20	
Dieldrin	ND	50	50	31	34	ug/Kg	62	68	9.2	47-151	20	
Endosulfan I	ND	50	50	30	32	ug/Kg	60	64	6.5	47-141	20	
Endosulfan II	ND	50	50	29	31	ug/Kg	58	62	6.7	44-156	20	
Endosulfan sulfate	ND	50	50	33	35	ug/Kg	66	70	5.9	43-157	20	
Endrin	ND	50	50	35	36	ug/Kg	70	72	2.8	47-160	20	
Endrin aldehyde	ND	50	50	25	28	ug/Kg	50	56	11.3	32-127	20	
Endrin Ketone	ND	50	50	32	35	ug/Kg	64	70	9.0	48-159	20	
Heptachlor	ND	50	50	27	29	ug/Kg	54	58	7.1	50-144	20	
Heptachlor epoxide	ND	50	50	26	27	ug/Kg	52	54	3.8	48-145	20	
Lindane (Gamma-BHC)	ND	50	50	30	32	ug/Kg	60	64	6.5	47-151	20	
Methoxychlor	ND	50	50	38	44	ug/Kg	76	88	14.6	36-182	20	

QCBatchID:	**QC1202031**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/15/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202031MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1202031LCS1, QC1202031LCSD1											
TPH Gasoline	5	5	5.7	5.7	mg/Kg	114	114	0	70-130	20	

QCBatchID: QC1202060 **Analyst:** Abanh **Method:** EPA 8015B

Matrix: Solid **Analyzed:** 05/16/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202060MB1					
TPH Diesel	**1.61**	mg/Kg	0.022	1	B
TPH Motor Oil	ND	mg/Kg	2.1	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202060LCS1											
TPH Diesel	25		17.8		mg/Kg	71			52-122		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202060MS1, QC1202060MSD1												**Source: 415002-016**
TPH Diesel	24.6	25	25	61.0	68.5	mg/Kg	146	176	11.6	70-130	20	M

QCBatchID: QC1202089	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/16/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202089MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.21	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.23	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.42	5	
Isopropylbenzene	ND	ug/Kg	0.25	5	
m and p-Xylene	ND	ug/Kg	0.38	5	

QCBatchID: QC1202089 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/16/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202089MB1					
Methylene chloride	ND	ug/Kg	0.21	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.17	5	
Naphthalene	ND	ug/Kg	0.16	5	
N-butylbenzene	ND	ug/Kg	0.25	5	
N-propylbenzene	ND	ug/Kg	0.22	5	
o-Xylene	ND	ug/Kg	0.19	5	
Sec-butylbenzene	ND	ug/Kg	0.28	5	
Styrene	ND	ug/Kg	0.13	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.34	5	
Tetrachloroethene	ND	ug/Kg	0.23	5	
Toluene	ND	ug/Kg	0.17	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.19	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.18	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Trichloroethene	ND	ug/Kg	0.23	5	
Trichlorofluoromethane	ND	ug/Kg	0.23	5	
Vinyl Chloride	ND	ug/Kg	0.14	5	
Xylenes (Total)	ND	ug/Kg	0.38	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202089LCS1											
1,1-Dichloroethene	50		39		ug/Kg	78			59-172		
Benzene	50		44		ug/Kg	88			62-137		
Chlorobenzene	50		50		ug/Kg	100			60-133		
Methyl-t-butyl Ether (MTBE)	50		41		ug/Kg	82			62-137		
Toluene	50		47		ug/Kg	94			59-139		
Trichloroethene	50		49		ug/Kg	98			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202089MS1, QC1202089MSD1												**Source: 414951-010**
1,1-Dichloroethene	ND	50	50	42	41	ug/Kg	84	82	2.4	59-172	22	
Benzene	ND	50	50	46	46	ug/Kg	92	92	0.0	62-137	24	
Chlorobenzene	ND	50	50	51	49	ug/Kg	102	98	4.0	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	45	45	ug/Kg	90	90	0.0	62-137	21	
Toluene	ND	50	50	49	48	ug/Kg	98	96	2.1	59-139	21	
Trichloroethene	ND	50	50	51	51	ug/Kg	102	102	0.0	66-142	21	

QCBatchID: QC1202090	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Solid	**Analyzed:** 05/16/2019	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202090MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	

QCBatchID: QC1202090 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/16/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202090MB1					
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202090LCS1											
1,1-Dichloroethene	50		43		ug/Kg	86			59-172		
Benzene	50		48		ug/Kg	96			62-137		
Chlorobenzene	50		50		ug/Kg	100			60-133		
Methyl-t-butyl Ether (MTBE)	50		44		ug/Kg	88			62-137		
Toluene	50		49		ug/Kg	98			59-139		
Trichloroethene	50		52		ug/Kg	104			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202090MS1, QC1202090MSD1												**Source: 415312-025**
1,1-Dichloroethene	ND	50	50	43	41	ug/Kg	86	82	4.8	59-172	22	
Benzene	ND	50	50	47	45	ug/Kg	94	90	4.3	62-137	24	
Chlorobenzene	ND	50	50	50	46	ug/Kg	100	92	8.3	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	45	42	ug/Kg	90	84	6.9	62-137	21	
Toluene	ND	50	50	47	44	ug/Kg	94	88	6.6	59-139	21	
Trichloroethene	ND	50	50	50	47	ug/Kg	100	94	6.2	66-142	21	

QCBatchID:	**QC1202150**	**Analyst:**	Abanh	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/20/2019	**Instrument:**	SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202150MB1					
TPH Diesel	**1.32**	mg/Kg	0.022	1	B
TPH Motor Oil	ND	mg/Kg	2.1	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202150LCS1											
TPH Diesel	25		19.5		mg/Kg	78			52-122		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202150MS1, QC1202150MSD1												**Source: 414951-020**
TPH Diesel	2.30	25	25	19.3	19.6	mg/Kg	68	69	1.5	70-130	20	M

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 415002

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	T22 Metals (6010B/7471A)	TPHd,o (8015B)	TPHg (8015B/5035)	VOCs (8260B/5035)	Hold	Test Instructions / Comments
1	AOC4-B6-N1-5'	5/6/19	1043	SOIL	1-6" sleeve 5-VOAs	ICE	X	X	X	X		
2	AOC4-B6-N1-10'		1048								X	
3	AOC4-B6-N1-15'		1052				X	X	X	X		
4	AOC4-B6-N1-20'		1103								X	
5	AOC4-B6-W1-5'		1135				X	X	X	X		
6	AOC4-B6-W1-10'		1140								X	
7	AOC4-B6-W1-15'		1150				X	X	X	X		
8	AOC4-B6-W1-20'		1200								X	
9	AOC4-B6-S1-5'		1220				X	X	X	X		
10	AOC4-B6-S1-10'	↓	1228	↓	↓	↓					X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/6/19 1935
1 Received By:		O'Kim		5/6/19 1935
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Title 22 Metals (6010B/7471A)	TPHd,o (8015B)	TPHg (8015B/5035)	VOCs (8260B/5035)	Hold	Test Instructions / Comments
1	AOC4-B6-S1-15'	5/6/19	1235	SOIL	1-6"sleeve 5-VOAs	ICE	X	X	X	X		
2	AOC4-B6-S1-20'		1245								X	
3	AOC4-B6-E1-5'		1308				X	X	X	X		
4	AOC4-B6-E1-10'		1315								X	
5	AOC4-B6-E1-15'		1325				X	X	X	X		
6	AOC4-B6-E1-20'		1350								X	
7	AOC3-B2-5'		1550		1-6"sleeve 4-VOAs		X	X	X	X		
8	AOC3-B2-10'		1603								X	
9	AOC3-B2-15'		1615				X	X	X	X		
10	AOC3-B2-20'	↓	1630	↓	↓	↓					X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/6/19 1935
[1] Received By:				5/6/19 1935
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	

Test Instructions / Comments

x = discrete analysis
C = composite sample
Composite Group: CG10-0.5
-AOC1-E-B20-0.5' (4/29/19)
-AOC1-E-B22-0.5' (4/29/19)
-AOC-E-B23-0.5'

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	T22 Metals (6010B/7471A)	TPHd,o (8015B)	TPHg (8015B/5035)	VOCs (8260B/5035)	Lead (6010B)	OCPs (8081A)	Hold
1	AOC3-B1 - 5'	5/6/19	KMH ~~1730~~ TSG	SOIL	1-6" sleeve 4-VOAs	ICE	X	X	X	X			
2	AOC3-B1 - 10'		KMH ~~1735~~ TSG										X
3	AOC3-B1-15'		1700				X	X	X	X			
4	AOC3-B1-20'		1714										X
5	AOC3-B3-5'		1730				X	X	X	X			
6	AOC3-B3-10'		1737										X
7	AOC3-B3-15'		1755				X	X	X	X			
8	AOC3-B3-20'		1802										X
9	AOC1-E-B23-0.5		1610		↓	↓					X	C	
10	DUP-16	↓	—	↓	1-6" sleeve 5-VOAs	↓	X	X	X	X			

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/6/19 1935
1 Received By:				5/6/19 1935
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Phone 714-771-6900

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: T22 Metals (6010B/7471A)	TPHd,o (8015B)	TPHg (8015B/5035)	VOCs (8260B/5035)	Lead (6010B)	OCPs (8081A)	Test Instructions / Comments
1	DUP-17	5/6/19	—	SOIL	1-6" sleeve 4-VOAs	ICE	X	X	X	X			
2	EB-050619A	"	—	H_2O	Various	"	X	X	X	X			
3	EB-050619B	"	—	"	Various	"	X	X	X	X			
4	EB-050619C	"	—	"	Various	"					X	X	
5	Trip Blank-A	"	—	"		"				X			
6	Trip Blank-B	"	—	"		"				X			
7													
8													
9													
10													

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/6/19 1935
[1] Received By:				5/6/19 1935
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore

Project: Compton High School PAE

Date Received: 5/6/19

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 12.3 #2: 8.9 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: -2.4 #2: -1.8 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	✓		
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

"Trip Blank A" 1 of 2 vials with headspace.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/6/19

Ranjit Clarke

From: Kristina Hill
Sent: Tuesday, May 07, 2019 1:36 PM
To: Ranjit Clarke
Subject: Sample Hold Request - Compton High School PEA

Hi Ranjit,
Please place sample DUP-17 (submitted yesterday, 5-6-19) on hold. We understand this may incur a fee if digestion of the sample has already begun.

Thanks for your help!

Sent from my Sprint Samsung Galaxy S9.

Kristina Hill, GIT
Staff Geologist
Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

475 Goddard, Suite 200 | Irvine, CA 92618

(949) 753-7070 **ext. 12227** | (949) 795-2519 (Cell)

Ranjit Clarke

From: Kristina Hill
Sent: Wednesday, May 08, 2019 5:24 PM
To: Ranjit Clarke
Subject: Re: Composite sample - should be CG9-0.5'?

Thank you for catching that, Ranjit! The COC is wrong and the spreadsheet is correct. Composite sample should be CG9-0.5.

Much appreciated!

Sent from my Sprint Samsung Galaxy S9.

Kristina Hill, GIT
Staff Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200 | Irvine, CA 92618
(949) 753-7070 **ext. 12227** | (949) 795-2519 (Cell)

-------- Original message --------
From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Date: 5/8/19 3:57 PM (GMT-08:00)
To: Kristina Hill <khill@ninyoandmoore.com>
Subject: Composite sample - should be CG9-0.5'?

Kristina,

See attached COC. The COC says that the composite ID should be CG10-0.5', but according to the table you sent me, it should be CG9-0.5'. Please confirm.

Thanks,

Ranjit

Ranjit Clarke
Senior Project Manager
Enthalpy Analytical
931 W. Barkley Ave., Orange, CA 92868
O: 714-771-9906 / M: 657-274-9864 / F: 714-538-1209
Ranjit.Clarke@Enthalpy.com

Ranjit Clarke

From: Patrick J. Cullip
Sent: Wednesday, May 15, 2019 5:12 PM
To: Ranjit Clarke
Cc: Kristina Hill; Jay Roberts
Subject: RE: Compton High School PEA (05/06/19) - Enthalpy Analytical Final Report #415002

Ranjit,

Please analyze AOC4-B6-W1-20' and AOC4-B6-E1-20' for TPHg/d/o by 8015B and VOCs by 8260B on 3-day TAT.

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Tuesday, May 14, 2019 3:57 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Kristina Hill <khill@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>
Subject: Compton High School PEA (05/06/19) - Enthalpy Analytical Final Report #415002

Hi Patrick Cullip,

Attached is your final report #415002.

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

Ranjit Clarke

From: Patrick J. Cullip
Sent: Friday, May 17, 2019 11:28 AM
To: Ranjit Clarke
Cc: Kristina Hill; Jay Roberts
Subject: RE: Compton High School PEA (05/06/19) - Enthalpy Analytical Final Report #415002

Ranjit,

Also, please analyze AOC4-B6-W1-10' and AOC4-B6-E1-10' for TPHg/d/o by 8015B and VOCs by 8260B on 3-day TAT.

Thanks,
Patrick

From: Patrick J. Cullip
Sent: Wednesday, May 15, 2019 5:12 PM
To: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Cc: Kristina Hill <khill@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>
Subject: RE: Compton High School PEA (05/06/19) - Enthalpy Analytical Final Report #415002

Ranjit,

Please analyze AOC4-B6-W1-20' and AOC4-B6-E1-20' for TPHg/d/o by 8015B and VOCs by 8260B on 3-day TAT.

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Tuesday, May 14, 2019 3:57 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Kristina Hill <khill@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>
Subject: Compton High School PEA (05/06/19) - Enthalpy Analytical Final Report #415002

Hi Patrick Cullip,

Attached is your final report #415002.

Thank you.

In accordance with our paperless initiative, we are no longer mailing or faxing reports by default. If you require a hard copy, please inform your Project Manager.

Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in the EDD.

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931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
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MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip

Lab Request: 415051
Report Date: 05/15/2019
Date Received: 05/07/2019
Client ID: 15461

Comments: Compton High School PEA
#210886001
601 S. Acacia Ave, Compton CA 90220

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID
415051-001	AOC4-B2-W1-5'	415051-025	DUP-18
415051-002	AOC4-B2-W1-10'	415051-026	DUP-19
415051-003	AOC4-B2-W1-15'	415051-027	DUP-20
415051-004	AOC4-B2-W1-20'	415051-028	EB-050719A
415051-005	AOC4-B2-E1-5'	415051-029	EB-050719B
415051-006	AOC4-B2-E1-10'	415051-030	Trip Blank - A
415051-007	AOC4-B2-E1-15'	415051-031	Trip Blank - B
415051-008	AOC4-B2-E1-20'		
415051-009	AOC4-B2-S1-5'		
415051-010	AOC4-B2-S1-10'		
415051-011	AOC4-B2-S1-15'		
415051-012	AOC4-B2-S1-20'		
415051-013	AOC4-B2-N1-5'		
415051-014	AOC4-B2-N1-10'		
415051-015	AOC4-B2-N1-15'		
415051-016	AOC4-B2-N1-20'		
415051-017	AOC4-B18-E1-5'		
415051-018	AOC4-B18-E1-10'		
415051-019	AOC4-B18-E1-15'		
415051-020	AOC4-B18-E1-20'		
415051-021	AOC4-B18-W1-5'		
415051-022	AOC4-B18-W1-10'		
415051-023	AOC4-B18-W1-15'		
415051-024	AOC4-B18-W1-20'		

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/07/2019 09:03 **Site:**
Sample #: 415051-001 **Client Sample #:** AOC4-B2-W1-5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201763		
Antimony	**3.56**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	
Arsenic	**1.49**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**126**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.60**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**17.2**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**12.1**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**15.9**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**4.91**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	**0.80 J**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Nickel	**11.9**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**3.34**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	
Vanadium	**39.1**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**55.8**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201929		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/13/19	05/14/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201910		
TPH Diesel	**1.99**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*77*		*50-150*						
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201736		
TPH Gasoline	ND	0.86	0.20554	2.58	mg/Kg		05/08/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*100*		*60-140*						
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201815		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/09/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/09/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/09/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/09/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/09/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/09/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/09/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/09/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/09/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/09/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
2-Butanone (MEK)	**2.4 J**	0.9	0.648	90	ug/Kg		05/09/19	LZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/09/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 09:03	**Site:**			
Sample #:	**415051-001**	**Client Sample #:**	AOC4-B2-W1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/09/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	
Acetone	ND	0.9	45	90	ug/Kg		05/09/19	LZ	
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/09/19	LZ	
Benzene	**1.3 J**	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/09/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
Ethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/09/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/09/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/09/19	LZ	
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		05/09/19	LZ	
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/09/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/09/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/09/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/09/19	LZ	
t-Butyl alcohol (TBA)	**9.5**	0.9	7.92	9	ug/Kg		05/09/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/09/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Toluene	**0.78 J**	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/09/19	LZ	
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		05/09/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*97*	*70-145*	
4-Bromofluorobenzene (SUR)	*116*	*70-145*	
Dibromofluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*103*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 09:10	**Site:**			
Sample #:	**415051-002**	**Client Sample #:**	AOC4-B2-W1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 09:40	**Site:**			
Sample #:	**415051-003**	**Client Sample #:**	AOC4-B2-W1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201763		
Antimony	**3.42**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	
Arsenic	**5.47**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**117**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.86**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**23.8**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**11.7**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**32.6**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**7.07**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**19.0**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.86 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	J
Vanadium	**48.3**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**52.6**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A *NELAC*	Prep Method: EPA 7471A						QCBatchID: QC1201929		
Mercury	**0.06 J**	1	0.039	0.14	mg/Kg	05/13/19	05/14/19	JP	J
Method: EPA 8015B *NELAC*	Prep Method: EPA 3545						QCBatchID: QC1201910		
TPH Diesel	**2.71**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			

Surrogate	*% Recovery*	*Limits*	*Notes*
Triacontane (SUR)	*78*	*50-150*	

Method: EPA 8015B *NELAC*	Prep Method: EPA 5035A						QCBatchID: QC1201737		
TPH Gasoline	ND	0.78	0.18642	2.34	mg/Kg		05/09/19	EW	

Surrogate	*% Recovery*	*Limits*	*Notes*
4-Bromofluorobenzene (SUR)	*90*	*60-140*	

Method: EPA 8260B *NELAC*	Prep Method: EPA 5035A						QCBatchID: QC1201815		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/09/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/09/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/09/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/09/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/09/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/09/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/09/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/09/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/09/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/09/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/09/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/09/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/09/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/09/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/09/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/09/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/09/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/09/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/09/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/09/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/09/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/09/19	LZ	
2-Butanone (MEK)	**1.7 J**	0.8	0.576	80	ug/Kg		05/09/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/09/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 09:40	**Site:**			
Sample #:	**415051-003**	**Client Sample #:**	AOC4-B2-W1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/09/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/09/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/09/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/09/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/09/19	LZ	
Benzene	ND	0.8	0.144	4	ug/Kg		05/09/19	LZ	
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/09/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/09/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/09/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/09/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/09/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/09/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/09/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/09/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/09/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/09/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/09/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/09/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/09/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/09/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/09/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/09/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/09/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/09/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/09/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/09/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/09/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/09/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/09/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/09/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/09/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/09/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/09/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/09/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/09/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/09/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/09/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/09/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/09/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/09/19	LZ	
Toluene	ND	0.8	0.136	4	ug/Kg		05/09/19	LZ	
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/09/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/09/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/09/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/09/19	LZ	
Trichlorofluoromethane	**0.23 J**	0.8	0.184	4	ug/Kg		05/09/19	LZ	J
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/09/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/09/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*104*	*70-145*	
4-Bromofluorobenzene (SUR)	*113*	*70-145*	
Dibromofluoromethane (SUR)	*102*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 09:52	**Site:**			
Sample #:	**415051-004**	**Client Sample #:**	AOC4-B2-W1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 10:20	**Site:**			
Sample #:	**415051-005**	**Client Sample #:**	AOC4-B2-E1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201763		
Antimony	**1.10 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**2.00**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**118**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.48 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**13.6**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**9.32**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**12.1**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**4.72**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**8.79**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.77 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	J
Vanadium	**30.4**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**40.6**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A *NELAC*	Prep Method: EPA 7471A						QCBatchID: QC1201929		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/13/19	05/14/19	JP	J
Method: EPA 8015B *NELAC*	Prep Method: EPA 3545						QCBatchID: QC1201910		
TPH Diesel	**3.17**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*80*		*50-150*						
Method: EPA 8015B *NELAC*	Prep Method: EPA 5035A						QCBatchID: QC1201736		
TPH Gasoline	ND	0.96	0.22944	2.88	mg/Kg		05/08/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*95*		*60-140*						
Method: EPA 8260B *NELAC*	Prep Method: EPA 5035A						QCBatchID: QC1201833		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/09/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/09/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/09/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/09/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/09/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/09/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/09/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/09/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/09/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/09/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
2-Butanone (MEK)	**2.9 J**	0.9	0.648	90	ug/Kg		05/09/19	LZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/09/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 10:20	**Site:**			
Sample #:	**415051-005**	**Client Sample #:**	AOC4-B2-E1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/09/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	
Acetone	**52 J**	0.9	45	90	ug/Kg		05/09/19	LZ	J
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/09/19	LZ	
Benzene	**2.5 J**	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/09/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
Ethylbenzene	**0.31 J**	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	J
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/09/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/09/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/09/19	LZ	
m and p-Xylene	**0.38 J**	0.9	0.342	4.5	ug/Kg		05/09/19	LZ	J
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/09/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/09/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/09/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/09/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/09/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/09/19	LZ	
t-Butyl alcohol (TBA)	**9.7**	0.9	7.92	9	ug/Kg		05/09/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/09/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Toluene	**1.7 J**	0.9	0.153	4.5	ug/Kg		05/09/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/09/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/09/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/09/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/09/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/09/19	LZ	
Xylenes (Total)	**0.38 J**	0.9	0.342	4.5	ug/Kg		05/09/19	LZ	J

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*103*	*70-145*	
4-Bromofluorobenzene (SUR)	*98*	*70-145*	
Dibromofluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 10:27	**Site:**			
Sample #:	**415051-006**	**Client Sample #:**	AOC4-B2-E1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 10:35	**Site:**			
Sample #:	**415051-007**	**Client Sample #:**	AOC4-B2-E1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201763		
Antimony	**2.11 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**5.28**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**89.9**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.90**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**20.0**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**9.22**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**27.5**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**5.72**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**15.8**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.55 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	J
Vanadium	**39.1**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**43.0**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201929		
Mercury	**0.09 J**	1	0.039	0.14	mg/Kg	05/13/19	05/14/19	JP	J
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201910		
TPH Diesel	**1.96**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*79*		*50-150*						
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201737		
TPH Gasoline	ND	0.75	0.17925	2.25	mg/Kg		05/09/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*105*		*60-140*						
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201911		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/13/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/13/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/13/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/13/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/13/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/13/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/13/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/13/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/13/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/13/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/13/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
2-Butanone (MEK)	ND	0.8	0.576	80	ug/Kg		05/13/19	LZ	
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/13/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 10:35	**Site:**			
Sample #:	**415051-007**	**Client Sample #:**	AOC4-B2-E1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/13/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/13/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/13/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/13/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/13/19	LZ	
Benzene	**0.23 J**	0.8	0.144	4	ug/Kg		05/13/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/13/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/13/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/13/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/13/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/13/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/13/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/13/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/13/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/13/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/13/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/13/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/13/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/13/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/13/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/13/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/13/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Toluene	**0.17 J**	0.8	0.136	4	ug/Kg		05/13/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/13/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/13/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/13/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/13/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/13/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/13/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*109*	*70-145*	
4-Bromofluorobenzene (SUR)	*97*	*70-145*	
Dibromofluoromethane (SUR)	*101*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 10:47	**Site:**			
Sample #:	**415051-008**	**Client Sample #:**	AOC4-B2-E1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 11:28	**Site:**			
Sample #:	**415051-009**	**Client Sample #:**	AOC4-B2-S1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201763		
Antimony	**1.85 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**2.14**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**108**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.49 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**14.0**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**8.73**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**12.1**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**4.45**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**8.48**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**1.67 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	J
Vanadium	**31.9**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**39.1**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201929		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/13/19	05/14/19	JP	J
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201910		
TPH Diesel	**4.09**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	**6.71**	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*84*			*50-150*					
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201736		
TPH Gasoline	ND	0.89	0.21271	2.67	mg/Kg		05/08/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*105*			*60-140*					
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201833		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	**3.6 J**	0.9	0.648	90	ug/Kg		05/10/19	LZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 11:28	**Site:**			
Sample #:	**415051-009**	**Client Sample #:**	AOC4-B2-S1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Acetone	**50 J**	0.9	45	90	ug/Kg		05/10/19	LZ	J
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Benzene	**2.4 J**	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	**8.4 J**	0.9	7.92	9	ug/Kg		05/10/19	LZ	J
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Toluene	**1.0 J**	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*111*	*70-145*	
4-Bromofluorobenzene (SUR)	*98*	*70-145*	
Dibromofluoromethane (SUR)	*101*	*70-145*	
Toluene-d8 (SUR)	*97*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 11:34	**Site:**			
Sample #:	**415051-010**	**Client Sample #:**	AOC4-B2-S1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/07/2019 11:47 **Site:**
Sample #: 415051-011 **Client Sample #:** AOC4-B2-S1-15' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201763		
Antimony	**1.95 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**9.17**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**137**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.77**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**26.5**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**14.5**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**41.7**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**9.33**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	**0.16 J**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Nickel	**21.8**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**3.59**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	
Vanadium	**60.2**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**61.8**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201929		
Mercury	ND	1	0.039	0.14	mg/Kg	05/13/19	05/14/19	JP	
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201910		
TPH Diesel	**3.35**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*82*		*50-150*						
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201737		
TPH Gasoline	ND	0.94	0.22466	2.82	mg/Kg		05/09/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*100*		*60-140*						
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201833		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	ND	0.8	0.576	80	ug/Kg		05/10/19	LZ	
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 11:47	**Site:**			
Sample #:	**415051-011**	**Client Sample #:**	AOC4-B2-S1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Benzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Toluene	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*112*	*70-145*	
4-Bromofluorobenzene (SUR)	*96*	*70-145*	
Dibromofluoromethane (SUR)	*102*	*70-145*	
Toluene-d8 (SUR)	*97*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 12:02	**Site:**			
Sample #:	**415051-012**	**Client Sample #:**	AOC4-B2-S1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 12:20	**Site:**			
Sample #:	**415051-013**	**Client Sample #:**	AOC4-B2-N1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201763		
Antimony	**0.45 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	ND	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**116**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.47 J**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	J
Chromium	**17.9**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**9.87**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**12.8**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**3.62**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**10.9**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**3.13**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	
Vanadium	**33.6**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**44.3**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201910		
TPH Diesel	**3.72**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*90*		*50-150*						
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201736		
TPH Gasoline	ND	0.89	0.21271	2.67	mg/Kg		05/08/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*100*		*60-140*						
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	**3.7 J**	0.8	0.576	80	ug/Kg		05/10/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 12:20	**Site:**			
Sample #:	**415051-013**	**Client Sample #:**	AOC4-B2-N1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Benzene	**3.1 J**	0.8	0.144	4	ug/Kg		05/10/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Ethylbenzene	**0.28 J**	0.8	0.184	4	ug/Kg		05/10/19	LZ	J
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
m and p-Xylene	**0.39 J**	0.8	0.304	4	ug/Kg		05/10/19	LZ	J
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Toluene	**1.8 J**	0.8	0.136	4	ug/Kg		05/10/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Xylenes (Total)	**0.39 J**	0.8	0.304	4	ug/Kg		05/10/19	LZ	J

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*106*	*70-145*	
4-Bromofluorobenzene (SUR)	*114*	*70-145*	
Dibromofluoromethane (SUR)	*98*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 12:26	**Site:**			
Sample #:	**415051-014**	**Client Sample #:**	AOC4-B2-N1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 12:40	**Site:**			
Sample #:	**415051-015**	**Client Sample #:**	AOC4-B2-N1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201763		
Antimony	**0.80 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**3.42**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**105**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.69**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**24.4**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**11.8**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**27.3**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**5.72**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**19.0**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.53 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	J
Vanadium	**41.1**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**58.0**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A *NELAC*	Prep Method: EPA 7471A						QCBatchID: QC1201969		
Mercury	**0.06 J**	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	J
Method: EPA 8015B *NELAC*	Prep Method: EPA 3545						QCBatchID: QC1201910		
TPH Diesel	**3.58**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*82*		*50-150*						
Method: EPA 8015B *NELAC*	Prep Method: EPA 5035A						QCBatchID: QC1201737		
TPH Gasoline	ND	0.83	0.19837	2.49	mg/Kg		05/09/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*95*		*60-140*						
Method: EPA 8260B *NELAC*	Prep Method: EPA 5035A						QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	**1.4 J**	0.8	0.576	80	ug/Kg		05/10/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 12:40	**Site:**			
Sample #:	**415051-015**	**Client Sample #:**	AOC4-B2-N1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Benzene	**0.52 J**	0.8	0.144	4	ug/Kg		05/10/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Toluene	**0.31 J**	0.8	0.136	4	ug/Kg		05/10/19	LZ	J
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*106*	*70-145*	
4-Bromofluorobenzene (SUR)	*116*	*70-145*	
Dibromofluoromethane (SUR)	*100*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 12:55	**Site:**			
Sample #:	**415051-016**	**Client Sample #:**	AOC4-B2-N1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/07/2019 15:37 **Site:**
Sample #: 415051-017 **Client Sample #:** AOC4-B18-E1-5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201763		
Antimony	**1.03 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**4.51**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**132**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.56**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**18.8**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**10.0**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**17.6**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**11.7**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**12.4**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.54 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	J
Vanadium	**39.1**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**53.8**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	**0.06 J**	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201910		
TPH Diesel	**27.8**	2	0.044	2	mg/Kg	05/13/19			B
TPH Motor Oil	**72.2**	2	4.2	10	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*91*		*50-150*						
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201737		
TPH Gasoline	ND	0.89	0.21271	2.67	mg/Kg		05/09/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*95*		*60-140*						
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	**6.3 J**	0.9	0.648	90	ug/Kg		05/10/19	LZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 15:37	**Site:**			
Sample #:	**415051-017**	**Client Sample #:**	AOC4-B18-E1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Acetone	**61 J**	0.9	45	90	ug/Kg		05/10/19	LZ	J
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Benzene	**2.5 J**	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.9	7.92	9	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Toluene	**1.1 J**	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*107*	*70-145*	
4-Bromofluorobenzene (SUR)	*120*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 15:45	**Site:**			
Sample #:	**415051-018**	**Client Sample #:**	AOC4-B18-E1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/07/2019 16:00 **Site:**
Sample #: 415051-019 **Client Sample #:** AOC4-B18-E1-15' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201763		
Antimony	**1.52 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	KLN	B1,J
Arsenic	**2.55**	1	0.36	1	mg/Kg	05/08/19	05/09/19	KLN	
Barium	**94.5**	1	0.23	1	mg/Kg	05/08/19	05/09/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Cadmium	**0.75**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Chromium	**22.2**	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Cobalt	**11.2**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Copper	**20.5**	1	0.31	1	mg/Kg	05/08/19	05/09/19	KLN	B
Lead	**7.33**	1	0.32	1	mg/Kg	05/08/19	05/09/19	KLN	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	KLN	
Nickel	**14.3**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Thallium	**2.13 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	KLN	J
Vanadium	**50.1**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	KLN	
Zinc	**67.3**	1	0.28	5	mg/Kg	05/08/19	05/09/19	KLN	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201910		
TPH Diesel	**4.91**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*93*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201737		
TPH Gasoline	ND	0.78	0.18642	2.34	mg/Kg		05/09/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	**1.4 J**	0.8	0.576	80	ug/Kg		05/10/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 16:00	**Site:**			
Sample #:	**415051-019**	**Client Sample #:**	AOC4-B18-E1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Benzene	**0.19 J**	0.8	0.144	4	ug/Kg		05/10/19	LZ	J
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Toluene	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*110*	*70-145*	
4-Bromofluorobenzene (SUR)	*118*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 16:20	**Site:**			
Sample #:	**415051-020**	**Client Sample #:**	AOC4-B18-E1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 14:39	**Site:**			
Sample #:	**415051-021**	**Client Sample #:**	AOC4-B18-W1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201763		
Antimony	**5.44**	1	0.37	3	mg/Kg	05/08/19	05/09/19	SBW	
Arsenic	**1.17**	1	0.36	1	mg/Kg	05/08/19	05/09/19	SBW	
Barium	**117**	1	0.23	1	mg/Kg	05/08/19	05/09/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Cadmium	**0.50**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Chromium	**14.2**	1	0.13	1	mg/Kg	05/08/19	05/10/19	SBW	
Cobalt	**9.98**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Copper	**13.2**	1	0.31	1	mg/Kg	05/08/19	05/10/19	SBW	B
Lead	**4.41**	1	0.32	1	mg/Kg	05/08/19	05/09/19	SBW	
Molybdenum	**0.32 J**	1	0.13	1	mg/Kg	05/08/19	05/09/19	SBW	B1,J
Nickel	**9.40**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Thallium	**3.08**	1	0.42	3	mg/Kg	05/08/19	05/09/19	SBW	
Vanadium	**33.8**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Zinc	**45.0**	1	0.28	5	mg/Kg	05/08/19	05/09/19	SBW	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201910		
TPH Diesel	**2.52**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*75*			*50-150*					
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201737		
TPH Gasoline	ND	0.96	0.22944	2.88	mg/Kg		05/09/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*95*			*60-140*					
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	**2.9 J**	0.9	0.648	90	ug/Kg		05/10/19	LZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 14:39	**Site:**			
Sample #:	**415051-021**	**Client Sample #:**	AOC4-B18-W1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Acetone	ND	0.9	45	90	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Benzene	**0.95 J**	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.9	7.92	9	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Toluene	**0.66 J**	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*106*	*70-145*	
4-Bromofluorobenzene (SUR)	*112*	*70-145*	
Dibromofluoromethane (SUR)	*100*	*70-145*	
Toluene-d8 (SUR)	*101*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 14:44	**Site:**			
Sample #:	**415051-022**	**Client Sample #:**	AOC4-B18-W1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 14:55	**Site:**			
Sample #:	**415051-023**	**Client Sample #:**	AOC4-B18-W1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201763		
Antimony	**2.14 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	SBW	B1,J
Arsenic	**8.56**	1	0.36	1	mg/Kg	05/08/19	05/09/19	SBW	
Barium	**208**	1	0.23	1	mg/Kg	05/08/19	05/09/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Cadmium	**1.04**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Chromium	**33.6**	1	0.13	1	mg/Kg	05/08/19	05/10/19	SBW	
Cobalt	**20.5**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Copper	**46.2**	1	0.31	1	mg/Kg	05/08/19	05/10/19	SBW	B
Lead	**10.1**	1	0.32	1	mg/Kg	05/08/19	05/09/19	SBW	
Molybdenum	**1.31**	1	0.13	1	mg/Kg	05/08/19	05/09/19	SBW	
Nickel	**28.1**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Thallium	**3.04**	1	0.42	3	mg/Kg	05/08/19	05/09/19	SBW	
Vanadium	**71.4**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Zinc	**79.2**	1	0.28	5	mg/Kg	05/08/19	05/09/19	SBW	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	**0.06 J**	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	J
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201910		
TPH Diesel	**2.43**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*79*		*50-150*						
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201737		
TPH Gasoline	ND	0.89	0.21271	2.67	mg/Kg		05/09/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*100*		*60-140*						
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	ND	0.9	0.648	90	ug/Kg		05/10/19	LZ	
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 14:55	**Site:**			
Sample #:	**415051-023**	**Client Sample #:**	AOC4-B18-W1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Acetone	ND	0.9	45	90	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Benzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.9	7.92	9	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Toluene	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*106*	*70-145*	
4-Bromofluorobenzene (SUR)	*115*	*70-145*	
Dibromofluoromethane (SUR)	*98*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019 15:21	**Site:**			
Sample #:	**415051-024**	**Client Sample #:**	AOC4-B18-W1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019	**Site:**			
Sample #:	**415051-025**	**Client Sample #:**	DUP-18	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201763		
Antimony	**1.28 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	SBW	B1,J
Arsenic	**2.35**	1	0.36	1	mg/Kg	05/08/19	05/09/19	SBW	
Barium	**103**	1	0.23	1	mg/Kg	05/08/19	05/09/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Cadmium	**0.76**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Chromium	**29.2**	1	0.13	1	mg/Kg	05/08/19	05/10/19	SBW	
Cobalt	**11.5**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Copper	**31.1**	1	0.31	1	mg/Kg	05/08/19	05/10/19	SBW	B
Lead	**6.88**	1	0.32	1	mg/Kg	05/08/19	05/09/19	SBW	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	SBW	
Nickel	**20.9**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Thallium	**2.57 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	SBW	J
Vanadium	**42.7**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Zinc	**62.2**	1	0.28	5	mg/Kg	05/08/19	05/09/19	SBW	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201969		
Mercury	**0.09 J**	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	J
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201910		
TPH Diesel	**4.88**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*			*Limits*		*Notes*			
Triacontane (SUR)	*75*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201737		
TPH Gasoline	ND	1.09	0.26051	3.27	mg/Kg		05/09/19	EW	
Surrogate	*% Recovery*			*Limits*		*Notes*			
4-Bromofluorobenzene (SUR)	*95*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201894		
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	ND	1	0.72	100	ug/Kg		05/11/19	LZ	
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019	**Site:**			
Sample #:	**415051-025**	**Client Sample #:**	DUP-18	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	1	0.27	5	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Acetone	**65 J**	1	50	100	ug/Kg		05/11/19	LZ	J
Allyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Benzene	**0.52 J**	1	0.18	5	ug/Kg		05/11/19	LZ	J
Bromobenzene	ND	1	0.3	5	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Bromoform	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Bromomethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Chloroethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Chloroform	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Chloromethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Ethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Isopropylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	1	0.38	5	ug/Kg		05/11/19	LZ	
Methylene chloride	**3.5 J**	1	0.21	5	ug/Kg		05/11/19	LZ	J
Methyl-t-butyl Ether (MTBE)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Naphthalene	ND	1	0.16	5	ug/Kg		05/11/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
N-propylbenzene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
o-Xylene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Sec-butylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
Styrene	ND	1	0.13	5	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Toluene	**0.36 J**	1	0.17	5	ug/Kg		05/11/19	LZ	J
trans-1,2-dichloroethene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Xylenes (Total)	ND	1	0.38	5	ug/Kg		05/11/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*105*	*70-145*	
4-Bromofluorobenzene (SUR)	*97*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*98*	*70-145*	

Matrix: Solid	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/07/2019	**Site:**				
Sample #: 415051-026	**Client Sample #:** DUP-19		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201763		
Antimony	ND	1	0.37	3	mg/Kg	05/08/19	05/09/19	SBW	
Arsenic	**1.67**	1	0.36	1	mg/Kg	05/08/19	05/09/19	SBW	
Barium	**136**	1	0.23	1	mg/Kg	05/08/19	05/09/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Cadmium	**0.74**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Chromium	**29.9**	1	0.13	1	mg/Kg	05/08/19	05/10/19	SBW	
Cobalt	**17.5**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Copper	**32.5**	1	0.31	1	mg/Kg	05/08/19	05/10/19	SBW	B
Lead	**8.52**	1	0.32	1	mg/Kg	05/08/19	05/09/19	SBW	
Molybdenum	**0.57 J**	1	0.13	1	mg/Kg	05/08/19	05/09/19	SBW	B1,J
Nickel	**23.6**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Thallium	**2.71 J**	1	0.42	3	mg/Kg	05/08/19	05/09/19	SBW	J
Vanadium	**48.3**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Zinc	**70.2**	1	0.28	5	mg/Kg	05/08/19	05/09/19	SBW	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201969		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	J
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201910		
TPH Diesel	**3.99**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			

Surrogate	*% Recovery*	*Limits*	*Notes*
Triacontane (SUR)	*72*	*50-150*	

Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201737		
TPH Gasoline	ND	1.02	0.24378	3.06	mg/Kg		05/09/19	EW	

Surrogate	*% Recovery*	*Limits*	*Notes*
4-Bromofluorobenzene (SUR)	*95*	*60-140*	

Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	1.3	0.312	6.5	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	1.3	0.195	6.5	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1.3	0.377	6.5	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	1.3	0.286	6.5	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1.3	0.962	6.5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	1.3	0.299	6.5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	1.3	0.234	6.5	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	1.3	0.273	6.5	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	1.3	0.234	6.5	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	1.3	0.26	6.5	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	1.3	0.429	6.5	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	ND	1.3	0.364	6.5	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1.3	0.26	6.5	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	1.3	0.156	6.5	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	1.3	0.234	6.5	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	1.3	0.182	6.5	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	1.3	0.442	6.5	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	ND	1.3	0.299	6.5	ug/Kg		05/11/19	LZ	
1,3-Dichlorobenzene	ND	1.3	0.273	6.5	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	1.3	0.247	6.5	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	1.3	0.312	6.5	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	1.3	0.247	6.5	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	**2.9 J**	1.3	0.936	130	ug/Kg		05/11/19	LZ	J
2-Chlorotoluene	ND	1.3	0.325	6.5	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019	**Site:**			
Sample #:	**415051-026**	**Client Sample #:**	DUP-19	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1.3	0.286	6.5	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	1.3	0.351	6.5	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1.3	0.221	6.5	ug/Kg		05/11/19	LZ	
Acetone	ND	1.3	65	130	ug/Kg		05/11/19	LZ	
Allyl Chloride	ND	1.3	0.182	6.5	ug/Kg		05/11/19	LZ	
Benzene	**0.28 J**	1.3	0.234	6.5	ug/Kg		05/11/19	LZ	J
Bromobenzene	ND	1.3	0.39	6.5	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	1.3	0.234	6.5	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	1.3	0.26	6.5	ug/Kg		05/11/19	LZ	
Bromoform	ND	1.3	0.247	6.5	ug/Kg		05/11/19	LZ	
Bromomethane	ND	1.3	0.286	6.5	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	1.3	0.234	6.5	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	1.3	0.234	6.5	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	1.3	0.247	6.5	ug/Kg		05/11/19	LZ	
Chloroethane	ND	1.3	0.26	6.5	ug/Kg		05/11/19	LZ	
Chloroform	ND	1.3	0.221	6.5	ug/Kg		05/11/19	LZ	
Chloromethane	ND	1.3	0.273	6.5	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	1.3	0.26	6.5	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	1.3	0.26	6.5	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	1.3	0.26	6.5	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	1.3	0.273	6.5	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	1.3	0.299	6.5	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	1.3	0.273	6.5	ug/Kg		05/11/19	LZ	
Ethylbenzene	ND	1.3	0.299	6.5	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1.3	0.546	6.5	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	1.3	0.546	6.5	ug/Kg		05/11/19	LZ	
Isopropylbenzene	ND	1.3	0.325	6.5	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	1.3	0.494	6.5	ug/Kg		05/11/19	LZ	
Methylene chloride	ND	1.3	0.273	6.5	ug/Kg		05/11/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1.3	0.221	6.5	ug/Kg		05/11/19	LZ	
Naphthalene	ND	1.3	0.208	6.5	ug/Kg		05/11/19	LZ	
N-butylbenzene	ND	1.3	0.325	6.5	ug/Kg		05/11/19	LZ	
N-propylbenzene	ND	1.3	0.286	6.5	ug/Kg		05/11/19	LZ	
o-Xylene	ND	1.3	0.247	6.5	ug/Kg		05/11/19	LZ	
Sec-butylbenzene	ND	1.3	0.364	6.5	ug/Kg		05/11/19	LZ	
Styrene	ND	1.3	0.169	6.5	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	1.3	11.44	13	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	1.3	0.247	6.5	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	1.3	0.442	6.5	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	1.3	0.299	6.5	ug/Kg		05/11/19	LZ	
Toluene	**0.56 J**	1.3	0.221	6.5	ug/Kg		05/11/19	LZ	J
trans-1,2-dichloroethene	ND	1.3	0.247	6.5	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	1.3	0.234	6.5	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	1.3	0.26	6.5	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	1.3	0.299	6.5	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	1.3	0.299	6.5	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	1.3	0.182	6.5	ug/Kg		05/11/19	LZ	
Xylenes (Total)	ND	1.3	0.494	6.5	ug/Kg		05/11/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*104*	*70-145*	
4-Bromofluorobenzene (SUR)	*111*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*102*	*70-145*	

Matrix: Solid	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/07/2019	**Site:**				
Sample #: 415051-027	**Client Sample #:** DUP-20		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201763		
Antimony	**1.88 J**	1	0.37	3	mg/Kg	05/08/19	05/09/19	SBW	B1,J
Arsenic	ND	1	0.36	1	mg/Kg	05/08/19	05/09/19	SBW	
Barium	**348**	1	0.23	1	mg/Kg	05/08/19	05/09/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Cadmium	**0.99**	1	0.21	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Chromium	**28.3**	1	0.13	1	mg/Kg	05/08/19	05/10/19	SBW	
Cobalt	**13.2**	1	0.19	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Copper	**22.2**	1	0.31	1	mg/Kg	05/08/19	05/10/19	SBW	B
Lead	**7.31**	1	0.32	1	mg/Kg	05/08/19	05/09/19	SBW	
Molybdenum	ND	1	0.13	1	mg/Kg	05/08/19	05/09/19	SBW	
Nickel	**17.3**	1	0.2	1.5	mg/Kg	05/08/19	05/09/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/08/19	05/09/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Thallium	**3.68**	1	0.42	3	mg/Kg	05/08/19	05/09/19	SBW	
Vanadium	**50.9**	1	0.37	0.5	mg/Kg	05/08/19	05/09/19	SBW	
Zinc	**84.2**	1	0.28	5	mg/Kg	05/08/19	05/09/19	SBW	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201910		
TPH Diesel	**3.69**	1	0.022	1	mg/Kg	05/13/19			B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/13/19			
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*63*		*50-150*						
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201737		
TPH Gasoline	ND	1.02	0.24378	3.06	mg/Kg		05/09/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*100*		*60-140*						
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	**1.2 J**	1	0.72	100	ug/Kg		05/11/19	LZ	J
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019	**Site:**			
Sample #:	**415051-027**	**Client Sample #:**	DUP-20	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	1	0.27	5	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Acetone	ND	1	50	100	ug/Kg		05/11/19	LZ	
Allyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Benzene	**0.24 J**	1	0.18	5	ug/Kg		05/11/19	LZ	J
Bromobenzene	ND	1	0.3	5	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Bromoform	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Bromomethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Chloroethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Chloroform	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Chloromethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Ethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Isopropylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	1	0.38	5	ug/Kg		05/11/19	LZ	
Methylene chloride	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Naphthalene	ND	1	0.16	5	ug/Kg		05/11/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
N-propylbenzene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
o-Xylene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Sec-butylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
Styrene	ND	1	0.13	5	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Toluene	**0.33 J**	1	0.17	5	ug/Kg		05/11/19	LZ	J
trans-1,2-dichloroethene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Xylenes (Total)	ND	1	0.38	5	ug/Kg		05/11/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*103*	*70-145*	
4-Bromofluorobenzene (SUR)	*114*	*70-145*	
Dibromofluoromethane (SUR)	*101*	*70-145*	
Toluene-d8 (SUR)	*101*	*70-145*	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019	**Site:**			
Sample #:	**415051-028**	**Client Sample #:**	EB-050719A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3010A						QCBatchID: QC1201735		
Antimony	ND	1	0.014	0.04	mg/L	05/08/19	05/08/19	KLN	
Arsenic	ND	1	0.008	0.01	mg/L	05/08/19	05/08/19	KLN	
Barium	ND	1	0.002	0.01	mg/L	05/08/19	05/08/19	KLN	
Beryllium	ND	1	0.001	0.005	mg/L	05/08/19	05/08/19	KLN	
Cadmium	ND	1	0.001	0.005	mg/L	05/08/19	05/08/19	KLN	
Chromium	ND	1	0.002	0.01	mg/L	05/08/19	05/08/19	KLN	
Cobalt	ND	1	0.001	0.005	mg/L	05/08/19	05/08/19	KLN	
Copper	**0.010**	1	0.004	0.01	mg/L	05/08/19	05/08/19	KLN	
Lead	ND	1	0.005	0.01	mg/L	05/08/19	05/08/19	KLN	
Molybdenum	**0.0228**	1	0.005	0.01	mg/L	05/08/19	05/08/19	KLN	
Nickel	ND	1	0.003	0.02	mg/L	05/08/19	05/08/19	KLN	
Selenium	ND	1	0.016	0.03	mg/L	05/08/19	05/08/19	KLN	
Silver	ND	1	0.003	0.005	mg/L	05/08/19	05/08/19	KLN	
Thallium	**0.056**	1	0.009	0.05	mg/L	05/08/19	05/08/19	KLN	
Vanadium	ND	1	0.002	0.005	mg/L	05/08/19	05/08/19	KLN	
Zinc	ND	1	0.007	0.05	mg/L	05/08/19	05/08/19	KLN	
Method: EPA 7470A NELAC	Prep Method: Method						QCBatchID: QC1201826		
Mercury	ND	1	0.094	0.4	ug/L	05/09/19	05/13/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3510C						QCBatchID: QC1201730		
TPH Diesel	**0.06 J**	1	0.04	0.1	mg/L	05/07/19	05/08/19	TW	J
TPH Motor Oil	ND	1	0.07	0.3	mg/L	05/07/19	05/08/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*80*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201428		
TPH Gasoline	ND	1	16	50	ug/L		05/11/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*101*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	**8.2 J**	1	0.78	100	ug/L		05/10/19	LZ	J
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019	**Site:**			
Sample #:	**415051-028**	**Client Sample #:**	EB-050719A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*92*	*70-145*	
4-Bromofluorobenzene (SUR)	*120*	*70-145*	
Dibromofluoromethane (SUR)	*97*	*70-145*	
Toluene-d8 (SUR)	*102*	*70-145*	

Matrix: Water **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/07/2019 **Site:**
Sample #: 415051-029 **Client Sample #:** EB-050719B **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3010A							QCBatchID: QC1201735		
Antimony	ND	1	0.014	0.04	mg/L	05/08/19	05/08/19	KLN	
Arsenic	ND	1	0.008	0.01	mg/L	05/08/19	05/08/19	KLN	
Barium	ND	1	0.002	0.01	mg/L	05/08/19	05/08/19	KLN	
Beryllium	ND	1	0.001	0.005	mg/L	05/08/19	05/08/19	KLN	
Cadmium	ND	1	0.001	0.005	mg/L	05/08/19	05/08/19	KLN	
Chromium	ND	1	0.002	0.01	mg/L	05/08/19	05/08/19	KLN	
Cobalt	ND	1	0.001	0.005	mg/L	05/08/19	05/08/19	KLN	
Copper	**0.009 J**	1	0.004	0.01	mg/L	05/08/19	05/08/19	KLN	B1,J
Lead	ND	1	0.005	0.01	mg/L	05/08/19	05/08/19	KLN	
Molybdenum	**0.0178**	1	0.005	0.01	mg/L	05/08/19	05/08/19	KLN	
Nickel	ND	1	0.003	0.02	mg/L	05/08/19	05/08/19	KLN	
Selenium	ND	1	0.016	0.03	mg/L	05/08/19	05/08/19	KLN	
Silver	ND	1	0.003	0.005	mg/L	05/08/19	05/08/19	KLN	
Thallium	**0.027 J**	1	0.009	0.05	mg/L	05/08/19	05/08/19	KLN	
Vanadium	ND	1	0.002	0.005	mg/L	05/08/19	05/08/19	KLN	
Zinc	ND	1	0.007	0.05	mg/L	05/08/19	05/08/19	KLN	
Method: EPA 7470A NELAC Prep Method: Method							QCBatchID: QC1201826		
Mercury	ND	1	0.094	0.4	ug/L	05/09/19	05/13/19	JP	
Method: EPA 8015B NELAC Prep Method: EPA 3510C							QCBatchID: QC1201730		
TPH Diesel	ND	2	0.08	0.2	mg/L	05/07/19	05/08/19	TW	
TPH Motor Oil	ND	2	0.14	0.6	mg/L	05/07/19	05/08/19	TW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
Triacontane (SUR)	*88*		*50-150*						
Method: EPA 8015B NELAC Prep Method: EPA 5030B							QCBatchID: QC1201428		
TPH Gasoline	ND	1	16	50	ug/L		05/11/19	EW	
Surrogate	*% Recovery*		*Limits*		*Notes*				
4-Bromofluorobenzene (SUR)	*103*		*60-140*						
Method: EPA 8260B NELAC Prep Method: EPA 5030B							QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/10/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019	**Site:**			
Sample #:	**415051-029**	**Client Sample #:**	EB-050719B	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*91*	*70-145*	
4-Bromofluorobenzene (SUR)	*117*	*70-145*	
Dibromofluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*102*	*70-145*	

Matrix: Water	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/07/2019	**Site:**				
Sample #: 415051-030	**Client Sample #:** Trip Blank - A		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8260B NELAC Prep Method: EPA 5030B							QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/10/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019	**Site:**			
Sample #:	**415051-030**	**Client Sample #:**	Trip Blank - A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*92*	*70-145*	
4-Bromofluorobenzene (SUR)	*117*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*102*	*70-145*	

Matrix: Water	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/07/2019	**Site:**				
Sample #: 415051-031	**Client Sample #:** Trip Blank - B		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/10/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/07/2019	**Site:**			
Sample #:	**415051-031**	**Client Sample #:**	Trip Blank - B	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*92*	*70-145*	
4-Bromofluorobenzene (SUR)	*112*	*70-145*	
Dibromofluoromethane (SUR)	*97*	*70-145*	
Toluene-d8 (SUR)	*102*	*70-145*	

QCBatchID: QC1201428 **Analyst:** sandyw **Method:** EPA 8015B

Matrix: Water **Analyzed:** 05/10/2019 **Instrument:** VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201428MB1					
TPH (C6 to C12)	ND	ug/L	16	50	
TPH Gasoline	ND	ug/L	16	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201428LCS1, QC1201428LCSD1											
TPH Gasoline	500	500	510	540	ug/L	102	108	6	70-130	30	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201428MS1, QC1201428MSD1												**Source: 415037-001**
TPH Gasoline	ND	500	500	500	500	ug/L	100	100	0.0	70-130	30	

QCBatchID: QC1201730	**Analyst:** Jarriaga		**Method:** EPA 8015B		
Matrix: Water	**Analyzed:** 05/08/2019		**Instrument:** SVOA-GC (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201730MB1					
TPH (C13 to C40)	ND	mg/L	0.016	0.05	
TPH (C6 to C44) Total	ND	mg/L	0.04	0.3	
TPH Diesel	ND	mg/L	0.04	0.1	
TPH Motor Oil	ND	mg/L	0.07	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201730LCS1, QC1201730LCSD1											
TPH Diesel	1	1	0.82	0.87	mg/L	82	87	6	70-130	20	

QCBatchID: QC1201735 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/08/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201735MB1					
Antimony	ND	mg/L	0.014	0.04	
Arsenic	ND	mg/L	0.008	0.01	
Barium	ND	mg/L	0.002	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Cadmium	ND	mg/L	0.001	0.005	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.001	0.005	
Copper	**0.008 J**	mg/L	0.004	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.02	
Selenium	ND	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Thallium	ND	mg/L	0.009	0.05	
Vanadium	ND	mg/L	0.002	0.005	
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201735LCS1											
Antimony	2		2.24		mg/L	112			80-120		
Arsenic	2		1.93		mg/L	97			80-120		
Barium	2		2.05		mg/L	103			80-120		
Beryllium	2		1.90		mg/L	95			80-120		
Cadmium	2		2.02		mg/L	101			80-120		
Chromium	2		1.97		mg/L	99			80-120		
Cobalt	2		2.09		mg/L	105			80-120		
Copper	2		2.03		mg/L	102			80-120		
Lead	2		2.11		mg/L	106			80-120		
Molybdenum	2		2.10		mg/L	105			80-120		
Nickel	2		2.00		mg/L	100			80-120		
Selenium	2		1.88		mg/L	94			80-120		
Silver	2		2.00		mg/L	100			80-120		
Thallium	2		1.93		mg/L	97			80-120		
Vanadium	2		2.07		mg/L	104			80-120		
Zinc	2		2.00		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201735MS1, QC1201735MSD1												**Source: 415051-028**
Antimony	ND	1	1	0.997	0.977	mg/L	100	98	2.0	75-125	20	
Arsenic	ND	1	1	0.923	0.922	mg/L	92	92	0.1	75-125	20	
Barium	ND	1	1	0.967	0.988	mg/L	97	99	2.1	75-125	20	
Beryllium	ND	1	1	0.922	0.930	mg/L	92	93	0.9	75-125	20	
Cadmium	ND	1	1	0.949	0.978	mg/L	95	98	3.0	75-125	20	
Chromium	ND	1	1	0.930	0.940	mg/L	93	94	1.1	75-125	20	
Cobalt	ND	1	1	0.987	1.02	mg/L	99	102	3.3	75-125	20	
Copper	0.010	1	1	0.981	0.987	mg/L	97	98	0.6	75-125	20	
Lead	ND	1	1	1.01	1.03	mg/L	101	103	2.0	75-125	20	
Molybdenum	0.0228	1	1	1.01	1.01	mg/L	99	99	0.0	75-125	20	

QCBatchID: QC1201735 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/08/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201735MS1, QC1201735MSD1												**Source: 415051-028**
Nickel	ND	1	1	0.998	1.00	mg/L	100	100	0.2	75-125	20	
Selenium	ND	1	1	0.894	0.892	mg/L	90	89	0.2	75-125	20	
Silver	ND	1	1	0.948	0.957	mg/L	95	96	0.9	75-125	20	
Thallium	0.056	1	1	0.928	0.927	mg/L	87	87	0.1	75-125	20	
Vanadium	ND	1	1	0.965	0.979	mg/L	97	98	1.4	75-125	20	
Zinc	ND	1	1	0.946	0.992	mg/L	95	99	4.7	75-125	20	

QCBatchID:	**QC1201736**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/08/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201736MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201736LCS1, QC1201736LCSD1											
TPH Gasoline	5	5	5.6	5.6	mg/Kg	112	112	0	70-130	20	

QCBatchID:	**QC1201737**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/09/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201737MB1					
TPH (C6 to C12)	ND	mg/Kg	0.239	3	
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201737LCS1, QC1201737LCSD1											
TPH Gasoline	5	5	5.5	5.6	mg/Kg	110	112	2	70-130	20	

QCBatchID: QC1201763 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/08/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201763MB1					
Antimony	**0.51 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	**1.11**	mg/Kg	0.31	1	B
Lead	**0.94 J**	mg/Kg	0.32	1	
Molybdenum	**0.17 J**	mg/Kg	0.13	1	
Nickel	ND	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	ND	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	**1.04 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201763LCS1											
Antimony	100		110		mg/Kg	110			80-120		
Arsenic	100		100		mg/Kg	100			80-120		
Barium	100		106		mg/Kg	106			80-120		
Beryllium	100		102		mg/Kg	102			80-120		
Cadmium	100		102		mg/Kg	102			80-120		
Chromium	100		97.1		mg/Kg	97			80-120		
Cobalt	100		105		mg/Kg	105			80-120		
Copper	100		103		mg/Kg	103			80-120		
Lead	100		107		mg/Kg	107			80-120		
Molybdenum	100		105		mg/Kg	105			80-120		
Nickel	100		105		mg/Kg	105			80-120		
Selenium	100		93.3		mg/Kg	93			80-120		
Silver	100		98.5		mg/Kg	99			80-120		
Thallium	100		98.2		mg/Kg	98			80-120		
Vanadium	100		104		mg/Kg	104			80-120		
Zinc	100		99.7		mg/Kg	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201763MS1, QC1201763MSD1												**Source: 415012-001**
Antimony	ND	100	100	25.3	25.7	mg/Kg	25	26	1.6	75-125	20	M
Arsenic	5.66	100	100	98.3	94.7	mg/Kg	93	89	3.7	75-125	20	
Barium	96.8	100	100	191	231	mg/Kg	94	134	19.0	75-125	20	M
Beryllium	1.44	100	100	95.5	91.2	mg/Kg	94	90	4.6	75-125	20	
Cadmium	0.91	100	100	90.6	91.4	mg/Kg	90	90	0.9	75-125	20	
Chromium	2.05	100	100	88.0	88.1	mg/Kg	86	86	0.1	75-125	20	
Cobalt	1.76	100	100	90.8	91.5	mg/Kg	89	90	0.8	75-125	20	
Copper	12.8	100	100	110	103	mg/Kg	97	90	6.6	75-125	20	
Lead	6.77	100	100	102	99.1	mg/Kg	95	92	2.9	75-125	20	
Molybdenum	1.37	100	100	84.1	81.6	mg/Kg	83	80	3.0	75-125	20	

QCBatchID: QC1201763 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/08/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201763MS1, QC1201763MSD1												**Source: 415012-001**
Nickel	2.33	100	100	93.3	89.1	mg/Kg	91	87	4.6	75-125	20	
Selenium	ND	100	100	86.8	85.0	mg/Kg	87	85	2.1	75-125	20	
Silver	ND	100	100	88.8	89.5	mg/Kg	89	90	0.8	75-125	20	
Thallium	1.81	100	100	82.9	83.7	mg/Kg	81	82	1.0	75-125	20	
Vanadium	1.21	100	100	90.5	91.6	mg/Kg	89	90	1.2	75-125	20	
Zinc	486	100	100	574	605	mg/Kg	88	119	5.3	75-125	20	

QCBatchID: QC1201815	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/09/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201815MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
2-Hexanone	ND	ug/Kg	0.5	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon disulfide	ND	ug/Kg	0.8	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethanol	ND	ug/Kg	100	500	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	

QCBatchID: QC1201815 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201815MB1					
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl acetate	ND	ug/Kg	10.2	50	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201815LCS1											
1,1-Dichloroethene	50		50		ug/Kg	100			59-172		
Benzene	50		51		ug/Kg	102			62-137		
Chlorobenzene	50		51		ug/Kg	102			60-133		
Methyl-t-butyl Ether (MTBE)	50		44		ug/Kg	88			62-137		
Toluene	50		50		ug/Kg	100			59-139		
Trichloroethene	50		51		ug/Kg	102			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201815MS1, QC1201815MSD1												**Source: 414928-001**
1,1-Dichloroethene	ND	50	50	48	48	ug/Kg	96	96	0.0	59-172	22	
Benzene	ND	50	50	49	49	ug/Kg	98	98	0.0	62-137	24	
Chlorobenzene	ND	50	50	49	47	ug/Kg	98	94	4.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	46	46	ug/Kg	92	92	0.0	62-137	21	
Toluene	ND	50	50	49	48	ug/Kg	98	96	2.1	59-139	21	
Trichloroethene	ND	50	50	47	48	ug/Kg	94	96	2.1	66-142	21	

QCBatchID: QC1201818	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/09/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201818MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chloroethyl Vinyl Ether	ND	ug/Kg	0.3	5	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.21	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.23	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.42	5	
Isopropylbenzene	ND	ug/Kg	0.25	5	

QCBatchID: QC1201818 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201818MB1					
m and p-Xylene	ND	ug/Kg	0.38	5	
Methylene chloride	ND	ug/Kg	0.21	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.17	5	
Naphthalene	ND	ug/Kg	0.16	5	
N-butylbenzene	ND	ug/Kg	0.25	5	
N-propylbenzene	ND	ug/Kg	0.22	5	
o-Xylene	ND	ug/Kg	0.19	5	
Sec-butylbenzene	ND	ug/Kg	0.28	5	
Styrene	ND	ug/Kg	0.13	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.34	5	
Tetrachloroethene	ND	ug/Kg	0.23	5	
Toluene	ND	ug/Kg	0.17	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.19	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.18	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Trichloroethene	ND	ug/Kg	0.23	5	
Trichlorofluoromethane	ND	ug/Kg	0.23	5	
Vinyl Chloride	ND	ug/Kg	0.14	5	
Xylenes (Total)	ND	ug/Kg	0.38	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201818LCS1, QC1201818LCSD1											
1,1-Dichloroethene	50	50	47	48	ug/Kg	94	96	2	59-172	22	
Benzene	50	50	48	48	ug/Kg	96	96	0	62-137	24	
Chlorobenzene	50	50	48	49	ug/Kg	96	98	2	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	42	44	ug/Kg	84	88	5	62-137	21	
Toluene	50	50	47	48	ug/Kg	94	96	2	59-139	21	
Trichloroethene	50	50	47	47	ug/Kg	94	94	0	66-142	21	

QCBatchID: QC1201826 **Analyst:** JParedes **Method:** EPA 7470A

Matrix: Water **Analyzed:** 05/09/2019 **Instrument:** AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201826MB1					
Mercury	ND	ug/L	0.094	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201826LCS1											
Mercury	5		5.24		ug/L	105			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201826MS1, QC1201826MSD1												**Source: 415051-028**
Mercury	ND	5	5	5.15	5.25	ug/L	103	105	1.9	75-125	20	

QCBatchID: QC1201833	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/09/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201833MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	

QCBatchID: QC1201833 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201833MB1					
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201833LCS1											
1,1-Dichloroethene	50		51		ug/Kg	102			59-172		
Benzene	50		47		ug/Kg	94			62-137		
Chlorobenzene	50		46		ug/Kg	92			60-133		
Methyl-t-butyl Ether (MTBE)	50		46		ug/Kg	92			62-137		
Toluene	50		46		ug/Kg	92			59-139		
Trichloroethene	50		49		ug/Kg	98			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201833MS1, QC1201833MSD1												**Source: 415092-006**
1,1-Dichloroethene	ND	50	50	55	50	ug/Kg	110	100	9.5	59-172	22	
Benzene	ND	50	50	51	46	ug/Kg	102	92	10.3	62-137	24	
Chlorobenzene	ND	50	50	47	44	ug/Kg	94	88	6.6	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	50	46	ug/Kg	100	92	8.3	62-137	21	
Toluene	ND	50	50	48	44	ug/Kg	96	88	8.7	59-139	21	
Trichloroethene	ND	50	50	51	47	ug/Kg	102	94	8.2	66-142	21	

QCBatchID: QC1201839	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Water	**Analyzed:** 05/09/2019	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201839MB1					
1,1,1,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,1-Trichloroethane	ND	ug/L	0.38	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,2-Trichloroethane	ND	ug/L	0.25	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	0.29	5	
1,1-Dichloroethane	ND	ug/L	0.32	5	
1,1-Dichloroethene	ND	ug/L	0.3	5	
1,1-Dichloropropene	ND	ug/L	0.25	5	
1,2,3-Trichlorobenzene	ND	ug/L	0.28	5	
1,2,3-Trichloropropane	ND	ug/L	0.16	5	
1,2,4-Trichlorobenzene	ND	ug/L	0.27	5	
1,2,4-Trimethylbenzene	ND	ug/L	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.12	5	
1,2-Dibromoethane	ND	ug/L	0.19	5	
1,2-Dichlorobenzene	ND	ug/L	0.26	5	
1,2-Dichloroethane	ND	ug/L	0.2	5	
1,2-Dichloropropane	ND	ug/L	0.36	5	
1,3,5-Trimethylbenzene	ND	ug/L	0.24	5	
1,3-Dichlorobenzene	ND	ug/L	0.34	5	
1,3-Dichloropropane	ND	ug/L	0.19	5	
1,4-Dichlorobenzene	ND	ug/L	0.43	5	
2,2-Dichloropropane	ND	ug/L	0.32	5	
2-Butanone (MEK)	ND	ug/L	0.78	100	
2-Chloroethyl Vinyl Ether	ND	ug/L	0.23	10	
2-Chlorotoluene	ND	ug/L	0.33	5	
4-Chlorotoluene	ND	ug/L	0.31	5	
4-Isopropyltoluene	ND	ug/L	0.32	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	0.12	5	
Acetone	ND	ug/L	50	100	
Allyl Chloride	ND	ug/L	0.19	5	
Benzene	ND	ug/L	0.18	1	
Bromobenzene	ND	ug/L	0.53	5	
Bromochloromethane	ND	ug/L	0.17	5	
Bromodichloromethane	ND	ug/L	0.31	5	
Bromoform	ND	ug/L	0.13	5	
Bromomethane	ND	ug/L	0.68	5	
Carbon Tetrachloride	ND	ug/L	0.27	5	
Chlorobenzene	ND	ug/L	0.19	5	
Chlorodibromomethane	ND	ug/L	0.21	5	
Chloroethane	ND	ug/L	0.45	5	
Chloroform	ND	ug/L	0.18	5	
Chloromethane	ND	ug/L	0.27	5	
cis-1,2-Dichloroethene	ND	ug/L	0.27	5	
cis-1,3-dichloropropene	ND	ug/L	0.25	5	
cis-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Dibromomethane	ND	ug/L	0.23	5	
Dichlorodifluoromethane	ND	ug/L	0.33	5	
Di-isopropyl ether (DIPE)	ND	ug/L	0.17	1	
Ethylbenzene	ND	ug/L	0.21	5	
Ethyl-tertbutylether (ETBE)	ND	ug/L	0.23	1	
Hexachlorobutadiene	ND	ug/L	0.51	5	
Isopropylbenzene	ND	ug/L	0.24	5	

QCBatchID: QC1201839 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Water **Analyzed:** 05/09/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201839MB1					
m and p-Xylene	ND	ug/L	0.45	5	
Methylene chloride	ND	ug/L	0.16	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.19	1	
Naphthalene	ND	ug/L	0.25	5	
N-butylbenzene	ND	ug/L	0.25	5	
N-propylbenzene	ND	ug/L	0.31	5	
o-Xylene	ND	ug/L	0.29	5	
Sec-butylbenzene	ND	ug/L	0.32	5	
Styrene	ND	ug/L	0.22	5	
t-Butyl alcohol (TBA)	ND	ug/L	5.2	10	
Tert-amylmethylether (TAME)	ND	ug/L	0.19	5	
Tert-butylbenzene	ND	ug/L	0.4	5	
Tetrachloroethene	ND	ug/L	0.8	5	
Toluene	ND	ug/L	0.24	5	
trans-1,2-dichloroethene	ND	ug/L	0.33	5	
trans-1,3-dichloropropene	ND	ug/L	0.23	5	
trans-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Trichloroethene	ND	ug/L	0.39	5	
Trichlorofluoromethane	ND	ug/L	0.25	5	
Vinyl Chloride	ND	ug/L	0.18	5	
Xylenes (Total)	ND	ug/L	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201839LCS1											
1,1-Dichloroethene	50		48		ug/L	96			59-172		
Benzene	50		50		ug/L	100			62-137		
Chlorobenzene	50		49		ug/L	98			60-133		
Methyl-t-butyl Ether (MTBE)	50		44		ug/L	88			62-137		
Toluene	50		50		ug/L	100			59-139		
Trichloroethene	50		49		ug/L	98			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201839MS1, QC1201839MSD1												**Source: 415009-002**
1,1-Dichloroethene	7.5	50	50	54	53	ug/L	93	91	1.9	59-172	22	
Benzene	ND	50	50	48	48	ug/L	96	96	0.0	62-137	24	
Chlorobenzene	ND	50	50	48	48	ug/L	96	96	0.0	60-133	24	
Methyl-t-butyl Ether (MTBE)	0.30	50	50	43	43	ug/L	85	85	0.0	62-137	21	
Toluene	ND	50	50	48	48	ug/L	96	96	0.0	59-139	21	
Trichloroethene	0.57	50	50	48	47	ug/L	95	93	2.1	66-142	21	

QCBatchID: QC1201894	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Solid	**Analyzed:** 05/11/2019	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201894MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	

QCBatchID: QC1201894 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/11/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201894MB1					
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201894LCS1											
1,1-Dichloroethene	50		51		ug/Kg	102			59-172		
Benzene	50		48		ug/Kg	96			62-137		
Chlorobenzene	50		46		ug/Kg	92			60-133		
Methyl-t-butyl Ether (MTBE)	50		40		ug/Kg	80			62-137		
Toluene	50		48		ug/Kg	96			59-139		
Trichloroethene	50		51		ug/Kg	102			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201894MS1, QC1201894MSD1												**Source: 415176-012**
1,1-Dichloroethene	ND	50	50	49	49	ug/Kg	98	98	0.0	59-172	22	
Benzene	ND	50	50	45	45	ug/Kg	90	90	0.0	62-137	24	
Chlorobenzene	ND	50	50	44	43	ug/Kg	88	86	2.3	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	38	40	ug/Kg	76	80	5.1	62-137	21	
Toluene	ND	50	50	44	44	ug/Kg	88	88	0.0	59-139	21	
Trichloroethene	ND	50	50	46	47	ug/Kg	92	94	2.2	66-142	21	

QCBatchID: QC1201910 **Analyst:** Jarriaga **Method:** EPA 8015B

Matrix: Solid **Analyzed:** 05/13/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201910MB1					
1,1-biphenyl	ND	mg/Kg	0.4	0.4	
1,1-oxybisbenzene	ND	mg/Kg	0.4	0.4	
TPH (C8 to C40)	**2.20**	mg/Kg		3	
TPH Diesel	**1.39**	mg/Kg	0.022	1	B
TPH Motor Oil	ND	mg/Kg	2.1	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201910LCS1											
1,1-biphenyl	10				mg/Kg				70-130		
1,1-oxybisbenzene	10				mg/Kg				70-130		
TPH Diesel	25		20.0		mg/Kg	80			52-122		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201910MS1, QC1201910MSD1												**Source: 415051-001**
TPH Diesel	1.99	25	25	20.4	21.1	mg/Kg	74	76	3.4	70-130	20	

QCBatchID: QC1201911	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/13/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201911MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	

QCBatchID: QC1201911 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/13/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201911MB1					
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201911LCS1											
1,1-Dichloroethene	50		40		ug/Kg	80			59-172		
Benzene	50		44		ug/Kg	88			62-137		
Chlorobenzene	50		43		ug/Kg	86			60-133		
Methyl-t-butyl Ether (MTBE)	50		35		ug/Kg	70			62-137		
Toluene	50		44		ug/Kg	88			59-139		
Trichloroethene	50		47		ug/Kg	94			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201911MS1, QC1201911MSD1												**Source: 414929-006**
1,1-Dichloroethene	ND	50	50	37	36	ug/Kg	74	72	2.7	59-172	22	
Benzene	ND	50	50	41	41	ug/Kg	82	82	0.0	62-137	24	
Chlorobenzene	ND	50	50	40	39	ug/Kg	80	78	2.5	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	37	37	ug/Kg	74	74	0.0	62-137	21	
Toluene	0.53	50	50	40	40	ug/Kg	79	79	0.0	59-139	21	
Trichloroethene	ND	50	50	46	47	ug/Kg	92	94	2.2	66-142	21	

QCBatchID: QC1201929 **Analyst:** JParedes **Method:** EPA 7471A

Matrix: Solid **Analyzed:** 05/14/2019 **Instrument:** AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201929MB1					
Mercury	ND	mg/Kg	0.039	0.14	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201929LCS1											
Mercury	0.83		0.80		mg/Kg	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201929MS1, QC1201929MSD1												**Source: 415012-001**
Mercury	ND	0.83	0.83	0.76	0.77	mg/Kg	92	93	1.3	75-125	20	

QCBatchID: QC1201969 **Analyst:** JParedes **Method:** EPA 7471A

Matrix: Solid **Analyzed:** 05/14/2019 **Instrument:** AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201969MB1					
Mercury	ND	mg/Kg	0.039	0.14	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201969LCS1											
Mercury	0.83		0.89		mg/Kg	107			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201969MS1, QC1201969MSD1												**Source: 415102-009**
Mercury	ND	0.83	0.83	0.89	0.91	mg/Kg	107	110	2.2	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 415051

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: T22 Metals (6010B/7471A)	TPHd,o (8015B)	TPH4 (8015B/5035)	VOCs (8260B/5035)	Hold	Test Instructions / Comments
1	AOC4-B2-W1-5'	5/7/19	0903	SOIL	1-6"sleeve 5 VOAs	ICE	X	X	X	X		
2	AOC4-B2-W1-10'		0910								X	
3	AOC4-B2-W1-15'		0940				X	X	X	X		
4	AOC4-B2-W1-20'		0952								X	
5	AOC4-B2-E1-5'		1020				X	X	X	X		
6	AOC4-B2-E1-10'		1027								X	
7	AOC4-B2-E1-15'		1035				X	X	X	X		
8	AOC4-B2-E1-20'		1047								X	
9	AOC4-B2-S1-5'		1128				X	X	X	X		
10	AOC4-B2-S1-10'	↓	1134	↓	↓	↓					X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/7/19 1800
[1] Received By:			EA	05/07/19 1800
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Phone 714-771-6900

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	T22 Metals (6010B/7471A)	TPHd,o (8015B)	TPHg (8015B/5035)	VOCs (8260B/5035)	Hold	Test Instructions / Comments
11	AOC4-B2-S1-15'	5/7/19	1147	SOIL	1-6" sleeve 5-VOAs	ICE	X	X	X	X		
12	AOC4-B2-S1-20'		1202								X	
13	AOC4-B2-N1-5'		1220				X	X	X	X		
14	AOC4-B2-N1-10'		1226								X	
15	AOC4-B2-N1-15'		1240				X	X	X	X		
16	AOC4-B2-N1-20'		1255								X	
17	AOC4-B18-E1-5'		1537				X	X	X	X		
18	AOC4-B18-E1-10'		1545								X	
19	AOC4-B18-E1-15'		1600				X	X	X	X		
20	AOC4-B18-E1-20'	↓	1620	↓	↓	↓					X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/7/19 1800
[1] Received By:		Lea Leatherman	EA	05/07/19 1800
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 3 of 4

Turn Around Time (rush by advanced notice only)

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2 Day:		1 Day:		Custom TAT:	

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: T22 Metals (6010B/7471A)	TPHd,O (8015B)	TPHg (8015B/5035)	VOCs (8260B/5035)	Hold	Test Instructions / Comments
21	ADC4-B18-W1-5'	5/7/18	1439	SOIL	1-6"sleeve 5-VOAs	ICE	X	X	X	X		
22	ADC4-B18-W1-10'		1444								X	
23	ADC4-B18-W1-15'		1455				X	X	X	X		
24	ADC4-B18-W1-20'		1521								X	
25	DUP-18		—		1-6"sleeve 4-VOAs		X	X	X	X		
26	DUP-19		—				X	X	X	X		
27	DUP-20		—				X	X	X	X		
28	EB-050719A		—	H_2O	Various		X	X	X	X		
29	EB-050719B		—		Various		X	X	X	X		
30	Trip Blank-A		—		2-VOAs					X		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/7/19 1800
[1] Received By:		Leatherman	EA	05/07/19 1600
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 4 of 4

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

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Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: VOCs (8260B)	Test Instructions / Comments
1	Trip Blank-B	5/7/19	—	H_2O	2 VOAs	ICE	X	
2								
3								
4								
5								
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/7/19 1800
[1] Received By:		Lisa Featherman	EA	05/07/19 1800
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton HS PEA

Date Received: 5/7/19 Sampler's Name Present: [X] Yes [ ] No

Section 2

Sample(s) received in a cooler? [✓] Yes, How many? 2 [ ] No (skip section 2) Sample Temp (°C) (No Cooler): ____

Sample Temp (°C), One from each cooler: #1: 4.5 #2: 4.2 #3: ____ #4: ____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: ____

Section 3

Was the cooler packed with: [✓] Ice [ ] Ice Packs [ ] Bubble Wrap [ ] Styrofoam [ ] Paper [ ] None [ ] Other ____

Cooler Temp (°C): #1: -0.3 #2: -0.3 #3: ____ #4: ____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	~~✓~~	✓	
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

#5/7

Section 5 Explanations/Comments

1L poly received for -029. Client is aware.

Section 6

For discrepancies, how was the Project Manager notified? [ ] Verbal PM Initials: ____ Date/Time ____

[✓] Email (email sent to/on): RC / 5/7/19

Project Manager's response:

Completed By: [signature] Date: 05/07/19

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip

Lab Request: 415102
Report Date: 07/02/2019
Date Received: 05/08/2019
Client ID: 15461

Comments: Compton High School PEA
#210886001
601 S. Acacia Ave., Compton, CA 90220

Supplemental Report 1 - Additional Lead results requested on 06/28/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
415102-001	AOC4-B18-S1-5'
415102-002	AOC4-B18-S1-10'
415102-003	AOC4-B18-S1-15'
415102-004	AOC4-B18-S1-20'
415102-005	AOC4-B19-S1-5'
415102-006	AOC4-B19-S1-10'
415102-007	AOC4-B19-S1-15'
415102-008	AOC4-B19-S1-20'
415102-009	AOC4-B19-E1-5'
415102-010	AOC4-B19-E1-10'
415102-011	AOC4-B19-E1-15'
415102-012	AOC4-B19-E1-20'
415102-013	AOC4-B19-W1-5'
415102-014	AOC4-B19-W1-10'
415102-015	AOC4-B19-W1-15'
415102-016	AOC4-B19-W1-20'
415102-017	AOC4-B19-N1-5'
415102-018	AOC4-B19-N1-10'
415102-019	AOC4-B19-N1-15'
415102-020	AOC4-B19-N1-20'
415102-021	EB-050819A
415102-022	EB-050819B
415102-023	Trip Blank
415102-024	Trip Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/08/2019 08:10 **Site:**
Sample #: 415102-001 **Client Sample #:** AOC4-B18-S1-5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201812		
Antimony	ND	1	0.37	3	mg/Kg	05/09/19	05/10/19	SBW	
Arsenic	**10.7**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**132**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**0.79**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**17.9**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**11.7**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**19.0**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**121**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	**0.19 J**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**12.3**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	ND	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**37.4**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**144**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	**0.05 J**	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201866		
TPH Diesel	**60.4**	2	0.044	6	mg/Kg	05/10/19	05/15/19	TW	B
TPH Motor Oil	**138**	2	4.2	10	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*102*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201448		
TPH Gasoline	ND	0.91	0.21749	2.73	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.7	0.168	3.5	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.7	0.105	3.5	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.7	0.203	3.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.7	0.154	3.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	0.518	3.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.7	0.161	3.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.7	0.126	3.5	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.7	0.147	3.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.7	0.14	3.5	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.7	0.231	3.5	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.7	0.14	3.5	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.7	0.084	3.5	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.7	0.098	3.5	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.7	0.238	3.5	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.7	0.147	3.5	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.7	0.168	3.5	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	**5.3 J**	0.7	0.504	70	ug/Kg		05/10/19	LZ	J
2-Chlorotoluene	ND	0.7	0.175	3.5	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 08:10	**Site:**			
Sample #:	**415102-001**	**Client Sample #:**	AOC4-B18-S1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.7	0.154	3.5	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.7	0.189	3.5	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	0.119	3.5	ug/Kg		05/10/19	LZ	
Acetone	**38 J**	0.7	35	70	ug/Kg		05/10/19	LZ	J
Allyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/10/19	LZ	
Benzene	**3.7**	0.7	0.126	3.5	ug/Kg		05/10/19	LZ	
Bromobenzene	ND	0.7	0.21	3.5	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.7	0.126	3.5	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.7	0.14	3.5	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.7	0.133	3.5	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.7	0.154	3.5	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.7	0.126	3.5	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.7	0.133	3.5	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.7	0.14	3.5	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.7	0.119	3.5	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.7	0.147	3.5	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.7	0.14	3.5	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.7	0.14	3.5	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.7	0.147	3.5	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.7	0.147	3.5	ug/Kg		05/10/19	LZ	
Ethylbenzene	**0.24 J**	0.7	0.161	3.5	ug/Kg		05/10/19	LZ	J
Ethyl-tertbutylether (ETBE)	ND	0.7	0.294	3.5	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.7	0.294	3.5	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/10/19	LZ	
m and p-Xylene	**0.31 J**	0.7	0.266	3.5	ug/Kg		05/10/19	LZ	J
Methylene chloride	ND	0.7	0.147	3.5	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.7	0.119	3.5	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.7	0.112	3.5	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.7	0.154	3.5	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.7	0.133	3.5	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/10/19	LZ	
Styrene	ND	0.7	0.091	3.5	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.7	6.16	7	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.7	0.133	3.5	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.7	0.238	3.5	ug/Kg		05/10/19	LZ	
Tetrachloroethene	**0.22 J**	0.7	0.161	3.5	ug/Kg		05/10/19	LZ	J
Toluene	**1.9 J**	0.7	0.119	3.5	ug/Kg		05/10/19	LZ	J
trans-1,2-dichloroethene	ND	0.7	0.133	3.5	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.7	0.126	3.5	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.7	0.161	3.5	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/10/19	LZ	
Xylenes (Total)	**0.31 J**	0.7	0.266	3.5	ug/Kg		05/10/19	LZ	J

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*107*	*70-145*	
4-Bromofluorobenzene (SUR)	*118*	*70-145*	
Dibromofluoromethane (SUR)	*100*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 08:14	**Site:**			
Sample #:	**415102-002**	**Client Sample #:**	AOC4-B18-S1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**4.86**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 08:25	**Site:**			
Sample #:	**415102-003**	**Client Sample #:**	AOC4-B18-S1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201812		
Antimony	ND	1	0.37	3	mg/Kg	05/09/19	05/10/19	SBW	
Arsenic	**7.04**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**105**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**0.78**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**29.2**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**14.7**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**35.5**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**7.12**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	**0.43 J**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**23.7**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	ND	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**58.3**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**71.8**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201866		
TPH Diesel	**0.9 J**	1	0.022	3	mg/Kg	05/10/19	05/15/19	TW	B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*65*			*50-150*					
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201448		
TPH Gasoline	ND	0.96	0.22944	2.88	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.8	0.12	4	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.8	0.232	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.8	0.592	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.8	0.264	4	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.8	0.096	4	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.8	0.192	4	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	**1.5 J**	0.8	0.576	80	ug/Kg		05/10/19	LZ	J
2-Chlorotoluene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 08:25	**Site:**			
Sample #:	**415102-003**	**Client Sample #:**	AOC4-B18-S1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.8	0.216	4	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Acetone	ND	0.8	40	80	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Benzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Bromobenzene	ND	0.8	0.24	4	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.8	0.336	4	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	0.8	0.304	4	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	0.8	0.168	4	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.8	0.128	4	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.8	0.2	4	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.8	0.176	4	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.8	0.224	4	ug/Kg		05/10/19	LZ	
Styrene	ND	0.8	0.104	4	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.8	7.04	8	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.8	0.272	4	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Toluene	ND	0.8	0.136	4	ug/Kg		05/10/19	LZ	
trans-1,2-dichloroethene	ND	0.8	0.152	4	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.8	0.144	4	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.8	0.16	4	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.8	0.184	4	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.8	0.112	4	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	0.8	0.304	4	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*108*	*70-145*	
4-Bromofluorobenzene (SUR)	*112*	*70-145*	
Dibromofluoromethane (SUR)	*100*	*70-145*	
Toluene-d8 (SUR)	*98*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 08:40	**Site:**			
Sample #:	**415102-004**	**Client Sample #:**	AOC4-B18-S1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/08/2019 09:10 **Site:**
Sample #: 415102-005 **Client Sample #:** AOC4-B19-S1-5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201812		
Antimony	ND	1	0.37	3	mg/Kg	05/09/19	05/10/19	SBW	
Arsenic	**1.40**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**90.1**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**0.42 J**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**12.6**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**9.07**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**10.0**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**3.12**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	**0.39 J**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**8.52**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	ND	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**28.6**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**39.8**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201866		
TPH Diesel	**3.63**	1	0.022	3	mg/Kg	05/10/19	05/15/19	TW	B
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*61*		*50-150*						
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201448		
TPH Gasoline	ND	1.11	0.26529	3.33	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*80*		*60-140*						
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	1.3	0.312	6.5	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1.3	0.195	6.5	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1.3	0.377	6.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1.3	0.286	6.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1.3	0.962	6.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	1.3	0.299	6.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	1.3	0.234	6.5	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	1.3	0.273	6.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1.3	0.234	6.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1.3	0.26	6.5	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1.3	0.429	6.5	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1.3	0.364	6.5	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1.3	0.26	6.5	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	1.3	0.156	6.5	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1.3	0.234	6.5	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	1.3	0.182	6.5	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	1.3	0.442	6.5	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1.3	0.299	6.5	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1.3	0.273	6.5	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	1.3	0.247	6.5	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1.3	0.312	6.5	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	1.3	0.247	6.5	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	**4.9 J**	1.3	0.936	130	ug/Kg		05/10/19	LZ	J
2-Chlorotoluene	ND	1.3	0.325	6.5	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 09:10	**Site:**			
Sample #:	**415102-005**	**Client Sample #:**	AOC4-B19-S1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1.3	0.286	6.5	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	1.3	0.351	6.5	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1.3	0.221	6.5	ug/Kg		05/10/19	LZ	
Acetone	ND	1.3	65	130	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	1.3	0.182	6.5	ug/Kg		05/10/19	LZ	
Benzene	**2.1 J**	1.3	0.234	6.5	ug/Kg		05/10/19	LZ	J
Bromobenzene	ND	1.3	0.39	6.5	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	1.3	0.234	6.5	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	1.3	0.26	6.5	ug/Kg		05/10/19	LZ	
Bromoform	ND	1.3	0.247	6.5	ug/Kg		05/10/19	LZ	
Bromomethane	ND	1.3	0.286	6.5	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	1.3	0.234	6.5	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	1.3	0.234	6.5	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	1.3	0.247	6.5	ug/Kg		05/10/19	LZ	
Chloroethane	ND	1.3	0.26	6.5	ug/Kg		05/10/19	LZ	
Chloroform	ND	1.3	0.221	6.5	ug/Kg		05/10/19	LZ	
Chloromethane	ND	1.3	0.273	6.5	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1.3	0.26	6.5	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1.3	0.26	6.5	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1.3	0.26	6.5	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	1.3	0.273	6.5	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	1.3	0.299	6.5	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1.3	0.273	6.5	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	1.3	0.299	6.5	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1.3	0.546	6.5	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	1.3	0.546	6.5	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	1.3	0.325	6.5	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	1.3	0.494	6.5	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	1.3	0.273	6.5	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1.3	0.221	6.5	ug/Kg		05/10/19	LZ	
Naphthalene	ND	1.3	0.208	6.5	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	1.3	0.325	6.5	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	1.3	0.286	6.5	ug/Kg		05/10/19	LZ	
o-Xylene	ND	1.3	0.247	6.5	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	1.3	0.364	6.5	ug/Kg		05/10/19	LZ	
Styrene	ND	1.3	0.169	6.5	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1.3	11.44	13	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1.3	0.247	6.5	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	1.3	0.442	6.5	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	1.3	0.299	6.5	ug/Kg		05/10/19	LZ	
Toluene	**1.3 J**	1.3	0.221	6.5	ug/Kg		05/10/19	LZ	J
trans-1,2-dichloroethene	ND	1.3	0.247	6.5	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1.3	0.234	6.5	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1.3	0.26	6.5	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	1.3	0.299	6.5	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	1.3	0.299	6.5	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	1.3	0.182	6.5	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	1.3	0.494	6.5	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*101*	*70-145*	
4-Bromofluorobenzene (SUR)	*112*	*70-145*	
Dibromofluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*103*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 09:14	**Site:**			
Sample #:	**415102-006**	**Client Sample #:**	AOC4-B19-S1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 09:25	**Site:**			
Sample #:	**415102-007**	**Client Sample #:**	AOC4-B19-S1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201812		
Antimony	ND	1	0.37	3	mg/Kg	05/09/19	05/10/19	SBW	
Arsenic	**4.94**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**116**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**0.75**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**25.2**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**11.2**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**19.2**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**6.27**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	ND	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**15.8**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	**1.44 J**	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**49.0**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**68.4**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201866		
TPH Diesel	**2.43 J**	1	0.022	3	mg/Kg	05/10/19	05/15/19	TW	B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*53*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201448		
TPH Gasoline	ND	0.83	0.19837	2.49	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201818		
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg		05/10/19	LZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
2-Butanone (MEK)	ND	0.9	0.648	90	ug/Kg		05/10/19	LZ	
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 09:25	**Site:**			
Sample #:	**415102-007**	**Client Sample #:**	AOC4-B19-S1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Acetone	ND	0.9	45	90	ug/Kg		05/10/19	LZ	
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Benzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg		05/10/19	LZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Ethylbenzene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		05/10/19	LZ	
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	
Methylene chloride	ND	0.9	0.189	4.5	ug/Kg		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		05/10/19	LZ	
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		05/10/19	LZ	
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		05/10/19	LZ	
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		05/10/19	LZ	
Styrene	ND	0.9	0.117	4.5	ug/Kg		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	0.9	7.92	9	ug/Kg		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		05/10/19	LZ	
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Toluene	**0.18 J**	0.9	0.153	4.5	ug/Kg		05/10/19	LZ	J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		05/10/19	LZ	
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		05/10/19	LZ	
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		05/10/19	LZ	
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		05/10/19	LZ	
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*104*	*70-145*	
4-Bromofluorobenzene (SUR)	*113*	*70-145*	
Dibromofluoromethane (SUR)	*98*	*70-145*	
Toluene-d8 (SUR)	*102*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 09:40	**Site:**			
Sample #:	**415102-008**	**Client Sample #:**	AOC4-B19-S1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 10:25	**Site:**			
Sample #:	**415102-009**	**Client Sample #:**	AOC4-B19-E1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201813		
Antimony	**0.62 J**	1	0.37	3	mg/Kg	05/09/19	05/13/19	SBW	B1,J
Arsenic	**1.40**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**120**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**0.63**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**14.9**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**10.7**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**12.5**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**3.64**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	**0.42 J**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**9.87**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	**3.25**	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**36.2**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**48.1**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201866		
TPH Diesel	**2.09 J**	1	0.022	3	mg/Kg	05/10/19	05/15/19	TW	B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*63*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201448		
TPH Gasoline	ND	1.06	0.25334	3.18	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201891		
1,1,1,2-Tetrachloroethane	ND	1.1	0.264	5.5	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	1.1	0.165	5.5	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1.1	0.319	5.5	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	1.1	0.242	5.5	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1.1	0.814	5.5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	1.1	0.253	5.5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	1.1	0.198	5.5	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	1.1	0.231	5.5	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	1.1	0.198	5.5	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	1.1	0.22	5.5	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	1.1	0.363	5.5	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	ND	1.1	0.308	5.5	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1.1	0.22	5.5	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	1.1	0.132	5.5	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	1.1	0.198	5.5	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	1.1	0.154	5.5	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	1.1	0.374	5.5	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	ND	1.1	0.253	5.5	ug/Kg		05/11/19	LZ	
1,3-Dichlorobenzene	ND	1.1	0.231	5.5	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	1.1	0.209	5.5	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	1.1	0.264	5.5	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	1.1	0.209	5.5	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	**3.7 J**	1.1	0.792	110	ug/Kg		05/11/19	LZ	J
2-Chlorotoluene	ND	1.1	0.275	5.5	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 10:25	**Site:**			
Sample #:	**415102-009**	**Client Sample #:**	AOC4-B19-E1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1.1	0.242	5.5	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	1.1	0.297	5.5	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1.1	0.187	5.5	ug/Kg		05/11/19	LZ	
Acetone	**130**	1.1	55	110	ug/Kg		05/11/19	LZ	
Allyl Chloride	ND	1.1	0.154	5.5	ug/Kg		05/11/19	LZ	
Benzene	**2.5 J**	1.1	0.198	5.5	ug/Kg		05/11/19	LZ	J
Bromobenzene	ND	1.1	0.33	5.5	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	1.1	0.198	5.5	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	1.1	0.22	5.5	ug/Kg		05/11/19	LZ	
Bromoform	ND	1.1	0.209	5.5	ug/Kg		05/11/19	LZ	
Bromomethane	ND	1.1	0.242	5.5	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	1.1	0.198	5.5	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	1.1	0.198	5.5	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	1.1	0.209	5.5	ug/Kg		05/11/19	LZ	
Chloroethane	ND	1.1	0.22	5.5	ug/Kg		05/11/19	LZ	
Chloroform	ND	1.1	0.187	5.5	ug/Kg		05/11/19	LZ	
Chloromethane	ND	1.1	0.231	5.5	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	1.1	0.22	5.5	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	1.1	0.22	5.5	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	1.1	0.22	5.5	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	1.1	0.231	5.5	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	1.1	0.253	5.5	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	1.1	0.231	5.5	ug/Kg		05/11/19	LZ	
Ethylbenzene	ND	1.1	0.253	5.5	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1.1	0.462	5.5	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	1.1	0.462	5.5	ug/Kg		05/11/19	LZ	
Isopropylbenzene	ND	1.1	0.275	5.5	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	1.1	0.418	5.5	ug/Kg		05/11/19	LZ	
Methylene chloride	**9.4**	1.1	0.231	5.5	ug/Kg		05/11/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1.1	0.187	5.5	ug/Kg		05/11/19	LZ	
Naphthalene	ND	1.1	0.176	5.5	ug/Kg		05/11/19	LZ	
N-butylbenzene	ND	1.1	0.275	5.5	ug/Kg		05/11/19	LZ	
N-propylbenzene	ND	1.1	0.242	5.5	ug/Kg		05/11/19	LZ	
o-Xylene	ND	1.1	0.209	5.5	ug/Kg		05/11/19	LZ	
Sec-butylbenzene	ND	1.1	0.308	5.5	ug/Kg		05/11/19	LZ	
Styrene	ND	1.1	0.143	5.5	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	1.1	9.68	11	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	1.1	0.209	5.5	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	1.1	0.374	5.5	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	1.1	0.253	5.5	ug/Kg		05/11/19	LZ	
Toluene	**1.9 J**	1.1	0.187	5.5	ug/Kg		05/11/19	LZ	J
trans-1,2-dichloroethene	ND	1.1	0.209	5.5	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	1.1	0.198	5.5	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	1.1	0.22	5.5	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	1.1	0.253	5.5	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	1.1	0.253	5.5	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	1.1	0.154	5.5	ug/Kg		05/11/19	LZ	
Xylenes (Total)	ND	1.1	0.418	5.5	ug/Kg		05/11/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*106*	*70-145*	
4-Bromofluorobenzene (SUR)	*94*	*70-145*	
Dibromofluoromethane (SUR)	*98*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 10:30	**Site:**			
Sample #:	**415102-010**	**Client Sample #:**	AOC4-B19-E1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/08/2019 10:47 **Site:**
Sample #: 415102-011 **Client Sample #:** AOC4-B19-E1-15' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201813		
Antimony	**1.08 J**	1	0.37	3	mg/Kg	05/09/19	05/13/19	SBW	B1,J
Arsenic	**3.55**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**97.4**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**1.00**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**19.9**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**10.0**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**22.1**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**5.16**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	**0.97 J**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**17.1**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	**2.29 J**	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**37.6**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**42.9**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	**0.04 J**	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	J
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201866		
TPH Diesel	**1.65 J**	1	0.022	3	mg/Kg	05/10/19	05/15/19	TW	B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*73*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201448		
TPH Gasoline	ND	0.98	0.23422	2.94	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*105*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201891		
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	ND	1	0.72	100	ug/Kg		05/11/19	LZ	
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 10:47	**Site:**			
Sample #:	**415102-011**	**Client Sample #:**	AOC4-B19-E1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	1	0.27	5	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Acetone	ND	1	50	100	ug/Kg		05/11/19	LZ	
Allyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Benzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Bromobenzene	ND	1	0.3	5	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Bromoform	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Bromomethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Chloroethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Chloroform	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Chloromethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Ethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Isopropylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	1	0.38	5	ug/Kg		05/11/19	LZ	
Methylene chloride	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Naphthalene	ND	1	0.16	5	ug/Kg		05/11/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
N-propylbenzene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
o-Xylene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Sec-butylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
Styrene	ND	1	0.13	5	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Toluene	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
trans-1,2-dichloroethene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Xylenes (Total)	ND	1	0.38	5	ug/Kg		05/11/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*107*	*70-145*	
4-Bromofluorobenzene (SUR)	*108*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 10:57	**Site:**			
Sample #:	**415102-012**	**Client Sample #:**	AOC4-B19-E1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 11:20	**Site:**			
Sample #:	**415102-013**	**Client Sample #:**	AOC4-B19-W1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201813		
Antimony	ND	1	0.37	3	mg/Kg	05/09/19	05/13/19	SBW	
Arsenic	**1.31**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**126**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**0.60**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**14.8**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**10.3**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**11.7**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**3.92**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	**0.25 J**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**9.63**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	**2.10 J**	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**34.4**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**45.6**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201866		
TPH Diesel	**2.19 J**	1	0.022	3	mg/Kg	05/10/19	05/15/19	TW	B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*63*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201448		
TPH Gasoline	ND	1.09	0.26051	3.27	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*95*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201891		
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	ND	1	0.72	100	ug/Kg		05/11/19	LZ	
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 11:20	**Site:**			
Sample #:	**415102-013**	**Client Sample #:**	AOC4-B19-W1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	1	0.27	5	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Acetone	**82 J**	1	50	100	ug/Kg		05/11/19	LZ	J
Allyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Benzene	**0.91 J**	1	0.18	5	ug/Kg		05/11/19	LZ	J
Bromobenzene	ND	1	0.3	5	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Bromoform	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Bromomethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Chloroethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Chloroform	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Chloromethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Ethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Isopropylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	1	0.38	5	ug/Kg		05/11/19	LZ	
Methylene chloride	**0.68 J**	1	0.21	5	ug/Kg		05/11/19	LZ	J
Methyl-t-butyl Ether (MTBE)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Naphthalene	ND	1	0.16	5	ug/Kg		05/11/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
N-propylbenzene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
o-Xylene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Sec-butylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
Styrene	ND	1	0.13	5	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Toluene	**0.68 J**	1	0.17	5	ug/Kg		05/11/19	LZ	J
trans-1,2-dichloroethene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Xylenes (Total)	ND	1	0.38	5	ug/Kg		05/11/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*104*	*70-145*	
4-Bromofluorobenzene (SUR)	*95*	*70-145*	
Dibromofluoromethane (SUR)	*97*	*70-145*	
Toluene-d8 (SUR)	*99*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 11:27	**Site:**			
Sample #:	**415102-014**	**Client Sample #:**	AOC4-B19-W1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/08/2019 11:38 **Site:**
Sample #: 415102-015 **Client Sample #:** AOC4-B19-W1-15' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B							QCBatchID: QC1201813		
Antimony	ND	1	0.37	3	mg/Kg	05/09/19	05/13/19	SBW	
Arsenic	**4.96**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**159**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**1.37**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**24.8**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**22.3**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**23.0**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**9.83**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	**1.43**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**20.2**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	**1.04 J**	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**61.4**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**82.7**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A NELAC Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B NELAC Prep Method: EPA 3545							QCBatchID: QC1201866		
TPH Diesel	**2.26 J**	1	0.022	3	mg/Kg	05/10/19	05/15/19	TW	B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*62*			*50-150*					
Method: EPA 8015B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201448		
TPH Gasoline	ND	0.81	0.19359	2.43	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B NELAC Prep Method: EPA 5035A							QCBatchID: QC1201891		
1,1,1,2-Tetrachloroethane	ND	0.7	0.168	3.5	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	0.7	0.105	3.5	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	0.7	0.203	3.5	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	0.7	0.154	3.5	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	0.518	3.5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	0.7	0.161	3.5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	0.7	0.126	3.5	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	0.7	0.147	3.5	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	0.7	0.14	3.5	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	0.7	0.231	3.5	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	0.7	0.14	3.5	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	0.7	0.084	3.5	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	0.7	0.098	3.5	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	0.7	0.238	3.5	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/11/19	LZ	
1,3-Dichlorobenzene	ND	0.7	0.147	3.5	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	0.7	0.168	3.5	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	0.7	0.133	3.5	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	ND	0.7	0.504	70	ug/Kg		05/11/19	LZ	
2-Chlorotoluene	ND	0.7	0.175	3.5	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 11:38	**Site:**			
Sample #:	**415102-015**	**Client Sample #:**	AOC4-B19-W1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	0.7	0.154	3.5	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	0.7	0.189	3.5	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	0.119	3.5	ug/Kg		05/11/19	LZ	
Acetone	**37 J**	0.7	35	70	ug/Kg		05/11/19	LZ	J
Allyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/11/19	LZ	
Benzene	**0.18 J**	0.7	0.126	3.5	ug/Kg		05/11/19	LZ	J
Bromobenzene	ND	0.7	0.21	3.5	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	0.7	0.126	3.5	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	0.7	0.14	3.5	ug/Kg		05/11/19	LZ	
Bromoform	ND	0.7	0.133	3.5	ug/Kg		05/11/19	LZ	
Bromomethane	ND	0.7	0.154	3.5	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	0.7	0.126	3.5	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	0.7	0.126	3.5	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	0.7	0.133	3.5	ug/Kg		05/11/19	LZ	
Chloroethane	ND	0.7	0.14	3.5	ug/Kg		05/11/19	LZ	
Chloroform	ND	0.7	0.119	3.5	ug/Kg		05/11/19	LZ	
Chloromethane	ND	0.7	0.147	3.5	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	0.7	0.14	3.5	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	0.7	0.14	3.5	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	0.7	0.147	3.5	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	0.7	0.147	3.5	ug/Kg		05/11/19	LZ	
Ethylbenzene	ND	0.7	0.161	3.5	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	0.7	0.294	3.5	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	0.7	0.294	3.5	ug/Kg		05/11/19	LZ	
Isopropylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	0.7	0.266	3.5	ug/Kg		05/11/19	LZ	
Methylene chloride	ND	0.7	0.147	3.5	ug/Kg		05/11/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	0.7	0.119	3.5	ug/Kg		05/11/19	LZ	
Naphthalene	ND	0.7	0.112	3.5	ug/Kg		05/11/19	LZ	
N-butylbenzene	ND	0.7	0.175	3.5	ug/Kg		05/11/19	LZ	
N-propylbenzene	ND	0.7	0.154	3.5	ug/Kg		05/11/19	LZ	
o-Xylene	ND	0.7	0.133	3.5	ug/Kg		05/11/19	LZ	
Sec-butylbenzene	ND	0.7	0.196	3.5	ug/Kg		05/11/19	LZ	
Styrene	ND	0.7	0.091	3.5	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	0.7	6.16	7	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	0.7	0.133	3.5	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	0.7	0.238	3.5	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	0.7	0.161	3.5	ug/Kg		05/11/19	LZ	
Toluene	ND	0.7	0.119	3.5	ug/Kg		05/11/19	LZ	
trans-1,2-dichloroethene	ND	0.7	0.133	3.5	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	0.7	0.126	3.5	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	0.7	0.14	3.5	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	0.7	0.161	3.5	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	0.7	0.161	3.5	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	0.7	0.098	3.5	ug/Kg		05/11/19	LZ	
Xylenes (Total)	ND	0.7	0.266	3.5	ug/Kg		05/11/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*115*	*70-145*	
4-Bromofluorobenzene (SUR)	*96*	*70-145*	
Dibromofluoromethane (SUR)	*102*	*70-145*	
Toluene-d8 (SUR)	*112*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 11:52	**Site:**			
Sample #:	**415102-016**	**Client Sample #:**	AOC4-B19-W1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 12:58	**Site:**			
Sample #:	**415102-017**	**Client Sample #:**	AOC4-B19-N1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201813		
Antimony	ND	1	0.37	3	mg/Kg	05/09/19	05/13/19	SBW	
Arsenic	**1.43**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**98.9**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**0.54**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**14.2**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**10.1**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**11.4**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**3.56**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	ND	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**9.26**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	**0.55 J**	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**31.0**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**44.9**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A NELAC	Prep Method: EPA 7471A						QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3545						QCBatchID: QC1201866		
TPH Diesel	**1.99 J**	1	0.022	3	mg/Kg	05/10/19	05/15/19	TW	B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*59*			*50-150*					
Method: EPA 8015B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201448		
TPH Gasoline	ND	1.14	0.27246	3.42	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*100*			*60-140*					
Method: EPA 8260B NELAC	Prep Method: EPA 5035A						QCBatchID: QC1201891		
1,1,1,2-Tetrachloroethane	ND	1.2	0.288	6	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	1.2	0.18	6	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1.2	0.348	6	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	1.2	0.264	6	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1.2	0.888	6	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	1.2	0.276	6	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	1.2	0.216	6	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	1.2	0.252	6	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	1.2	0.216	6	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	1.2	0.24	6	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	1.2	0.396	6	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	ND	1.2	0.336	6	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1.2	0.24	6	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	1.2	0.144	6	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	1.2	0.216	6	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	1.2	0.168	6	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	1.2	0.408	6	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	ND	1.2	0.276	6	ug/Kg		05/11/19	LZ	
1,3-Dichlorobenzene	ND	1.2	0.252	6	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	1.2	0.228	6	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	1.2	0.288	6	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	1.2	0.228	6	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	**4.0 J**	1.2	0.864	120	ug/Kg		05/11/19	LZ	J
2-Chlorotoluene	ND	1.2	0.3	6	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 12:58	**Site:**			
Sample #:	**415102-017**	**Client Sample #:**	AOC4-B19-N1-5'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1.2	0.264	6	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	1.2	0.324	6	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1.2	0.204	6	ug/Kg		05/11/19	LZ	
Acetone	**180**	1.2	60	120	ug/Kg		05/11/19	LZ	
Allyl Chloride	ND	1.2	0.168	6	ug/Kg		05/11/19	LZ	
Benzene	**1.9 J**	1.2	0.216	6	ug/Kg		05/11/19	LZ	J
Bromobenzene	ND	1.2	0.36	6	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	1.2	0.216	6	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	1.2	0.24	6	ug/Kg		05/11/19	LZ	
Bromoform	ND	1.2	0.228	6	ug/Kg		05/11/19	LZ	
Bromomethane	ND	1.2	0.264	6	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	1.2	0.216	6	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	1.2	0.216	6	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	1.2	0.228	6	ug/Kg		05/11/19	LZ	
Chloroethane	ND	1.2	0.24	6	ug/Kg		05/11/19	LZ	
Chloroform	ND	1.2	0.204	6	ug/Kg		05/11/19	LZ	
Chloromethane	ND	1.2	0.252	6	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	1.2	0.24	6	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	1.2	0.24	6	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	1.2	0.24	6	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	1.2	0.252	6	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	1.2	0.276	6	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	1.2	0.252	6	ug/Kg		05/11/19	LZ	
Ethylbenzene	ND	1.2	0.276	6	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1.2	0.504	6	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	1.2	0.504	6	ug/Kg		05/11/19	LZ	
Isopropylbenzene	ND	1.2	0.3	6	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	1.2	0.456	6	ug/Kg		05/11/19	LZ	
Methylene chloride	**9.1**	1.2	0.252	6	ug/Kg		05/11/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1.2	0.204	6	ug/Kg		05/11/19	LZ	
Naphthalene	ND	1.2	0.192	6	ug/Kg		05/11/19	LZ	
N-butylbenzene	ND	1.2	0.3	6	ug/Kg		05/11/19	LZ	
N-propylbenzene	ND	1.2	0.264	6	ug/Kg		05/11/19	LZ	
o-Xylene	ND	1.2	0.228	6	ug/Kg		05/11/19	LZ	
Sec-butylbenzene	ND	1.2	0.336	6	ug/Kg		05/11/19	LZ	
Styrene	ND	1.2	0.156	6	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	1.2	10.56	12	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	1.2	0.228	6	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	1.2	0.408	6	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	1.2	0.276	6	ug/Kg		05/11/19	LZ	
Toluene	**0.97 J**	1.2	0.204	6	ug/Kg		05/11/19	LZ	J
trans-1,2-dichloroethene	ND	1.2	0.228	6	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	1.2	0.216	6	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	1.2	0.24	6	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	1.2	0.276	6	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	1.2	0.276	6	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	1.2	0.168	6	ug/Kg		05/11/19	LZ	
Xylenes (Total)	ND	1.2	0.456	6	ug/Kg		05/11/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*104*	*70-145*	
4-Bromofluorobenzene (SUR)	*96*	*70-145*	
Dibromofluoromethane (SUR)	*96*	*70-145*	
Toluene-d8 (SUR)	*101*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 13:05	**Site:**			
Sample #:	**415102-018**	**Client Sample #:**	AOC4-B19-N1-10'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 13:13	**Site:**			
Sample #:	**415102-019**	**Client Sample #:**	AOC4-B19-N1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201813		
Antimony	ND	1	0.37	3	mg/Kg	05/09/19	05/13/19	SBW	
Arsenic	**4.10**	1	0.36	1	mg/Kg	05/09/19	05/10/19	SBW	
Barium	**238**	1	0.23	1	mg/Kg	05/09/19	05/10/19	SBW	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Cadmium	**1.07**	1	0.21	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Chromium	**29.4**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Cobalt	**21.9**	1	0.19	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Copper	**22.4**	1	0.31	1	mg/Kg	05/09/19	05/10/19	SBW	
Lead	**9.34**	1	0.32	1	mg/Kg	05/09/19	05/10/19	SBW	
Molybdenum	**0.42 J**	1	0.13	1	mg/Kg	05/09/19	05/10/19	SBW	
Nickel	**18.3**	1	0.2	1.5	mg/Kg	05/09/19	05/10/19	SBW	
Selenium	ND	1	0.72	3	mg/Kg	05/09/19	05/10/19	SBW	
Silver	ND	1	0.13	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Thallium	ND	1	0.42	3	mg/Kg	05/09/19	05/10/19	SBW	
Vanadium	**60.2**	1	0.37	0.5	mg/Kg	05/09/19	05/10/19	SBW	
Zinc	**77.7**	1	0.28	5	mg/Kg	05/09/19	05/10/19	SBW	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1201969		
Mercury	ND	1	0.039	0.14	mg/Kg	05/14/19	05/14/19	JP	
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201866		
TPH Diesel	**2.55 J**	1	0.022	3	mg/Kg	05/10/19	05/15/19	TW	B,J
TPH Motor Oil	ND	1	2.1	5	mg/Kg	05/10/19	05/15/19	TW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
Triacontane (SUR)	*60*			*50-150*					
Method: EPA 8015B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201448		
TPH Gasoline	ND	0.98	0.23422	2.94	mg/Kg		05/10/19	EW	
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*105*			*60-140*					
Method: EPA 8260B *NELAC* Prep Method: EPA 5035A							QCBatchID: QC1201891		
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		05/11/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		05/11/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		05/11/19	LZ	
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		05/11/19	LZ	
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
2-Butanone (MEK)	**3.2 J**	1	0.72	100	ug/Kg		05/11/19	LZ	J
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 13:13	**Site:**			
Sample #:	**415102-019**	**Client Sample #:**	AOC4-B19-N1-15'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
4-Isopropyltoluene	ND	1	0.27	5	ug/Kg		05/11/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Acetone	**120**	1	50	100	ug/Kg		05/11/19	LZ	
Allyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Benzene	**0.24 J**	1	0.18	5	ug/Kg		05/11/19	LZ	J
Bromobenzene	ND	1	0.3	5	ug/Kg		05/11/19	LZ	
Bromochloromethane	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Bromodichloromethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Bromoform	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Bromomethane	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorobenzene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Chloroethane	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Chloroform	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Chloromethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Dibromomethane	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		05/11/19	LZ	
Ethylbenzene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Hexachlorobutadiene	ND	1	0.42	5	ug/Kg		05/11/19	LZ	
Isopropylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
m and p-Xylene	ND	1	0.38	5	ug/Kg		05/11/19	LZ	
Methylene chloride	**8.5**	1	0.21	5	ug/Kg		05/11/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.17	5	ug/Kg		05/11/19	LZ	
Naphthalene	ND	1	0.16	5	ug/Kg		05/11/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/Kg		05/11/19	LZ	
N-propylbenzene	ND	1	0.22	5	ug/Kg		05/11/19	LZ	
o-Xylene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Sec-butylbenzene	ND	1	0.28	5	ug/Kg		05/11/19	LZ	
Styrene	ND	1	0.13	5	ug/Kg		05/11/19	LZ	
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		05/11/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
Tert-butylbenzene	ND	1	0.34	5	ug/Kg		05/11/19	LZ	
Tetrachloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Toluene	**0.34 J**	1	0.17	5	ug/Kg		05/11/19	LZ	J
trans-1,2-dichloroethene	ND	1	0.19	5	ug/Kg		05/11/19	LZ	
trans-1,3-dichloropropene	ND	1	0.18	5	ug/Kg		05/11/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/11/19	LZ	
Trichloroethene	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Trichlorofluoromethane	ND	1	0.23	5	ug/Kg		05/11/19	LZ	
Vinyl Chloride	ND	1	0.14	5	ug/Kg		05/11/19	LZ	
Xylenes (Total)	ND	1	0.38	5	ug/Kg		05/11/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*108*	*70-145*	
4-Bromofluorobenzene (SUR)	*95*	*70-145*	
Dibromofluoromethane (SUR)	*100*	*70-145*	
Toluene-d8 (SUR)	*98*	*70-145*	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019 12:25	**Site:**			
Sample #:	**415102-020**	**Client Sample #:**	AOC4-B19-N1-20'	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Water **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/08/2019 **Site:**
Sample #: 415102-021 **Client Sample #:** EB-050819A **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3010A							QCBatchID: QC1201790		
Antimony	ND	1	0.014	0.04	mg/L	05/09/19	05/13/19	KLN	
Arsenic	ND	1	0.008	0.01	mg/L	05/09/19	05/13/19	KLN	
Barium	ND	1	0.002	0.01	mg/L	05/09/19	05/09/19	KLN	
Beryllium	ND	1	0.001	0.005	mg/L	05/09/19	05/09/19	KLN	
Cadmium	ND	1	0.001	0.005	mg/L	05/09/19	05/09/19	KLN	
Chromium	ND	1	0.002	0.01	mg/L	05/09/19	05/09/19	KLN	
Cobalt	ND	1	0.001	0.005	mg/L	05/09/19	05/09/19	KLN	
Copper	**0.012**	1	0.004	0.01	mg/L	05/09/19	05/09/19	KLN	
Lead	**0.006 J**	1	0.005	0.01	mg/L	05/09/19	05/09/19	KLN	J
Molybdenum	ND	1	0.005	0.01	mg/L	05/09/19	05/09/19	KLN	
Nickel	ND	1	0.003	0.02	mg/L	05/09/19	05/09/19	KLN	
Selenium	ND	1	0.016	0.03	mg/L	05/09/19	05/13/19	KLN	
Silver	ND	1	0.003	0.005	mg/L	05/09/19	05/09/19	KLN	
Thallium	ND	1	0.009	0.05	mg/L	05/09/19	05/09/19	KLN	
Vanadium	ND	1	0.002	0.005	mg/L	05/09/19	05/09/19	KLN	
Zinc	ND	1	0.007	0.05	mg/L	05/09/19	05/09/19	KLN	
Method: EPA 7470A NELAC Prep Method: Method							QCBatchID: QC1201826		
Mercury	ND	1	0.094	0.4	ug/L	05/09/19	05/13/19	JP	
Method: EPA 8015B NELAC Prep Method: EPA 3510C							QCBatchID: QC1201901		
TPH Diesel	ND	1	0.04	0.1	mg/L	05/13/19	05/13/19	TW	
TPH Motor Oil	ND	1	0.07	0.3	mg/L	05/13/19	05/13/19	TW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
Triacontane (SUR)	*75*		*50-150*						
Method: EPA 8015B NELAC Prep Method: EPA 5030B							QCBatchID: QC1201428		
TPH Gasoline	ND	1	16	50	ug/L		05/11/19	EW	
Surrogate	*% Recovery*		*Limits*	*Notes*					
4-Bromofluorobenzene (SUR)	*102*		*60-140*						
Method: EPA 8260B NELAC Prep Method: EPA 5030B							QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/10/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019	**Site:**			
Sample #:	**415102-021**	**Client Sample #:**	EB-050819A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*94*	*70-145*	
4-Bromofluorobenzene (SUR)	*115*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*102*	*70-145*	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019	**Site:**			
Sample #:	**415102-022**	**Client Sample #:**	EB-050819B	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3010A						QCBatchID: QC1201790		
Antimony	ND	1	0.014	0.04	mg/L	05/09/19	05/13/19	KLN	
Arsenic	ND	1	0.008	0.01	mg/L	05/09/19	05/13/19	KLN	
Barium	**0.003 J**	1	0.002	0.01	mg/L	05/09/19	05/09/19	KLN	J
Beryllium	ND	1	0.001	0.005	mg/L	05/09/19	05/09/19	KLN	
Cadmium	ND	1	0.001	0.005	mg/L	05/09/19	05/09/19	KLN	
Chromium	ND	1	0.002	0.01	mg/L	05/09/19	05/09/19	KLN	
Cobalt	ND	1	0.001	0.005	mg/L	05/09/19	05/09/19	KLN	
Copper	**0.012**	1	0.004	0.01	mg/L	05/09/19	05/09/19	KLN	
Lead	ND	1	0.005	0.01	mg/L	05/09/19	05/09/19	KLN	
Molybdenum	ND	1	0.005	0.01	mg/L	05/09/19	05/09/19	KLN	
Nickel	ND	1	0.003	0.02	mg/L	05/09/19	05/09/19	KLN	
Selenium	ND	1	0.016	0.03	mg/L	05/09/19	05/13/19	KLN	
Silver	ND	1	0.003	0.005	mg/L	05/09/19	05/09/19	KLN	
Thallium	ND	1	0.009	0.05	mg/L	05/09/19	05/09/19	KLN	
Vanadium	ND	1	0.002	0.005	mg/L	05/09/19	05/09/19	KLN	
Zinc	ND	1	0.007	0.05	mg/L	05/09/19	05/09/19	KLN	
Method: EPA 7470A NELAC	Prep Method: Method						QCBatchID: QC1201826		
Mercury	ND	1	0.094	0.4	ug/L	05/09/19	05/13/19	JP	
Method: EPA 8015B NELAC	Prep Method: EPA 3510C						QCBatchID: QC1201901		
TPH Diesel	ND	1	0.04	0.1	mg/L	05/13/19	05/13/19	TW	
TPH Motor Oil	ND	1	0.07	0.3	mg/L	05/13/19	05/13/19	TW	

Surrogate	*% Recovery*	*Limits*	*Notes*
Triacontane (SUR)	*75*	*50-150*	

Method: EPA 8015B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201428		
TPH Gasoline	ND	1	16	50	ug/L		05/11/19	EW	

Surrogate	*% Recovery*	*Limits*	*Notes*
4-Bromofluorobenzene (SUR)	*82*	*60-140*	

Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/10/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019	**Site:**			
Sample #:	**415102-022**	**Client Sample #:**	EB-050819B	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*96*	*70-145*	
4-Bromofluorobenzene (SUR)	*120*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

Matrix: Water	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/08/2019	**Site:**				
Sample #: 415102-023	**Client Sample #:** Trip Blank		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/10/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019	**Site:**			
Sample #:	**415102-023**	**Client Sample #:**	Trip Blank	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*96*	*70-145*	
4-Bromofluorobenzene (SUR)	*118*	*70-145*	
Dibromofluoromethane (SUR)	*98*	*70-145*	
Toluene-d8 (SUR)	*103*	*70-145*	

Matrix: Water	**Client:** Ninyo & Moore		**Collector:** Client		
Sampled: 05/08/2019	**Site:**				
Sample #: 415102-024	**Client Sample #:** Trip Blank		**Sample Type:**		

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1201839		
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		05/10/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		05/10/19	LZ	
1,1-Dichloroethane	ND	1	0.32	5	ug/L		05/10/19	LZ	
1,1-Dichloroethene	ND	1	0.3	5	ug/L		05/10/19	LZ	
1,1-Dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		05/10/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		05/10/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		05/10/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		05/10/19	LZ	
1,2-Dibromoethane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		05/10/19	LZ	
1,2-Dichloroethane	ND	1	0.2	5	ug/L		05/10/19	LZ	
1,2-Dichloropropane	ND	1	0.36	5	ug/L		05/10/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		05/10/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/L		05/10/19	LZ	
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		05/10/19	LZ	
2,2-Dichloropropane	ND	1	0.32	5	ug/L		05/10/19	LZ	
2-Butanone (MEK)	ND	1	0.78	100	ug/L		05/10/19	LZ	
2-Chlorotoluene	ND	1	0.33	5	ug/L		05/10/19	LZ	
4-Chlorotoluene	ND	1	0.31	5	ug/L		05/10/19	LZ	
4-Isopropyltoluene	ND	1	0.32	5	ug/L		05/10/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		05/10/19	LZ	
Acetone	ND	1	50	100	ug/L		05/10/19	LZ	
Allyl Chloride	ND	1	0.19	5	ug/L		05/10/19	LZ	
Benzene	ND	1	0.18	1	ug/L		05/10/19	LZ	
Bromobenzene	ND	1	0.53	5	ug/L		05/10/19	LZ	
Bromochloromethane	ND	1	0.17	5	ug/L		05/10/19	LZ	
Bromodichloromethane	ND	1	0.31	5	ug/L		05/10/19	LZ	
Bromoform	ND	1	0.13	5	ug/L		05/10/19	LZ	
Bromomethane	ND	1	0.68	5	ug/L		05/10/19	LZ	
Carbon Tetrachloride	ND	1	0.27	5	ug/L		05/10/19	LZ	
Chlorobenzene	ND	1	0.19	5	ug/L		05/10/19	LZ	
Chlorodibromomethane	ND	1	0.21	5	ug/L		05/10/19	LZ	
Chloroethane	ND	1	0.45	5	ug/L		05/10/19	LZ	
Chloroform	ND	1	0.18	5	ug/L		05/10/19	LZ	
Chloromethane	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		05/10/19	LZ	
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		05/10/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/L		05/10/19	LZ	
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		05/10/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		05/10/19	LZ	
Ethylbenzene	ND	1	0.21	5	ug/L		05/10/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		05/10/19	LZ	
Hexachlorobutadiene	ND	1	0.51	5	ug/L		05/10/19	LZ	
Isopropylbenzene	ND	1	0.24	5	ug/L		05/10/19	LZ	
m and p-Xylene	ND	1	0.45	5	ug/L		05/10/19	LZ	
Methylene chloride	ND	1	0.16	5	ug/L		05/10/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		05/10/19	LZ	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/08/2019	**Site:**			
Sample #:	**415102-024**	**Client Sample #:**	Trip Blank	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Naphthalene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-butylbenzene	ND	1	0.25	5	ug/L		05/10/19	LZ	
N-propylbenzene	ND	1	0.31	5	ug/L		05/10/19	LZ	
o-Xylene	ND	1	0.29	5	ug/L		05/10/19	LZ	
Sec-butylbenzene	ND	1	0.32	5	ug/L		05/10/19	LZ	
Styrene	ND	1	0.22	5	ug/L		05/10/19	LZ	
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		05/10/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		05/10/19	LZ	
Tert-butylbenzene	ND	1	0.4	5	ug/L		05/10/19	LZ	
Tetrachloroethene	ND	1	0.8	5	ug/L		05/10/19	LZ	
Toluene	ND	1	0.24	5	ug/L		05/10/19	LZ	
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		05/10/19	LZ	
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		05/10/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		05/10/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/L		05/10/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/L		05/10/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/L		05/10/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/L		05/10/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*96*	*70-145*	
4-Bromofluorobenzene (SUR)	*111*	*70-145*	
Dibromofluoromethane (SUR)	*99*	*70-145*	
Toluene-d8 (SUR)	*100*	*70-145*	

QCBatchID: QC1201428 **Analyst:** sandyw **Method:** EPA 8015B

Matrix: Water **Analyzed:** 05/10/2019 **Instrument:** VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201428MB1					
TPH (C6 to C12)	ND	ug/L	16	50	
TPH Gasoline	ND	ug/L	16	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201428LCS1, QC1201428LCSD1											
TPH Gasoline	500	500	510	540	ug/L	102	108	6	70-130	30	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201428MS1, QC1201428MSD1												**Source: 415037-001**
TPH Gasoline	ND	500	500	500	500	ug/L	100	100	0.0	70-130	30	

QCBatchID:	**QC1201448**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/10/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201448MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201448LCS1, QC1201448LCSD1											
TPH Gasoline	5	5	5.6	5.6	mg/Kg	112	112	0	70-130	20	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1201448MS1, QC1201448MSD1												**Source: 415053-001**
TPH Gasoline	4.5	5	5	4.2	3.5	mg/Kg	0	0	18.2	70-130	20	M

QCBatchID: QC1201790 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/09/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201790MB1					
Antimony	**0.032 J**	mg/L	0.014	0.04	
Arsenic	ND	mg/L	0.008	0.01	
Barium	ND	mg/L	0.002	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Cadmium	ND	mg/L	0.001	0.005	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.001	0.005	
Copper	**0.008 J**	mg/L	0.004	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.02	
Selenium	**0.017 J**	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Thallium	ND	mg/L	0.009	0.05	
Vanadium	ND	mg/L	0.002	0.005	
Zinc	ND	mg/L	0.007	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201790LCS1											
Antimony	2		1.74		mg/L	87			80-120		
Arsenic	2		1.68		mg/L	84			80-120		
Barium	2		2.04		mg/L	102			80-120		
Beryllium	2		2.00		mg/L	100			80-120		
Cadmium	2		1.87		mg/L	94			80-120		
Chromium	2		2.01		mg/L	101			80-120		
Cobalt	2		2.04		mg/L	102			80-120		
Copper	2		2.00		mg/L	100			80-120		
Lead	2		1.75		mg/L	88			80-120		
Molybdenum	2		1.74		mg/L	87			80-120		
Nickel	2		1.95		mg/L	98			80-120		
Selenium	2		1.62		mg/L	81			80-120		
Silver	2		1.91		mg/L	96			80-120		
Thallium	2		1.70		mg/L	85			80-120		
Vanadium	2		2.14		mg/L	107			80-120		
Zinc	2		1.91		mg/L	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201790MS1, QC1201790MSD1												**Source: 415102-021**
Antimony	ND	1	1	0.975	0.940	mg/L	98	94	3.7	75-125	20	
Arsenic	ND	1	1	0.890	0.868	mg/L	89	87	2.5	75-125	20	
Barium	ND	1	1	1.03	1.03	mg/L	103	103	0.0	75-125	20	
Beryllium	ND	1	1	1.00	0.925	mg/L	100	93	7.8	75-125	20	
Cadmium	ND	1	1	0.939	0.935	mg/L	94	94	0.4	75-125	20	
Chromium	ND	1	1	1.01	1.02	mg/L	101	102	1.0	75-125	20	
Cobalt	ND	1	1	1.02	1.02	mg/L	102	102	0.0	75-125	20	
Copper	0.012	1	1	1.06	0.973	mg/L	105	96	8.6	75-125	20	
Lead	0.006	1	1	0.899	0.896	mg/L	89	89	0.3	75-125	20	
Molybdenum	ND	1	1	0.892	0.882	mg/L	89	88	1.1	75-125	20	

QCBatchID: QC1201790 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/09/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201790MS1, QC1201790MSD1												**Source: 415102-021**
Nickel	ND	1	1	0.979	0.975	mg/L	98	98	0.4	75-125	20	
Selenium	ND	1	1	0.883	0.838	mg/L	88	84	5.2	75-125	20	
Silver	ND	1	1	0.972	0.907	mg/L	97	91	6.9	75-125	20	
Thallium	ND	1	1	0.872	0.869	mg/L	87	87	0.3	75-125	20	
Vanadium	ND	1	1	1.08	1.08	mg/L	108	108	0.0	75-125	20	
Zinc	ND	1	1	0.954	0.953	mg/L	95	95	0.1	75-125	20	

QCBatchID: QC1201812 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result		Units	MDL	RDL	Notes
QC1201812MB1						
Antimony	**1.81**	**J**	mg/Kg	0.37	3	
Arsenic	ND		mg/Kg	0.36	1	
Barium	ND		mg/Kg	0.23	1	
Beryllium	ND		mg/Kg	0.17	0.5	
Cadmium	ND		mg/Kg	0.21	0.5	
Chromium	ND		mg/Kg	0.13	1	
Cobalt	ND		mg/Kg	0.19	0.5	
Copper	**0.38**	**J**	mg/Kg	0.31	1	
Lead	**0.50**	**J**	mg/Kg	0.32	1	
Molybdenum	**0.29**	**J**	mg/Kg	0.13	1	
Nickel	**0.28**	**J**	mg/Kg	0.2	1.5	
Selenium	**1.15**	**J**	mg/Kg	0.72	3	
Silver	**0.23**	**J**	mg/Kg	0.13	0.5	
Thallium	ND		mg/Kg	0.42	3	
Vanadium	ND		mg/Kg	0.37	0.5	
Zinc	**4.45**	**J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201812LCS1											
Antimony	100		112		mg/Kg	112			80-120		
Arsenic	100		94.6		mg/Kg	95			80-120		
Barium	100		100		mg/Kg	100			80-120		
Beryllium	100		99.7		mg/Kg	100			80-120		
Cadmium	100		103		mg/Kg	103			80-120		
Chromium	100		98.7		mg/Kg	99			80-120		
Cobalt	100		103		mg/Kg	103			80-120		
Copper	100		95.8		mg/Kg	96			80-120		
Lead	100		106		mg/Kg	106			80-120		
Molybdenum	100		103		mg/Kg	103			80-120		
Nickel	100		107		mg/Kg	107			80-120		
Selenium	100		94.9		mg/Kg	95			80-120		
Silver	100		97.4		mg/Kg	97			80-120		
Thallium	100		95.0		mg/Kg	95			80-120		
Vanadium	100		99.0		mg/Kg	99			80-120		
Zinc	100		109		mg/Kg	109			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201812MS1, QC1201812MSD1												**Source: 415067-001**
Antimony	ND	100	100	26.2	25.4	mg/Kg	26	25	3.1	75-125	20	M
Arsenic	2.95	100	100	97.6	94.7	mg/Kg	95	92	3.0	75-125	20	
Barium	76.6	100	100	164	166	mg/Kg	87	89	1.2	75-125	20	
Beryllium	ND	100	100	99.0	98.1	mg/Kg	99	98	0.9	75-125	20	
Cadmium	0.62	100	100	99.0	100	mg/Kg	98	99	1.0	75-125	20	
Chromium	28.3	100	100	132	134	mg/Kg	104	106	1.5	75-125	20	
Cobalt	8.38	100	100	109	108	mg/Kg	101	100	0.9	75-125	20	
Copper	9.70	100	100	107	102	mg/Kg	97	92	4.8	75-125	20	
Lead	3.50	100	100	110	106	mg/Kg	107	103	3.7	75-125	20	
Molybdenum	0.57	100	100	95.2	92.8	mg/Kg	95	92	2.6	75-125	20	

QCBatchID: QC1201812 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201812MS1, QC1201812MSD1												**Source: 415067-001**
Nickel	23.6	100	100	132	126	mg/Kg	108	102	4.7	75-125	20	
Selenium	ND	100	100	95.0	89.9	mg/Kg	95	90	5.5	75-125	20	
Silver	ND	100	100	96.3	96.0	mg/Kg	96	96	0.3	75-125	20	
Thallium	0.43	100	100	93.3	91.6	mg/Kg	93	91	1.8	75-125	20	
Vanadium	29.5	100	100	135	136	mg/Kg	106	107	0.7	75-125	20	
Zinc	23.8	100	100	121	124	mg/Kg	97	100	2.4	75-125	20	

QCBatchID: QC1201813 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201813MB1					
Antimony	**1.10 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	**0.89 J**	mg/Kg	0.31	1	
Lead	ND	mg/Kg	0.32	1	
Molybdenum	ND	mg/Kg	0.13	1	
Nickel	ND	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	ND	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	ND	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201813LCS1											
Antimony	100		94.2		mg/Kg	94			80-120		
Arsenic	100		99.4		mg/Kg	99			80-120		
Barium	100		103		mg/Kg	103			80-120		
Beryllium	100		99.2		mg/Kg	99			80-120		
Cadmium	100		104		mg/Kg	104			80-120		
Chromium	100		99.6		mg/Kg	100			80-120		
Cobalt	100		107		mg/Kg	107			80-120		
Copper	100		97.4		mg/Kg	97			80-120		
Lead	100		113		mg/Kg	113			80-120		
Molybdenum	100		108		mg/Kg	108			80-120		
Nickel	100		112		mg/Kg	112			80-120		
Selenium	100		96.2		mg/Kg	96			80-120		
Silver	100		99.0		mg/Kg	99			80-120		
Thallium	100		102		mg/Kg	102			80-120		
Vanadium	100		100		mg/Kg	100			80-120		
Zinc	100		113		mg/Kg	113			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201813MS1, QC1201813MSD1												**Source: 415102-009**
Antimony	0.62	100	100	33.0	36.4	mg/Kg	32	36	9.8	75-125	20	M
Arsenic	1.40	100	100	95.2	93.9	mg/Kg	94	93	1.4	75-125	20	
Barium	120	100	100	207	212	mg/Kg	87	92	2.4	75-125	20	
Beryllium	ND	100	100	97.3	99.5	mg/Kg	97	100	2.2	75-125	20	
Cadmium	0.63	100	100	93.3	98.2	mg/Kg	93	98	5.1	75-125	20	
Chromium	14.9	100	100	105	108	mg/Kg	90	93	2.8	75-125	20	
Cobalt	10.7	100	100	104	109	mg/Kg	93	98	4.7	75-125	20	
Copper	12.5	100	100	106	103	mg/Kg	94	91	2.9	75-125	20	
Lead	3.64	100	100	102	102	mg/Kg	98	98	0.0	75-125	20	
Molybdenum	0.42	100	100	96.4	95.7	mg/Kg	96	95	0.7	75-125	20	

QCBatchID: QC1201813	**Analyst:** dswafford	**Method:** EPA 6010B			
Matrix: Solid	**Analyzed:** 05/09/2019	**Instrument:** AAICP (group)			

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201813MS1, QC1201813MSD1												**Source: 415102-009**
Nickel	9.87	100	100	106	104	mg/Kg	96	94	1.9	75-125	20	
Selenium	ND	100	100	90.4	88.9	mg/Kg	90	89	1.7	75-125	20	
Silver	ND	100	100	91.4	95.3	mg/Kg	91	95	4.2	75-125	20	
Thallium	3.25	100	100	88.7	89.5	mg/Kg	85	86	0.9	75-125	20	
Vanadium	36.2	100	100	130	135	mg/Kg	94	99	3.8	75-125	20	
Zinc	48.1	100	100	145	143	mg/Kg	97	95	1.4	75-125	20	

QCBatchID: QC1201818	**Analyst:** lucy		**Method:** EPA 8260B		
Matrix: Solid	**Analyzed:** 05/09/2019		**Instrument:** VOA-MS (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201818MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chloroethyl Vinyl Ether	ND	ug/Kg	0.3	5	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.21	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.23	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.42	5	
Isopropylbenzene	ND	ug/Kg	0.25	5	

QCBatchID: QC1201818 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/09/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201818MB1					
m and p-Xylene	ND	ug/Kg	0.38	5	
Methylene chloride	ND	ug/Kg	0.21	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.17	5	
Naphthalene	ND	ug/Kg	0.16	5	
N-butylbenzene	ND	ug/Kg	0.25	5	
N-propylbenzene	ND	ug/Kg	0.22	5	
o-Xylene	ND	ug/Kg	0.19	5	
Sec-butylbenzene	ND	ug/Kg	0.28	5	
Styrene	ND	ug/Kg	0.13	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.34	5	
Tetrachloroethene	ND	ug/Kg	0.23	5	
Toluene	ND	ug/Kg	0.17	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.19	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.18	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Trichloroethene	ND	ug/Kg	0.23	5	
Trichlorofluoromethane	ND	ug/Kg	0.23	5	
Vinyl Chloride	ND	ug/Kg	0.14	5	
Xylenes (Total)	ND	ug/Kg	0.38	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201818LCS1, QC1201818LCSD1											
1,1-Dichloroethene	50	50	47	48	ug/Kg	94	96	2	59-172	22	
Benzene	50	50	48	48	ug/Kg	96	96	0	62-137	24	
Chlorobenzene	50	50	48	49	ug/Kg	96	98	2	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	42	44	ug/Kg	84	88	5	62-137	21	
Toluene	50	50	47	48	ug/Kg	94	96	2	59-139	21	
Trichloroethene	50	50	47	47	ug/Kg	94	94	0	66-142	21	

QCBatchID: QC1201826 **Analyst:** JParedes **Method:** EPA 7470A

Matrix: Water **Analyzed:** 05/09/2019 **Instrument:** AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201826MB1					
Mercury	ND	ug/L	0.094	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201826LCS1											
Mercury	5		5.24		ug/L	105			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201826MS1, QC1201826MSD1												**Source: 415051-028**
Mercury	ND	5	5	5.15	5.25	ug/L	103	105	1.9	75-125	20	

QCBatchID: QC1201839	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Water	**Analyzed:** 05/09/2019	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201839MB1					
1,1,1,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,1-Trichloroethane	ND	ug/L	0.38	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,2-Trichloroethane	ND	ug/L	0.25	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	0.29	5	
1,1-Dichloroethane	ND	ug/L	0.32	5	
1,1-Dichloroethene	ND	ug/L	0.3	5	
1,1-Dichloropropene	ND	ug/L	0.25	5	
1,2,3-Trichlorobenzene	ND	ug/L	0.28	5	
1,2,3-Trichloropropane	ND	ug/L	0.16	5	
1,2,4-Trichlorobenzene	ND	ug/L	0.27	5	
1,2,4-Trimethylbenzene	ND	ug/L	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.12	5	
1,2-Dibromoethane	ND	ug/L	0.19	5	
1,2-Dichlorobenzene	ND	ug/L	0.26	5	
1,2-Dichloroethane	ND	ug/L	0.2	5	
1,2-Dichloropropane	ND	ug/L	0.36	5	
1,3,5-Trimethylbenzene	ND	ug/L	0.24	5	
1,3-Dichlorobenzene	ND	ug/L	0.34	5	
1,3-Dichloropropane	ND	ug/L	0.19	5	
1,4-Dichlorobenzene	ND	ug/L	0.43	5	
2,2-Dichloropropane	ND	ug/L	0.32	5	
2-Butanone (MEK)	ND	ug/L	0.78	100	
2-Chloroethyl Vinyl Ether	ND	ug/L	0.23	10	
2-Chlorotoluene	ND	ug/L	0.33	5	
4-Chlorotoluene	ND	ug/L	0.31	5	
4-Isopropyltoluene	ND	ug/L	0.32	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	0.12	5	
Acetone	ND	ug/L	50	100	
Allyl Chloride	ND	ug/L	0.19	5	
Benzene	ND	ug/L	0.18	1	
Bromobenzene	ND	ug/L	0.53	5	
Bromochloromethane	ND	ug/L	0.17	5	
Bromodichloromethane	ND	ug/L	0.31	5	
Bromoform	ND	ug/L	0.13	5	
Bromomethane	ND	ug/L	0.68	5	
Carbon Tetrachloride	ND	ug/L	0.27	5	
Chlorobenzene	ND	ug/L	0.19	5	
Chlorodibromomethane	ND	ug/L	0.21	5	
Chloroethane	ND	ug/L	0.45	5	
Chloroform	ND	ug/L	0.18	5	
Chloromethane	ND	ug/L	0.27	5	
cis-1,2-Dichloroethene	ND	ug/L	0.27	5	
cis-1,3-dichloropropene	ND	ug/L	0.25	5	
cis-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Dibromomethane	ND	ug/L	0.23	5	
Dichlorodifluoromethane	ND	ug/L	0.33	5	
Di-isopropyl ether (DIPE)	ND	ug/L	0.17	1	
Ethylbenzene	ND	ug/L	0.21	5	
Ethyl-tertbutylether (ETBE)	ND	ug/L	0.23	1	
Hexachlorobutadiene	ND	ug/L	0.51	5	
Isopropylbenzene	ND	ug/L	0.24	5	

QCBatchID: QC1201839 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Water **Analyzed:** 05/09/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201839MB1					
m and p-Xylene	ND	ug/L	0.45	5	
Methylene chloride	ND	ug/L	0.16	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.19	1	
Naphthalene	ND	ug/L	0.25	5	
N-butylbenzene	ND	ug/L	0.25	5	
N-propylbenzene	ND	ug/L	0.31	5	
o-Xylene	ND	ug/L	0.29	5	
Sec-butylbenzene	ND	ug/L	0.32	5	
Styrene	ND	ug/L	0.22	5	
t-Butyl alcohol (TBA)	ND	ug/L	5.2	10	
Tert-amylmethylether (TAME)	ND	ug/L	0.19	5	
Tert-butylbenzene	ND	ug/L	0.4	5	
Tetrachloroethene	ND	ug/L	0.8	5	
Toluene	ND	ug/L	0.24	5	
trans-1,2-dichloroethene	ND	ug/L	0.33	5	
trans-1,3-dichloropropene	ND	ug/L	0.23	5	
trans-1,4-dichloro-2-butene	ND	ug/L	0.17	5	
Trichloroethene	ND	ug/L	0.39	5	
Trichlorofluoromethane	ND	ug/L	0.25	5	
Vinyl Chloride	ND	ug/L	0.18	5	
Xylenes (Total)	ND	ug/L	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201839LCS1											
1,1-Dichloroethene	50		48		ug/L	96			59-172		
Benzene	50		50		ug/L	100			62-137		
Chlorobenzene	50		49		ug/L	98			60-133		
Methyl-t-butyl Ether (MTBE)	50		44		ug/L	88			62-137		
Toluene	50		50		ug/L	100			59-139		
Trichloroethene	50		49		ug/L	98			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201839MS1, QC1201839MSD1												**Source: 415009-002**
1,1-Dichloroethene	7.5	50	50	54	53	ug/L	93	91	1.9	59-172	22	
Benzene	ND	50	50	48	48	ug/L	96	96	0.0	62-137	24	
Chlorobenzene	ND	50	50	48	48	ug/L	96	96	0.0	60-133	24	
Methyl-t-butyl Ether (MTBE)	0.30	50	50	43	43	ug/L	85	85	0.0	62-137	21	
Toluene	ND	50	50	48	48	ug/L	96	96	0.0	59-139	21	
Trichloroethene	0.57	50	50	48	47	ug/L	95	93	2.1	66-142	21	

QCBatchID:	**QC1201866**	**Analyst:**	TWu	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/15/2019	**Instrument:**	SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201866MB1					
TPH Diesel	**1.22**	mg/Kg	0.022	1	B
TPH Motor Oil	ND	mg/Kg	2.1	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201866LCS1											
TPH Diesel	25		16.6		mg/Kg	66			52-122		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201866MS1, QC1201866MSD1												**Source: 415102-009**
TPH Diesel	2.09	25	25	17.6	17.9	mg/Kg	62	63	1.7	70-130	20	M

QCBatchID: QC1201891	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 05/10/2019	Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201891MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	

QCBatchID: QC1201891 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/10/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201891MB1					
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201891LCS1											
1,1-Dichloroethene	50		55		ug/Kg	110			59-172		
Benzene	50		50		ug/Kg	100			62-137		
Chlorobenzene	50		48		ug/Kg	96			60-133		
Methyl-t-butyl Ether (MTBE)	50		48		ug/Kg	96			62-137		
Toluene	50		49		ug/Kg	98			59-139		
Trichloroethene	50		51		ug/Kg	102			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201891MS1, QC1201891MSD1												**Source: 414962-009**
1,1-Dichloroethene	ND	50	50	50	48	ug/Kg	100	96	4.1	59-172	22	
Benzene	ND	50	50	46	45	ug/Kg	92	90	2.2	62-137	24	
Chlorobenzene	ND	50	50	44	43	ug/Kg	88	86	2.3	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	47	46	ug/Kg	94	92	2.2	62-137	21	
Toluene	ND	50	50	44	47	ug/Kg	88	94	6.6	59-139	21	
Trichloroethene	ND	50	50	46	51	ug/Kg	92	102	10.3	66-142	21	

QCBatchID:	**QC1201901**	**Analyst:**	Abanh	**Method:**	EPA 8015B
Matrix:	Water	**Analyzed:**	05/13/2019	**Instrument:**	SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201901MB1					
TPH (C13 to C22)	ND	mg/L	0.04	0.2	
TPH (C13 to C40)	ND	mg/L	0.016	0.05	
TPH (C23 to C40)	ND	mg/L	0.07	0.3	
TPH (C23 to C44)	ND	mg/L	0.07	0.3	
TPH (C6 to C12)	ND	mg/L	0.06	0.3	
TPH (C6 to C44) Total	ND	mg/L	0.04	0.3	
TPH (C8 to C22)	ND	mg/L	0.04	0.3	
TPH Diesel	ND	mg/L	0.04	0.1	
TPH Motor Oil	ND	mg/L	0.07	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1201901LCS1, QC1201901LCSD1											
TPH Diesel	1	1	0.75	0.79	mg/L	75	79	5	70-130	20	

QCBatchID: QC1201969 **Analyst:** JParedes **Method:** EPA 7471A

Matrix: Solid **Analyzed:** 05/14/2019 **Instrument:** AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201969MB1					
Mercury	ND	mg/Kg	0.039	0.14	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201969LCS1											
Mercury	0.83		0.89		mg/Kg	107			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201969MS1, QC1201969MSD1												**Source: 415102-009**
Mercury	ND	0.83	0.83	0.89	0.91	mg/Kg	107	110	2.2	75-125	20	

QCBatchID:	**QC1203757**	**Analyst:**	dswafford	**Method:**	EPA 6010B
Matrix:	Solid	**Analyzed:**	07/01/2019	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1203757MB1					
Lead	ND	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1203757LCS1											
Lead	100		94.1		mg/Kg	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1203757MS1, QC1203757MSD1												**Source: 414852-028**
Lead	26.2	100	100	99.0	110	mg/Kg	73	84	10.5	75-125	20	M

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 415102

Page: 1 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	T22 Metals (6010B/7471A)	TPHd,o (8015B)	TPHg (8015B/5035)	VOCs (8260B/5035)	Hold	Test Instructions / Comments
1	AOC4-B18-S1-5'	5/8/19	0810	SOIL	1-6" sleeve 5-VOAs	ICE	X	X	X	X		
2	AOC4-B18-S1-10'		0814								X	
3	AOC4-B18-S1-15'		0825				X	X	X	X		
4	AOC4-B18-S1-20'		0840								X	
5	AOC4-B19-S1-5'		0910				X	X	X	X		
6	AOC4-B19-S1-10'		0914								X	
7	AOC4-B19-S1-15'		0925				X	X	X	X		
8	AOC4-B19-S1-20'		0940								X	
9	AOC4-B19-E1-5'		1025				X	X	X	X		
10	AOC4-B19-E1-10'	↓	1030	↓	↓	↓					X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristine Hill	NMM Geologist	5/8/19 1730
[1] Received By:				5/8/19 1730
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 415102

Page: 2 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	T22-Metals (6010B/7471A)	TPHd,o (8015B)	TPHg (8015B/5035)	VOCs (8260B/5035)	hold	Test Instructions / Comments
11	AOC4-B19-E1-15'	5/8/19	1047	SOIL	1-6" sleeve 5-VOAs	ICE	X	X	X	X		
12	AOC4-B19-E1-20'		1057								X	
13	AOC4-B19-W1-5'		1120				X	X	X	X		
14	AOC4-B19-W1-10'		1127								X	
15	AOC4-B19-W1-15'		1138				X	X	X	X		
16	AOC4-B19-W1-20'		1152								X	
17	AOC4-B19-W1-5'		1258				X	X	X	X		
18	AOC4-B19-W1-10'		1305								X	
19	AOC4-B19-W1-15'		1313				X	X	X	X		
20	AOC4-B19-W1-20'		1225								X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/8/19 1730
[1] Received By:				5/8/19 1730
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 415102 — Page: 3 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	T22 Metals (6010B/7471A)	TPHd,o (8015B)	TPHg (8015B) EMAT	VOCs (8260B)	Test Instructions / Comments
1	EB-050819A	5/8/19	—	H_2O	Various	ICE	X	X	X	X	
2	EB-050819B	↓	—	↓	Various		X	X	X	X	
3	Trip Blank	↓	—	↓	2-VOAs					X	
4											
5											
6											
7											
8											
9											
10											

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/8/19 1730
1 Received By:				5/8/19 1730
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton High School PEA

Date Received: 5/8/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.4 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: -1.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/8/19

Ranjit Clarke

From: Patrick J. Cullip
Sent: Friday, June 28, 2019 4:45 PM
To: Ranjit Clarke
Cc: Audrey Carroll; Jay Roberts
Subject: RE: Compton HS - Additional Lead Analyses

Ranjit,

Please analyze the following soil samples previously placed on hold for the Compton HS project for lead by 6010B with a 2 day TAT:

AOC1-E-B1-1.5
AOC1-E-B2-1.5
AOC1-E-B3-1.5
AOC1-E-B4-1.5
AOC1-E-B6-1.5
AOC1-E-B7-1.5
AOC1-E-B8-1.5
AOC1-E-B9-1.5
AOC1-E-B10-1.5
AOC1-E-B11-1.5
AOC1-E-B12-1.5
AOC1-E-B19-1.5
AOC1-E-B20-1.5
AOC1-E-B31-1.5
AOC1-E-B32-1.5
AOC1-E-B33-1.5
AOC1-E-B34-1.5
AOC1-E-B36-1.5
AOC1-E-B37-1.5
AOC1-E-B38-1.5
AOC1-E-B39-1.5

AOC1-W-B1-1.5
AOC1-W-B2-1.5
AOC1-W-B7-1.5
AOC1-W-B13-1.5
AOC1-W-B22-1.5
AOC1-W-B23-1.5
AOC1-W-B26-1.5
AOC1-W-B27-1.5
AOC1-W-B40-1.5
AOC1-W-B48-1.5

AOC4-B18-S1-10

AOC5-B1-1.5
AOC5-B5-1.5

AOC5-B8-1.5
AOC5-B10-1.5
AOC5-B11-1.5
AOC5-B12-1.5
AOC5-B13-1.5
AOC5-B14-1.5
AOC5-B15-1.5
AOC5-B17-1.5
AOC5-B21-1.5
AOC5-B23-1.5
AOC5-B25-1.5

Thanks,
Patrick

From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Wednesday, June 5, 2019 5:01 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Subject: Re: Compton HS - Additional Lead Analyses

Thanks for the notice.

On Wed, Jun 5, 2019 at 4:36 PM Patrick J. Cullip <pcullip@ninyoandmoore.com> wrote:

> Ranjit,
>
> Since we head several 0.5-foot soil samples collected for Compton HS that had elevated lead, we will be requesting that the deeper samples (1.5 and 2.5-foot) soil samples from the same borings will be analyzed for lead as well. I am working on an amendment to send to the client, which will need to be authorized before we can proceed. I just wanted to give you a heads up that some of the samples we placed on hold will soon be analyzed. Once we get authorization, we'll send a complete list of the samples to be analyzed.
>
> Thanks,
>
> **Patrick Cullip**
> Project Engineer
> **Ninyo & Moore**
>
> Geotechnical & Environmental Sciences Consultants
>
> 475 Goddard, Suite 200 | Irvine, CA 92618
>
> (949) 753-7070 (**x12286**) | (949) 307-4114 (Cell)
>
> **www.ninyoandmoore.com**

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip
Comments: Compton High School PEA
#210886001
601 S. Acacia Ave, CA 90220

Lab Request: 415126
Report Date: 07/18/2019
Date Received: 05/09/2019
Client ID: 15461

Supplemental Report 2 - Additional Lead results requested on 06/28/19 and 07/16/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
415126-001	AOC5-B22-0.5'	415126-027	AOC5-B3-2.5'	415126-053	AOC5-B15-1.5'
415126-002	AOC5-B22-1.5'	415126-028	AOC5-B5-0.5'	415126-054	AOC5-B15-2.5'
415126-003	AOC5-B22-2.5'	415126-029	AOC5-B5-1.5'	415126-055	AOC5-B16-0.5'
415126-004	AOC5-B20-0.5'	415126-030	AOC5-B5-2.5'	415126-056	AOC5-B16-1.5'
415126-005	AOC5-B20-1.5'	415126-031	AOC5-B7-0.5'	415126-057	AOC5-B16-2.5'
415126-006	AOC5-B20-2.5'	415126-032	AOC5-B7-1.5'	415126-058	AOC5-B17-0.5'
415126-007	AOC5-B21-0.5'	415126-033	AOC5-B7-2.5'	415126-059	AOC5-B17-1.5'
415126-008	AOC5-B21-1.5'	415126-034	AOC5-B8-0.5'	415126-060	AOC5-B17-2.5'
415126-009	AOC5-B21-2.5'	415126-035	AOC5-B8-1.5'	415126-061	AOC5-B18-0.5
415126-010	AOC5-B23-0.5'	415126-036	AOC5-B8-2.5'	415126-062	AOC5-B18-1.5'
415126-011	AOC5-B23-1.5'	415126-037	AOC5-B11-0.5'	415126-063	AOC5-B18-2.5'
415126-012	AOC5-B23-2.5'	415126-038	AOC5-B11-1.5'	415126-064	DUP-21
415126-013	AOC5-B24-0.5'	415126-039	AOC5-B11-2.5'	415126-065	DUP-22
415126-014	AOC5-B24-1.5'	415126-040	AOC5-B10-0.5'	415126-066	DUP-23
415126-015	AOC5-B24-2.5'	415126-041	AOC5-B10-1.5'	415126-067	DUP-24
415126-016	AOC5-B25-0.5'	415126-042	AOC5-B10-2.5'	415126-068	DUP-25
415126-017	AOC5-B25-1.5'	415126-043	AOC5-B12-0.5'	415126-069	DUP-26
415126-018	AOC5-B25-2.5'	415126-044	AOC5-B12-1.5'	415126-070	DUP-27
415126-019	AOC5-B1-0.5'	415126-045	AOC5-B12-2.5'	415126-071	DUP-28
415126-020	AOC5-B1-1.5'	415126-046	AOC5-B13-0.5'	415126-072	DUP-29
415126-021	AOC5-B1-2.5'	415126-047	AOC5-B13-1.5'	415126-073	CG24-0.5'
415126-022	AOC5-B2-0.5'	415126-048	AOC5-B13-2.5'	415126-074	CG24-2.5'
415126-023	AOC5-B2-1.5'	415126-049	AOC5-B14-0.5'	415126-075	CG25-0.5'
415126-024	AOC5-B2-2.5'	415126-050	AOC5-B14-1.5'	415126-076	CG25-2.5'
415126-025	AOC5-B3-0.5'	415126-051	AOC5-B14-2.5'	415126-077	CG26-0.5'
415126-026	AOC5-B3-1.5'	415126-052	AOC5-B15-0.5'	415126-078	CG26-2.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	Ninyo & Moore
Address:	475 Goddard Suite 200 Irvine, CA 92618
Attn:	Patrick Cullip
Comments:	Compton High School PEA #210886001 601 S. Acacia Ave, CA 90220

Lab Request:	415126
Report Date:	07/18/2019
Date Received:	05/09/2019
Client ID:	15461

Supplemental Report 2 - Additional Lead results requested on 06/28/19 and 07/16/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
415126-079	CG27-0.5'
415126-080	CG27-2.5'
415126-081	CG28-0.5'
415126-082	CG28-2.5'
415126-083	CG29-0.5'
415126-084	CG29-2.5'
415126-085	COMP DUP-6
415126-086	COMP DUP-7
415126-087	COMP DUP-8
415126-088	EB-050919A
415126-089	EB-050919B

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:58 **Site:**
Sample #: **415126-001** **Client Sample #:** AOC5-B22-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201843		
Lead	**48.1**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:00 **Site:**
Sample #: **415126-002** **Client Sample #:** AOC5-B22-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:04 **Site:**
Sample #: **415126-003** **Client Sample #:** AOC5-B22-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:12 **Site:**
Sample #: **415126-004** **Client Sample #:** AOC5-B20-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:14 **Site:**
Sample #: **415126-005** **Client Sample #:** AOC5-B20-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:16 **Site:**
Sample #: **415126-006** **Client Sample #:** AOC5-B20-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:19 **Site:**
Sample #: **415126-007** **Client Sample #:** AOC5-B21-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201843		
Lead	**179**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:20 **Site:**
Sample #: **415126-008** **Client Sample #:** AOC5-B21-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1203757		
Lead	**118**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:21 **Site:**
Sample #: 415126-009 **Client Sample #:** AOC5-B21-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1204287		
Lead	**44.0**	1	0.32	1	mg/Kg		07/17/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:28 **Site:**
Sample #: 415126-010 **Client Sample #:** AOC5-B23-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**126**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:32 **Site:**
Sample #: 415126-011 **Client Sample #:** AOC5-B23-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**9.63**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:34 **Site:**
Sample #: 415126-012 **Client Sample #:** AOC5-B23-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:40 **Site:**
Sample #: 415126-013 **Client Sample #:** AOC5-B24-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**14.3**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:43 **Site:**
Sample #: 415126-014 **Client Sample #:** AOC5-B24-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:45 **Site:**
Sample #: 415126-015 **Client Sample #:** AOC5-B24-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:55 **Site:**
Sample #: 415126-016 **Client Sample #:** AOC5-B25-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**160**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:59 **Site:**
Sample #: 415126-017 **Client Sample #:** AOC5-B25-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**165**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:02 **Site:**
Sample #: 415126-018 **Client Sample #:** AOC5-B25-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1204287		
Lead	**22.7**	1	0.32	1	mg/Kg		07/17/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 09:29 **Site:**
Sample #: 415126-019 **Client Sample #:** AOC5-B1-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**155**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 09:32 **Site:**
Sample #: 415126-020 **Client Sample #:** AOC5-B1-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**7.35**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 09:35 **Site:**
Sample #: 415126-021 **Client Sample #:** AOC5-B1-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 09:36 **Site:**
Sample #: 415126-022 **Client Sample #:** AOC5-B2-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**50.1**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 09:40 **Site:**
Sample #: 415126-023 **Client Sample #:** AOC5-B2-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 09:43 **Site:**
Sample #: 415126-024 **Client Sample #:** AOC5-B2-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 09:51 **Site:**
Sample #: 415126-025 **Client Sample #:** AOC5-B3-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**69.9**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 09:53 **Site:**
Sample #: 415126-026 **Client Sample #:** AOC5-B3-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 09:56 **Site:**
Sample #: 415126-027 **Client Sample #:** AOC5-B3-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:00 **Site:**
Sample #: 415126-028 **Client Sample #:** AOC5-B5-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**81.0**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:03 **Site:**
Sample #: 415126-029 **Client Sample #:** AOC5-B5-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**10.2**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:08 **Site:**
Sample #: 415126-030 **Client Sample #:** AOC5-B5-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:12 **Site:**
Sample #: 415126-031 **Client Sample #:** AOC5-B7-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**61.9**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:14 **Site:**
Sample #: 415126-032 **Client Sample #:** AOC5-B7-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:18 **Site:**
Sample #: 415126-033 **Client Sample #:** AOC5-B7-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:20 **Site:**
Sample #: 415126-034 **Client Sample #:** AOC5-B8-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**81.0**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:22 **Site:**
Sample #: 415126-035 **Client Sample #:** AOC5-B8-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**32.4**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:24 **Site:**
Sample #: 415126-036 **Client Sample #:** AOC5-B8-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:30 **Site:**
Sample #: 415126-037 **Client Sample #:** AOC5-B11-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**119**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:34 **Site:**
Sample #: 415126-038 **Client Sample #:** AOC5-B11-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**9.29**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:36 **Site:**
Sample #: 415126-039 **Client Sample #:** AOC5-B11-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:42 **Site:**
Sample #: 415126-040 **Client Sample #:** AOC5-B10-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**110**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:45 **Site:**
Sample #: 415126-041 **Client Sample #:** AOC5-B10-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**15.7**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 10:49 **Site:**
Sample #: 415126-042 **Client Sample #:** AOC5-B10-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:00 **Site:**
Sample #: 415126-043 **Client Sample #:** AOC5-B12-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**109**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:03 **Site:**
Sample #: 415126-044 **Client Sample #:** AOC5-B12-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203757		
Lead	**13.3**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:06 **Site:**
Sample #: 415126-045 **Client Sample #:** AOC5-B12-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:10 **Site:**
Sample #: 415126-046 **Client Sample #:** AOC5-B13-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**98.0**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:12 **Site:**
Sample #: 415126-047 **Client Sample #:** AOC5-B13-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1203758		
Lead	**15.2**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 11:16 **Site:**
Sample #: 415126-048 **Client Sample #:** AOC5-B13-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:02 **Site:**
Sample #: 415126-049 **Client Sample #:** AOC5-B14-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**123**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:04 **Site:**
Sample #: 415126-050 **Client Sample #:** AOC5-B14-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203758		
Lead	**155**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:07 **Site:**
Sample #: 415126-051 **Client Sample #:** AOC5-B14-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1204287		
Lead	**27.3**	1	0.32	1	mg/Kg		07/17/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:14 **Site:**
Sample #: 415126-052 **Client Sample #:** AOC5-B15-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201843		
Lead	**243**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:18 **Site:**
Sample #: 415126-053 **Client Sample #:** AOC5-B15-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203758		
Lead	**151**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:21 **Site:**
Sample #: 415126-054 **Client Sample #:** AOC5-B15-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1204287		
Lead	**17.0**	1	0.32	1	mg/Kg		07/17/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:40 **Site:**
Sample #: 415126-055 **Client Sample #:** AOC5-B16-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:43 **Site:**
Sample #: 415126-056 **Client Sample #:** AOC5-B16-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:46 **Site:**
Sample #: 415126-057 **Client Sample #:** AOC5-B16-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:51 **Site:**
Sample #: 415126-058 **Client Sample #:** AOC5-B17-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201844		
Lead	**122**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:55 **Site:**
Sample #: 415126-059 **Client Sample #:** AOC5-B17-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1203758		
Lead	**31.4**	1	0.32	1	mg/Kg	07/01/19	07/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 12:58 **Site:**
Sample #: 415126-060 **Client Sample #:** AOC5-B17-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 13:01 **Site:**
Sample #: 415126-061 **Client Sample #:** AOC5-B18-0.5 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201844		
Lead	**54.9**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 13:05 **Site:**
Sample #: 415126-062 **Client Sample #:** AOC5-B18-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 13:08 **Site:**
Sample #: 415126-063 **Client Sample #:** AOC5-B18-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-064**	**Client Sample #:** DUP-21			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-065**	**Client Sample #:** DUP-22			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-066**	**Client Sample #:** DUP-23			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-067**	**Client Sample #:** DUP-24			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-068**	**Client Sample #:** DUP-25			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-069**	**Client Sample #:** DUP-26			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-070**	**Client Sample #:** DUP-27			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201844		
Lead	**262**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-071**	**Client Sample #:** DUP-28			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201844		
Lead	**72.4**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-072**	**Client Sample #:** DUP-29			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1201844		
Lead	**152**	1	0.32	1	mg/Kg	05/10/19	05/10/19	SBW	

Matrix: Solid	**Client:** Ninyo & Moore			**Collector:** Client	
Sampled: 05/09/2019	**Site:**				
Sample #: **415126-073**	**Client Sample #:** CG24-0.5'			**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC*	Prep Method: EPA 3545						QCBatchID: QC1201947		
4,4'-DDD	**5.3**	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDE	**97**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDT	**120**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	**160**	1	35	50	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*56*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*58*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: **415126-074** **Client Sample #:** CG24-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201947		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*47*	*50-150*	S
Tetrachloro-m-xylene TCMX (SUR)	*57*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: **415126-075** **Client Sample #:** CG25-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201947		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDE	**33**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDT	**22**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	**86**	1	35	50	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*50*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*56*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: 415126-076 **Client Sample #:** CG25-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201947		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*49*	*50-150*	S
Tetrachloro-m-xylene TCMX (SUR)	*56*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: 415126-077 **Client Sample #:** CG26-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201947		
4,4'-DDD	**8.2 J**	2	4.2	10	ug/Kg	05/13/19	05/14/19	MTS	J
4,4'-DDE	**71**	2	4	10	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDT	**59**	2	4	10	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	2	3.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	2	3	10	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	2	3	10	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	ND	2	70	100	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	2	2.4	10	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	2	4.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	2	2.4	10	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	2	5.6	10	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	2	6.8	10	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	2	5.4	10	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	2	4.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	2	8.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	2	2.6	10	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	2	4.6	10	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	2	4	10	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	2	18.4	20	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	2	108	200	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*58*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*63*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: **415126-078** **Client Sample #:** CG26-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201947		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDE	**2.4 J**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	J
4,4'-DDT	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*51*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*58*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: **415126-079** **Client Sample #:** CG27-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201947		
4,4'-DDD	**9.6**	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDE	**200**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDT	**110**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*53*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*55*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: **415126-080** **Client Sample #:** CG27-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201947		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDE	**12**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDT	**11**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*54*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*61*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: **415126-081** **Client Sample #:** CG28-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1201947		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDE	**7.0**	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*58*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*62*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: 415126-082 **Client Sample #:** CG28-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1201947		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/13/19	05/14/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/13/19	05/14/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/13/19	05/14/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/13/19	05/14/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/13/19	05/14/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/13/19	05/14/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/13/19	05/14/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/13/19	05/14/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*57*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*63*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: 415126-083 **Client Sample #:** CG29-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC Prep Method: EPA 3545							QCBatchID: QC1202002		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
4,4'-DDE	**15**	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
4,4'-DDT	**40**	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/15/19	05/16/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
Chlordane (technical)	**1200**	5	175	250	ug/Kg	05/15/19	05/16/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Heptachlor epoxide	**7.0**	1	2.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/15/19	05/16/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/15/19	05/16/19	MTS	

Surrogate	% Recovery	Limits	Notes
Decachlorobiphenyl DCB (SUR)	*66*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*65*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: **415126-084** **Client Sample #:** CG29-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1202002		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
4,4'-DDT	ND	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/15/19	05/16/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/15/19	05/16/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/15/19	05/16/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/15/19	05/16/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*63*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*63*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: **415126-085** **Client Sample #:** COMP DUP-6 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A *NELAC* Prep Method: EPA 3545							QCBatchID: QC1202002		
4,4'-DDD	**2.6 J**	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	J
4,4'-DDE	ND	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
4,4'-DDT	**39**	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/15/19	05/16/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
Chlordane (technical)	ND	1	35	50	ug/Kg	05/15/19	05/16/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/15/19	05/16/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/15/19	05/16/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*61*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*59*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: 415126-086 **Client Sample #:** COMP DUP-7 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC	Prep Method: EPA 3545						QCBatchID: QC1202002		
4,4'-DDD	**2.7 J**	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	J
4,4'-DDE	**80**	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
4,4'-DDT	**57**	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/15/19	05/16/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
Chlordane (technical)	**190**	1	35	50	ug/Kg	05/15/19	05/16/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin Ketone	ND	1	4.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Heptachlor	ND	1	1.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/15/19	05/16/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/15/19	05/16/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*60*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*62*	*50-150*	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: 415126-087 **Client Sample #:** COMP DUP-8 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 8081A NELAC	Prep Method: EPA 3545						QCBatchID: QC1202002		
4,4'-DDD	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
4,4'-DDE	ND	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
4,4'-DDT	**43**	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
a-BHC	ND	1	1.6	5	ug/Kg	05/15/19	05/16/19	MTS	
Aldrin	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
b-BHC	ND	1	1.5	5	ug/Kg	05/15/19	05/16/19	MTS	
Chlordane (technical)	**1200**	5	175	250	ug/Kg	05/15/19	05/16/19	MTS	
d-BHC	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Dieldrin	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan I	ND	1	1.2	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan II	ND	1	2.8	5	ug/Kg	05/15/19	05/16/19	MTS	
Endosulfan sulfate	ND	1	3.4	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin	ND	1	2.7	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin aldehyde	ND	1	2.1	5	ug/Kg	05/15/19	05/16/19	MTS	
Endrin Ketone	**4.4 J**	1	4.1	5	ug/Kg	05/15/19	05/16/19	MTS	J
Heptachlor	ND	1	1.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Heptachlor epoxide	ND	1	2.3	5	ug/Kg	05/15/19	05/16/19	MTS	
Lindane (Gamma-BHC)	ND	1	2	5	ug/Kg	05/15/19	05/16/19	MTS	
Methoxychlor	ND	1	9.2	10	ug/Kg	05/15/19	05/16/19	MTS	
Toxaphene	ND	1	54	100	ug/Kg	05/15/19	05/16/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*58*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*58*	*50-150*	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/09/2019	**Site:**			
Sample #:	**415126-088**	**Client Sample #:**	EB-050919A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3010A							QCBatchID: QC1201856		
Lead	**0.006 J**	1	0.005	0.01	mg/L	05/10/19	05/10/19	SBW	J
Method: EPA 8081A *NELAC* Prep Method: EPA 3510C							QCBatchID: QC1201859		
4,4'-DDD	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
4,4'-DDE	ND	1	0.006	0.1	ug/L	05/10/19	05/10/19	MTS	
4,4'-DDT	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
a-BHC	ND	1	0.002	0.1	ug/L	05/10/19	05/10/19	MTS	
Aldrin	ND	1	0.007	0.1	ug/L	05/10/19	05/10/19	MTS	
b-BHC	ND	1	0.003	0.1	ug/L	05/10/19	05/10/19	MTS	
Chlordane (technical)	ND	1	0.27	1	ug/L	05/10/19	05/10/19	MTS	
d-BHC	ND	1	0.006	0.1	ug/L	05/10/19	05/10/19	MTS	
Dieldrin	ND	1	0.006	0.1	ug/L	05/10/19	05/10/19	MTS	
Endosulfan I	ND	1	0.004	0.1	ug/L	05/10/19	05/10/19	MTS	
Endosulfan II	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
Endosulfan sulfate	ND	1	0.012	0.1	ug/L	05/10/19	05/10/19	MTS	
Endrin	ND	1	0.008	0.1	ug/L	05/10/19	05/10/19	MTS	
Endrin aldehyde	ND	1	0.009	0.1	ug/L	05/10/19	05/10/19	MTS	
Endrin Ketone	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
Heptachlor	ND	1	0.003	0.1	ug/L	05/10/19	05/10/19	MTS	
Heptachlor epoxide	ND	1	0.002	0.1	ug/L	05/10/19	05/10/19	MTS	
Lindane (Gamma-BHC)	ND	1	0.002	0.1	ug/L	05/10/19	05/10/19	MTS	
Methoxychlor	ND	1	0.055	0.1	ug/L	05/10/19	05/10/19	MTS	
Toxaphene	ND	1	0.48	2	ug/L	05/10/19	05/10/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*71*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*63*	*50-150*	

Matrix: Water **Client:** Ninyo & Moore **Collector:** Client
Sampled: 05/09/2019 **Site:**
Sample #: 415126-089 **Client Sample #:** EB-050919B **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3010A							QCBatchID: QC1201856		
Lead	**0.008 J**	1	0.005	0.01	mg/L	05/10/19	05/10/19	SBW	J
Method: EPA 8081A NELAC Prep Method: EPA 3510C							QCBatchID: QC1201859		
4,4'-DDD	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
4,4'-DDE	ND	1	0.006	0.1	ug/L	05/10/19	05/10/19	MTS	
4,4'-DDT	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
a-BHC	ND	1	0.002	0.1	ug/L	05/10/19	05/10/19	MTS	
Aldrin	ND	1	0.007	0.1	ug/L	05/10/19	05/10/19	MTS	
b-BHC	ND	1	0.003	0.1	ug/L	05/10/19	05/10/19	MTS	
Chlordane (technical)	ND	1	0.27	1	ug/L	05/10/19	05/10/19	MTS	
d-BHC	ND	1	0.006	0.1	ug/L	05/10/19	05/10/19	MTS	
Dieldrin	ND	1	0.006	0.1	ug/L	05/10/19	05/10/19	MTS	
Endosulfan I	ND	1	0.004	0.1	ug/L	05/10/19	05/10/19	MTS	
Endosulfan II	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
Endosulfan sulfate	ND	1	0.012	0.1	ug/L	05/10/19	05/10/19	MTS	
Endrin	ND	1	0.008	0.1	ug/L	05/10/19	05/10/19	MTS	
Endrin aldehyde	ND	1	0.009	0.1	ug/L	05/10/19	05/10/19	MTS	
Endrin Ketone	ND	1	0.011	0.1	ug/L	05/10/19	05/10/19	MTS	
Heptachlor	ND	1	0.003	0.1	ug/L	05/10/19	05/10/19	MTS	
Heptachlor epoxide	ND	1	0.002	0.1	ug/L	05/10/19	05/10/19	MTS	
Lindane (Gamma-BHC)	ND	1	0.002	0.1	ug/L	05/10/19	05/10/19	MTS	
Methoxychlor	ND	1	0.055	0.1	ug/L	05/10/19	05/10/19	MTS	
Toxaphene	ND	1	0.48	2	ug/L	05/10/19	05/10/19	MTS	

Surrogate	*% Recovery*	*Limits*	*Notes*
Decachlorobiphenyl DCB (SUR)	*66*	*50-150*	
Tetrachloro-m-xylene TCMX (SUR)	*60*	*50-150*	

QCBatchID: QC1201843 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/10/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201843MB1					
Antimony	**1.23 J**	mg/Kg	0.37	3	
Arsenic	**0.65 J**	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Iron	**1.33 J**	mg/Kg	0.4	5	
Lead	ND	mg/Kg	0.32	1	
Molybdenum	**0.80 J**	mg/Kg	0.13	1	
Nickel	**0.25 J**	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	**1.92 J**	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	**0.36 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201843LCS1											
Antimony	100		105		mg/Kg	105			80-120		
Arsenic	100		93.2		mg/Kg	93			80-120		
Barium	100		101		mg/Kg	101			80-120		
Beryllium	100		99.4		mg/Kg	99			80-120		
Cadmium	100		101		mg/Kg	101			80-120		
Chromium	100		98.9		mg/Kg	99			80-120		
Cobalt	100		104		mg/Kg	104			80-120		
Copper	100		97.5		mg/Kg	98			80-120		
Lead	100		106		mg/Kg	106			80-120		
Molybdenum	100		99.6		mg/Kg	100			80-120		
Nickel	100		106		mg/Kg	106			80-120		
Selenium	100		90.5		mg/Kg	91			80-120		
Silver	100		98.1		mg/Kg	98			80-120		
Thallium	100		96.6		mg/Kg	97			80-120		
Vanadium	100		99.7		mg/Kg	100			80-120		
Zinc	100		104		mg/Kg	104			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201843MS1, QC1201843MSD1												**Source: 414928-001**
Antimony	1.32	100	100	42.1	41.2	mg/Kg	41	40	2.2	75-125	20	M
Arsenic	ND	100	100	84.8	85.8	mg/Kg	85	86	1.2	75-125	20	
Barium	56.3	100	100	140	141	mg/Kg	84	85	0.7	75-125	20	
Beryllium	ND	100	100	87.7	91.2	mg/Kg	88	91	3.9	75-125	20	
Cadmium	0.63	100	100	86.2	84.6	mg/Kg	86	84	1.9	75-125	20	
Chromium	13.6	100	100	102	100	mg/Kg	88	86	2.0	75-125	20	
Cobalt	5.50	100	100	92.6	91.0	mg/Kg	87	86	1.7	75-125	20	
Copper	9.15	100	100	108	112	mg/Kg	99	103	3.6	75-125	20	
Lead	3.46	100	100	95.7	96.6	mg/Kg	92	93	0.9	75-125	20	

QCBatchID: QC1201843 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/10/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201843MS1, QC1201843MSD1												**Source: 414928-001**
Molybdenum	2.16	100	100	85.3	88.2	mg/Kg	83	86	3.3	75-125	20	
Nickel	7.47	100	100	96.7	101	mg/Kg	89	94	4.4	75-125	20	
Selenium	ND	100	100	83.2	83.3	mg/Kg	83	83	0.1	75-125	20	
Silver	ND	100	100	88.0	85.6	mg/Kg	88	86	2.8	75-125	20	
Thallium	1.96	100	100	75.4	83.8	mg/Kg	73	82	10.6	75-125	20	M
Vanadium	22.2	100	100	114	113	mg/Kg	92	91	0.9	75-125	20	
Zinc	37.1	100	100	124	119	mg/Kg	87	82	4.1	75-125	20	

QCBatchID: QC1201844 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/10/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result		Units	MDL	RDL	Notes
QC1201844MB1						
Antimony	ND		mg/Kg	0.37	3	
Arsenic	ND		mg/Kg	0.36	1	
Barium	ND		mg/Kg	0.23	1	
Beryllium	ND		mg/Kg	0.17	0.5	
Cadmium	ND		mg/Kg	0.21	0.5	
Chromium	ND		mg/Kg	0.13	1	
Cobalt	ND		mg/Kg	0.19	0.5	
Copper	**0.41**	**J**	mg/Kg	0.31	1	
Lead	ND		mg/Kg	0.32	1	
Molybdenum	ND		mg/Kg	0.13	1	
Nickel	**0.29**	**J**	mg/Kg	0.2	1.5	
Selenium	**1.12**	**J**	mg/Kg	0.72	3	
Silver	ND		mg/Kg	0.13	0.5	
Thallium	ND		mg/Kg	0.42	3	
Vanadium	ND		mg/Kg	0.37	0.5	
Zinc	**2.51**	**J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201844LCS1											
Antimony	100		108		mg/Kg	108			80-120		
Arsenic	100		92.4		mg/Kg	92			80-120		
Barium	100		106		mg/Kg	106			80-120		
Beryllium	100		103		mg/Kg	103			80-120		
Cadmium	100		106		mg/Kg	106			80-120		
Chromium	100		103		mg/Kg	103			80-120		
Cobalt	100		109		mg/Kg	109			80-120		
Copper	100		101		mg/Kg	101			80-120		
Lead	100		108		mg/Kg	108			80-120		
Molybdenum	100		102		mg/Kg	102			80-120		
Nickel	100		108		mg/Kg	108			80-120		
Selenium	100		91.0		mg/Kg	91			80-120		
Silver	100		102		mg/Kg	102			80-120		
Thallium	100		95.5		mg/Kg	96			80-120		
Vanadium	100		103		mg/Kg	103			80-120		
Zinc	100		105		mg/Kg	105			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201844MS1, QC1201844MSD1												**Source: 415126-058**
Antimony	ND	100	100	32.1	30.3	mg/Kg	32	30	5.8	75-125	20	M
Arsenic	ND	100	100	93.4	91.0	mg/Kg	93	91	2.6	75-125	20	
Barium	154	100	100	283	268	mg/Kg	129	114	5.4	75-125	20	M
Beryllium	ND	100	100	107	103	mg/Kg	107	103	3.8	75-125	20	
Cadmium	1.34	100	100	110	105	mg/Kg	109	104	4.7	75-125	20	
Chromium	20.3	100	100	141	136	mg/Kg	121	116	3.6	75-125	20	
Cobalt	10.9	100	100	124	116	mg/Kg	113	105	6.7	75-125	20	
Copper	35.6	100	100	162	158	mg/Kg	126	122	2.5	75-125	20	M
Lead	122	100	100	247	236	mg/Kg	125	114	4.6	75-125	20	
Molybdenum	1.16	100	100	102	96.7	mg/Kg	101	96	5.3	75-125	20	

QCBatchID: QC1201844 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/10/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201844MS1, QC1201844MSD1												**Source: 415126-058**
Nickel	15.6	100	100	124	118	mg/Kg	108	102	5.0	75-125	20	
Selenium	ND	100	100	99.8	96.6	mg/Kg	100	97	3.3	75-125	20	
Silver	ND	100	100	109	102	mg/Kg	109	102	6.6	75-125	20	
Thallium	2.97	100	100	96.2	93.5	mg/Kg	93	91	2.8	75-125	20	
Vanadium	38.3	100	100	159	149	mg/Kg	121	111	6.5	75-125	20	
Zinc	230	100	100	363	342	mg/Kg	133	112	6.0	75-125	20	M

QCBatchID: QC1201856 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Water **Analyzed:** 05/10/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201856MB1					
Lead	ND	mg/L	0.005	0.01	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201856LCS1											
Lead	2		1.82		mg/L	91			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201856MS1, QC1201856MSD1												**Source: 415126-088**
Lead	0.006	1	1	0.939	0.938	mg/L	93	93	0.1	75-125	20	

QCBatchID: QC1201859 **Analyst:** Abanh **Method:** EPA 8081A

Matrix: Water **Analyzed:** 05/10/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201859MB1					
4,4'-DDD	ND	ug/L	0.011	0.1	
4,4'-DDE	ND	ug/L	0.006	0.1	
4,4'-DDT	ND	ug/L	0.011	0.1	
a-BHC	ND	ug/L	0.002	0.1	
Aldrin	ND	ug/L	0.007	0.1	
b-BHC	ND	ug/L	0.003	0.1	
Chlordane (technical)	ND	ug/L	0.27	1	
d-BHC	ND	ug/L	0.006	0.1	
Dieldrin	ND	ug/L	0.006	0.1	
Endosulfan I	ND	ug/L	0.004	0.1	
Endosulfan II	ND	ug/L	0.011	0.1	
Endosulfan sulfate	ND	ug/L	0.012	0.1	
Endrin	ND	ug/L	0.008	0.1	
Endrin aldehyde	ND	ug/L	0.009	0.1	
Endrin Ketone	ND	ug/L	0.011	0.1	
Heptachlor	ND	ug/L	0.003	0.1	
Heptachlor epoxide	ND	ug/L	0.002	0.1	
Lindane (Gamma-BHC)	ND	ug/L	0.002	0.1	
Methoxychlor	ND	ug/L	0.055	0.1	
Toxaphene	ND	ug/L	0.48	2	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201859LCS1, QC1201859LCSD1											
4,4'-DDD	0.5	0.5	0.45	0.44	ug/L	90	88	2	42-142	20	
4,4'-DDE	0.5	0.5	0.41	0.39	ug/L	82	78	5	48-133	20	
4,4'-DDT	0.5	0.5	0.57	0.55	ug/L	114	110	4	40-143	20	
a-BHC	0.5	0.5	0.39	0.37	ug/L	78	74	5	55-122	20	
Aldrin	0.5	0.5	0.39	0.37	ug/L	78	74	5	46-117	20	
b-BHC	0.5	0.5	0.43	0.42	ug/L	86	84	2	46-136	20	
d-BHC	0.5	0.5	0.38	0.37	ug/L	76	74	3	53-124	20	
Dieldrin	0.5	0.5	0.43	0.41	ug/L	86	82	5	49-129	20	
Endosulfan I	0.5	0.5	0.41	0.40	ug/L	82	80	2	54-122	20	
Endosulfan II	0.5	0.5	0.42	0.39	ug/L	84	78	7	46-132	20	
Endosulfan sulfate	0.5	0.5	0.46	0.44	ug/L	92	88	4	52-129	20	
Endrin	0.5	0.5	0.47	0.45	ug/L	94	90	4	57-145	20	
Endrin aldehyde	0.5	0.5	0.43	0.41	ug/L	86	82	5	48-116	20	
Endrin Ketone	0.5	0.5	0.44	0.43	ug/L	88	86	2	44-137	20	
Heptachlor	0.5	0.5	0.34	0.33	ug/L	68	66	3	51-128	20	
Heptachlor epoxide	0.5	0.5	0.36	0.34	ug/L	72	68	6	51-122	20	
Lindane (Gamma-BHC)	0.5	0.5	0.37	0.36	ug/L	74	72	3	54-128	20	
Methoxychlor	0.5	0.5	0.51	0.49	ug/L	102	98	4	52-158	20	

QCBatchID: QC1201947 **Analyst:** bmorris **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/13/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201947MB1					
4,4'-DDD	ND	ug/Kg	2.1	5	
4,4'-DDE	ND	ug/Kg	2	5	
4,4'-DDT	ND	ug/Kg	2	5	
a-BHC	ND	ug/Kg	1.6	5	
Aldrin	ND	ug/Kg	1.5	5	
b-BHC	ND	ug/Kg	1.5	5	
Chlordane (technical)	ND	ug/Kg	35	50	
d-BHC	ND	ug/Kg	1.2	5	
Dieldrin	ND	ug/Kg	2.1	5	
Endosulfan I	ND	ug/Kg	1.2	5	
Endosulfan II	ND	ug/Kg	2.8	5	
Endosulfan sulfate	ND	ug/Kg	3.4	5	
Endrin	ND	ug/Kg	2.7	5	
Endrin aldehyde	ND	ug/Kg	2.1	5	
Endrin Ketone	ND	ug/Kg	4.1	5	
Heptachlor	ND	ug/Kg	1.3	5	
Heptachlor epoxide	ND	ug/Kg	2.3	5	
Lindane (Gamma-BHC)	ND	ug/Kg	2	5	
Methoxychlor	ND	ug/Kg	9.2	10	
Toxaphene	ND	ug/Kg	54	100	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201947LCS1											
4,4'-DDD	50		45		ug/Kg	90			43-172		
4,4'-DDE	50		42		ug/Kg	84			44-163		
4,4'-DDT	50		60		ug/Kg	120			40-158		
a-BHC	50		41		ug/Kg	82			45-150		
Aldrin	50		39		ug/Kg	78			46-142		
b-BHC	50		44		ug/Kg	88			42-156		
d-BHC	50		37		ug/Kg	74			37-161		
Dieldrin	50		43		ug/Kg	86			47-151		
Endosulfan I	50		42		ug/Kg	84			47-141		
Endosulfan II	50		40		ug/Kg	80			44-156		
Endosulfan sulfate	50		45		ug/Kg	90			43-157		
Endrin	50		46		ug/Kg	92			47-160		
Endrin aldehyde	50		38		ug/Kg	76			32-127		
Endrin Ketone	50		46		ug/Kg	92			48-159		
Heptachlor	50		35		ug/Kg	70			50-144		
Heptachlor epoxide	50		37		ug/Kg	74			48-145		
Lindane (Gamma-BHC)	50		39		ug/Kg	78			47-151		
Methoxychlor	50		52		ug/Kg	104			36-182		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201947MS1, QC1201947MSD1												**Source: 415182-003**
4,4'-DDD	ND	50	50	43	41	ug/Kg	86	82	4.8	43-172	20	
4,4'-DDE	ND	50	50	39	35	ug/Kg	78	70	10.8	44-163	20	
4,4'-DDT	ND	50	50	47	54	ug/Kg	94	108	13.9	40-158	20	
a-BHC	ND	50	50	38	34	ug/Kg	76	68	11.1	45-150	20	

QCBatchID: QC1201947 **Analyst:** bmorris **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/13/2019 **Instrument:** SVOA-GC (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201947MS1, QC1201947MSD1												**Source: 415182-003**
Aldrin	ND	50	50	38	33	ug/Kg	76	66	14.1	46-142	20	
b-BHC	ND	50	50	40	36	ug/Kg	80	72	10.5	42-156	20	
d-BHC	ND	50	50	25	21	ug/Kg	50	42	17.4	37-161	20	
Dieldrin	ND	50	50	39	34	ug/Kg	78	68	13.7	47-151	20	
Endosulfan I	ND	50	50	33	28	ug/Kg	66	56	16.4	47-141	20	
Endosulfan II	ND	50	50	32	26	ug/Kg	64	52	20.7	44-156	20	D
Endosulfan sulfate	ND	50	50	40	36	ug/Kg	80	72	10.5	43-157	20	
Endrin	ND	50	50	42	39	ug/Kg	84	78	7.4	47-160	20	
Endrin aldehyde	ND	50	50	34	27	ug/Kg	68	54	23.0	32-127	20	D
Endrin Ketone	ND	50	50	42	37	ug/Kg	84	74	12.7	48-159	20	
Heptachlor	ND	50	50	31	29	ug/Kg	62	58	6.7	50-144	20	
Heptachlor epoxide	ND	50	50	34	29	ug/Kg	68	58	15.9	48-145	20	
Lindane (Gamma-BHC)	ND	50	50	34	30	ug/Kg	68	60	12.5	47-151	20	
Methoxychlor	ND	50	50	49	41	ug/Kg	98	82	17.8	36-182	20	

QCBatchID: QC1202002 **Analyst:** trinh **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/15/2019 **Instrument:** SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202002MB1					
4,4'-DDD	ND	ug/Kg	2.1	5	
4,4'-DDE	ND	ug/Kg	2	5	
4,4'-DDT	ND	ug/Kg	2	5	
a-BHC	ND	ug/Kg	1.6	5	
Aldrin	ND	ug/Kg	1.5	5	
b-BHC	ND	ug/Kg	1.5	5	
Chlordane (technical)	ND	ug/Kg	35	50	
d-BHC	ND	ug/Kg	1.2	5	
Dieldrin	ND	ug/Kg	2.1	5	
Endosulfan I	ND	ug/Kg	1.2	5	
Endosulfan II	ND	ug/Kg	2.8	5	
Endosulfan sulfate	ND	ug/Kg	3.4	5	
Endrin	ND	ug/Kg	2.7	5	
Endrin aldehyde	ND	ug/Kg	2.1	5	
Endrin Ketone	ND	ug/Kg	4.1	5	
Heptachlor	ND	ug/Kg	1.3	5	
Heptachlor epoxide	ND	ug/Kg	2.3	5	
Lindane (Gamma-BHC)	ND	ug/Kg	2	5	
Methoxychlor	ND	ug/Kg	9.2	10	
Toxaphene	ND	ug/Kg	54	100	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202002LCS1											
4,4'-DDD	50		38		ug/Kg	76			43-172		
4,4'-DDE	50		36		ug/Kg	72			44-163		
4,4'-DDT	50		40		ug/Kg	80			40-158		
a-BHC	50		39		ug/Kg	78			45-150		
Aldrin	50		34		ug/Kg	68			46-142		
b-BHC	50		39		ug/Kg	78			42-156		
d-BHC	50		34		ug/Kg	68			37-161		
Dieldrin	50		38		ug/Kg	76			47-151		
Endosulfan I	50		36		ug/Kg	72			47-141		
Endosulfan II	50		39		ug/Kg	78			44-156		
Endosulfan sulfate	50		37		ug/Kg	74			43-157		
Endrin	50		37		ug/Kg	74			47-160		
Endrin aldehyde	50		30		ug/Kg	60			32-127		
Endrin Ketone	50		40		ug/Kg	80			48-159		
Heptachlor	50		40		ug/Kg	80			50-144		
Heptachlor epoxide	50		35		ug/Kg	70			48-145		
Lindane (Gamma-BHC)	50		40		ug/Kg	80			47-151		
Methoxychlor	50		40		ug/Kg	80			36-182		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202002MS1, QC1202002MSD1												**Source: 415126-083**
4,4'-DDD	ND	50	50	34	31	ug/Kg	68	62	9.2	43-172	20	
4,4'-DDE	15	50	50	52	51	ug/Kg	74	72	1.9	44-163	20	
4,4'-DDT	40	50	50	90	87	ug/Kg	100	94	3.4	40-158	20	
a-BHC	ND	50	50	41	38	ug/Kg	82	76	7.6	45-150	20	

QCBatchID: QC1202002 **Analyst:** trinh **Method:** EPA 8081A

Matrix: Solid **Analyzed:** 05/15/2019 **Instrument:** SVOA-GC (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202002MS1, QC1202002MSD1												**Source: 415126-083**
Aldrin	ND	50	50	38	38	ug/Kg	76	76	0.0	46-142	20	
b-BHC	ND	50	50	39	36	ug/Kg	78	72	8.0	42-156	20	
d-BHC	ND	50	50	35	33	ug/Kg	70	66	5.9	37-161	20	
Dieldrin	ND	50	50	40	38	ug/Kg	80	76	5.1	47-151	20	
Endosulfan I	ND	50	50	38	36	ug/Kg	76	72	5.4	47-141	20	
Endosulfan II	ND	50	50	37	35	ug/Kg	74	70	5.6	44-156	20	
Endosulfan sulfate	ND	50	50	38	34	ug/Kg	76	68	11.1	43-157	20	
Endrin	ND	50	50	44	42	ug/Kg	88	84	4.7	47-160	20	
Endrin aldehyde	ND	50	50	50	42	ug/Kg	100	84	17.4	32-127	20	
Endrin Ketone	ND	50	50	41	38	ug/Kg	82	76	7.6	48-159	20	
Heptachlor	ND	50	50	41	40	ug/Kg	82	80	2.5	50-144	20	
Heptachlor epoxide	7.0	50	50	45	41	ug/Kg	76	68	9.3	48-145	20	
Lindane (Gamma-BHC)	ND	50	50	41	38	ug/Kg	82	76	7.6	47-151	20	
Methoxychlor	ND	50	50	48	44	ug/Kg	96	88	8.7	36-182	20	

QCBatchID: QC1203757 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/01/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1203757MB1					
Lead	ND	mg/Kg	0.32	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203757LCS1											
Lead	100		94.1		mg/Kg	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203757MS1, QC1203757MSD1												**Source: 414852-028**
Lead	26.2	100	100	99.0	110	mg/Kg	73	84	10.5	75-125	20	M

QCBatchID: QC1203758 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/01/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1203758MB1					
Antimony	ND	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Lead	ND	mg/Kg	0.32	1	
Molybdenum	ND	mg/Kg	0.13	1	
Nickel	ND	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	ND	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	**0.41 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203758LCS1											
Antimony	100		102		mg/Kg	102			80-120		
Arsenic	100		91.1		mg/Kg	91			80-120		
Barium	100		93.7		mg/Kg	94			80-120		
Beryllium	100		99.7		mg/Kg	100			80-120		
Cadmium	100		89.0		mg/Kg	89			80-120		
Chromium	100		95.9		mg/Kg	96			80-120		
Cobalt	100		93.5		mg/Kg	94			80-120		
Copper	100		86.0		mg/Kg	86			80-120		
Lead	100		93.0		mg/Kg	93			80-120		
Molybdenum	100		102		mg/Kg	102			80-120		
Nickel	100		96.2		mg/Kg	96			80-120		
Selenium	100		83.9		mg/Kg	84			80-120		
Silver	100		99.2		mg/Kg	99			80-120		
Thallium	100		90.6		mg/Kg	91			80-120		
Vanadium	100		98.9		mg/Kg	99			80-120		
Zinc	100		108		mg/Kg	108			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203758MS1, QC1203758MSD1												**Source: 415126-047**
Antimony	1.43	100	100	30.8	26.8	mg/Kg	29	25	13.9	75-125	20	M
Arsenic	4.57	100	100	89.9	79.2	mg/Kg	85	75	12.7	75-125	20	M
Barium	152	100	100	240	231	mg/Kg	88	79	3.8	75-125	20	
Beryllium	ND	100	100	90.8	89.2	mg/Kg	91	89	1.8	75-125	20	
Cadmium	1.01	100	100	79.7	76.7	mg/Kg	79	76	3.8	75-125	20	
Chromium	22.0	100	100	112	105	mg/Kg	90	83	6.5	75-125	20	
Cobalt	12.3	100	100	92.3	88.3	mg/Kg	80	76	4.4	75-125	20	
Copper	25.2	100	100	108	104	mg/Kg	83	79	3.8	75-125	20	
Lead	15.2	100	100	104	92.5	mg/Kg	89	77	11.7	75-125	20	
Molybdenum	0.21	100	100	88.4	77.8	mg/Kg	88	78	12.8	75-125	20	

QCBatchID: QC1203758 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/01/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1203758MS1, QC1203758MSD1												**Source: 415126-047**
Nickel	14.8	100	100	101	88.3	mg/Kg	86	74	13.4	75-125	20	M
Selenium	ND	100	100	82.7	69.4	mg/Kg	83	69	17.5	75-125	20	M
Silver	ND	100	100	92.3	87.1	mg/Kg	92	87	5.8	75-125	20	
Thallium	1.96	100	100	82.9	73.8	mg/Kg	81	72	11.6	75-125	20	M
Vanadium	49.0	100	100	146	139	mg/Kg	97	90	4.9	75-125	20	
Zinc	78.9	100	100	152	155	mg/Kg	73	76	2.0	75-125	20	M

QCBatchID: QC1204287 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/17/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1204287MB1					
Antimony	**2.20 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Lead	**0.57 J**	mg/Kg	0.32	1	
Molybdenum	**0.56 J**	mg/Kg	0.13	1	
Nickel	**1.49 J**	mg/Kg	0.2	1.5	
Selenium	**1.14 J**	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	ND	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	ND	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1204287LCS1											
Antimony	200		201		mg/Kg	101			80-120		
Arsenic	200		186		mg/Kg	93			80-120		
Barium	200		184		mg/Kg	92			80-120		
Beryllium	200		195		mg/Kg	98			80-120		
Cadmium	200		178		mg/Kg	89			80-120		
Chromium	200		184		mg/Kg	92			80-120		
Cobalt	200		180		mg/Kg	90			80-120		
Copper	200		184		mg/Kg	92			80-120		
Lead	200		181		mg/Kg	91			80-120		
Molybdenum	200		192		mg/Kg	96			80-120		
Nickel	200		173		mg/Kg	87			80-120		
Selenium	200		162		mg/Kg	81			80-120		
Silver	200		177		mg/Kg	89			80-120		
Thallium	200		175		mg/Kg	88			80-120		
Vanadium	200		182		mg/Kg	91			80-120		
Zinc	200		162		mg/Kg	81			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1204287MS1, QC1204287MSD1												**Source: 417283-001**
Antimony	ND	100	100	48.8	44.9	mg/Kg	49	45	8.3	75-125	20	M
Arsenic	12.8	100	100	105	94.4	mg/Kg	92	82	10.6	75-125	20	
Barium	71.7	100	100	171	162	mg/Kg	99	90	5.4	75-125	20	
Beryllium	ND	100	100	101	96.5	mg/Kg	101	97	4.6	75-125	20	
Cadmium	0.45	100	100	90.9	87.6	mg/Kg	90	87	3.7	75-125	20	
Chromium	14.7	100	100	107	102	mg/Kg	92	87	4.8	75-125	20	
Cobalt	6.48	100	100	102	97.6	mg/Kg	96	91	4.4	75-125	20	
Copper	12.1	100	100	99.0	95.7	mg/Kg	87	84	3.4	75-125	20	
Lead	10.4	100	100	112	101	mg/Kg	102	91	10.3	75-125	20	
Molybdenum	0.65	100	100	103	93.1	mg/Kg	102	92	10.1	75-125	20	

QCBatchID: QC1204287 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 07/17/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1204287MS1, QC1204287MSD1												**Source: 417283-001**
Nickel	8.78	100	100	111	101	mg/Kg	102	92	9.4	75-125	20	
Selenium	ND	100	100	98.4	86.7	mg/Kg	98	87	12.6	75-125	20	
Silver	ND	100	100	93.1	88.5	mg/Kg	93	89	5.1	75-125	20	
Thallium	2.88	100	100	98.0	93.5	mg/Kg	95	91	4.7	75-125	20	
Vanadium	29.5	100	100	125	119	mg/Kg	96	90	4.9	75-125	20	
Zinc	34.4	100	100	120	116	mg/Kg	86	82	3.4	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 413124

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Lead (6010B)	OCPs (8081A)	Hold
1	AOCS-B22-0.5'	5/9/19	1058	SOIL	1-8oz jar	ICE	X	C	
2	AOCS-B22-1.5'		1100						X
3	AOCS-B22-2.5'		1104					C	
4	AOCS-B20-0.5'		1112					C	
5	AOCS-B20-1.5'		1114						X
6	AOCS-B20-2.5'		1116					C	
7	AOCS-B21-0.5'		1119				X		
8	AOCS-B21-1.5'		1120						X
9	AOCS-B21-2.5'		1121						X
10	AOCS-B23-0.5'	↓	1128	↓	↓	↓	X	C	

Test Instructions / Comments

X = discrete analysis's
C = composite sample

Composite Groups:

CG24-0.5'
- AOCS-B1-0.5'24
- AOCS-B2-0.5'22
- AOCS-B3-0.5'25

CG24-2.5'
- AOCS-B1-2.5'21
- AOCS-B2-2.5'23
- AOCS-B3-2.5'26

CG25-0.5'
- AOCS-B5-0.5'28
- AOCS-B7-0.5'31
- AOCS-B8-0.5'34

CG25-2.5'
- AOCS-B5-2.5' 30
- AOCS-B7-2.5' 33
- AOCS-B8-2.5' 36

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	5/9/19 1555
1 Received By:				5/9/19 1555
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

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Turn Around Time (rush by advanced notice only)

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMIT

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081)	Hold
1	AOC5-B23-1.5'	5/9/19	1132	SOIL	1-8oz jar	ICE			X
2	AOC5-B23-2.5'		1134					C	
3	AOC5-B24-0.5'		1140				X	C	
4	AOC5-B24-1.5'		1143						X
5	AOC5-B24-2.5'		1145					C	
6	AOC5-B25-0.5'		1155				X	C	
7	AOC5-B25-1.5'		1159						X
8	AOC5-B25-2.5'		1202					C	
9	AOC5-B1-0.5'		0929				X	C	
10	AOC5-B1-1.5'	↓	0932	↓	↓	↓			X

Test Instructions / Comments

Composite Groups

CG26-0.5' CG26-2.5'

-AOC5-B10-0.5' 43 -AOC5-B10-2.5' 43 42
-AOC5-B11-0.5' 43 -AOC5-B11-2.5' 40 39
-AOC5-B12-0.5' 43 -AOC5-B12-2.5' 45
-AOC5-B13-0.5' 48 -AOC5-B13-2.5' 48

CG27-0.5' CG27-2.5'

-AOC5-B14-0.5' 49 -AOC5-B14-2.5' 51
-AOC5-B15-0.5' 52 -AOC5-B15-2.5' 5
-AOC5-B16-0.5' 55 -AOC5-B16-2.5' 5
-AOC5-B18-0.5' 61 -AOC5-B18-2.5' 6

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/9/19 1555
[1] Received By:				5/9/19 1555
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Turn Around Time (rush by advanced notice only)

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Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

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Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

Test Instructions / Comments

Composite Groups

CG28-0.5' (AOCS-B20-0.5' 4, AOCS-B22-0.5' 1)

CG28-2.5' (AOCS-B20-2.5' 6, AOCS-B22-2.5' 3)

CG29-0.5' (AOCS-B23-0.5' 10, AOCS-B24-0.5' 13, AOCS-B25-0.5' 16)

CG29-2.5' (AOCS-B23-2.5' 12, AOCS-B24-2.5' 15, AOCS-B25-2.5' 18)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold
1	AOCS-B1-2.5'	5/9/19	0935	SOIL	1-8oz jar	ICE		C	
2	AOCS-B2-0.5'		0936				X	C	
3	AOCS-B2-1.5'		0940						X
4	AOCS-B2-2.5'		0943					C	
5	AOCS-B3-0.5'		0951				X	C	
6	AOCS-B3-1.5'		0953						X
7	AOCS-B3-2.5'		0956					C	
8	AOCS-B5-0.5'		1000				X	C	
9	AOCS-B5-1.5'		1003						X
10	AOCS-B5-2.5'	↓	1008	↓	↓	↓		C	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/9/19 1555
[1] Received By:		KH		5/9/19 1555
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Lead (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments
1	AOCS-B7 - 0.5'	5/9/19	1012	SOIL	1-8oz jar	ICE	X	C		
2	AOCS-B7 - 1.5'		1014						X	
3	AOCS-B7 - 2.5'		1018					C		
4	AOCS-B8 - 0.5'		1020				X	C		
5	AOCS-B8 - 1.5'		1022						X	
6	AOCS-B8 - 2.5'		1024					C		
7	AOCS-B11 - 0.5'		1030				X	C		
8	AOCS-B11 - 1.5'		1034						X	
9	AOCS-B11 - 2.5'		1036					C		
10	AOCS-B10 - 0.5'		1042				X	C		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Cristina Hill	NEM Geologist	5/9/19 1555
[1] Received By:				5/9/19 1555
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 5 of 9

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Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments
1	AOCS-B10-1.5'	5/9/19	1045	SOIL	1-8oz jar	ICE			X	
2	AOCS-B10-2.5'		1049					C		
3	AOCS-B12-0.5'		1100				X	C		
4	AOCS-B12-1.5'		1103						X	
5	AOCS-B12-2.5'		1106					C		
6	AOCS-B13-0.5'		1110				X	C		
7	AOCS-B13-1.5'		1112						X	
8	AOCS-B13-2.5'		1116					C		
9	AOCS-B14-0.5'		1202				X	C		
10	AOCS-B14-1.5'	↓	1204	↓	↓	↓			X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/9/19 1555
[1] Received By:				5/9/19 1555
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 6 of 8

Turn Around Time (rush by advanced notice only)

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Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments
1	AOCS-B14-2.5'	5/9/19	1207	SOIL	1-8oz jar	ICE		C		
2	AOCS-B15-0.5'		1214				X	C		
3	AOCS-B15-1.5'		1218						X	
4	AOCS-B15-2.5'		1221					C		
5	AOCS-B16-0.5'		1240					C		
6	AOCS-B16-0.5'		1243						X	
7	AOCS-B16-0.5'		1246					C		
8	AOCS-B17-0.5'		1251				X			
9	AOCS-B17-1.5'		1255						X	
10	AOCS-B17-2.5'	↓	1258	↓	↓	↓			X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/9/19 1555
[1] Received By:			GA	5/9/19 1555
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments
1	AOCS-B18-	5/9/19	1301	SOIL	1-8oz jar	ICE	X	C		
2	AOCS-B18-		1305						X	
3	AOCS-B18-		1308					C		
4	DUP-21		—					C		
5	DUP-22		—					C		
6	DUP-23		—					C		
7	DUP-24		—					C		
8	DUP-25		—					C		
9	DUP-26		—					C		
10	DUP-27		—				X	C		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Krishna Hill	N&M Geologist	5/9/19 1555
[1] Received By:		KH	GS	5/9/19 1555
[2] Relinquished By:				5/9/19 2
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Lead (6010B)	OCPs (8081A)	Hold	Test Instructions / Comments
1	DUP-28	5/9/19	—	SOIL	1-8oz Jar	ICE	X	C		
2	DUP-29		—		↓		X	C		
3	CG24-0.5'		—		Multiple			X		See notes for composite groupings
4	CG24-2.5'		—					X		
5	CG25-0.5'		—					X		
6	CG25-2.5'		—					X		
7	CG26-0.5'		—					X		
8	CG26-2.5'		—					X		
9	CG27-0.5'		—					X		
10	CG27-2.5'	↓	—	↓	↓	↓		X		↓

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/9/19 1555
[1] Received By:				5/9/19 1555
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

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931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC & KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: Lead (6010B)	Analysis Request: OCPs (8081A)	Test Instructions / Comments
1	CG28-0.5'	5/9/19	—	SOIL	Multiple	ICE		X	see notes for composite groupings
2	CG28-2.5'		—		Multiple			X	
3	CG29-0.5'		—		Multiple			X	
4	CG29-2.5'		—		Multiple			X	
5	COMP DUP-6		—		Multiple			X	
6	COMP DUP-7		—		Multiple			X	
7	COMP DUP-8		—		Multiple			X	
8	EB-050919A		—	H_2O	1-Amber 1-500mL		X	X	
9	EB-050919B		—	H_2O	1-Amber 1-500mL		X	X	
10									

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	5/9/19 1555
[1] Received By:				5/9/19 1555
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton PEA

Date Received: 5/9/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.5 #2: 5.9 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.3 #2: 1.2 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/9/19

Ranjit Clarke

From: Kristina Hill
Sent: Friday, May 10, 2019 9:46 AM
To: Ranjit Clarke (ranjit.clarke@enthalpy.com)
Subject: Composite Sample Analyses for Samples Submitted on 5-9-19

Ranjit,

In addition to the composite groupings listed on the COC, please analyze the following composite groups (samples submitted on 5-9-19) for OCPs by Method 8081A:

210886001 - Compton HS PEA Composite OCP Groups (AOC5)

Composite Group Name	Discrete Sample IDs	Date Discrete Sample Collected
COMP DUP-6	DAUP-21	5/9/2019
	DUP22	5/9/2019
	DUP-23	5/9/2019
	DUP-24	5/9/2019
COMP DUP-7	DUP-25	5/9/2019
	DUP-26	5/9/2019
COMP DUP-8	DUP-27	5/9/2019
	DUP-28	5/9/2019
	DUP-29	5/9/2019

Thank you,

Kristina Hill, GIT
Staff Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200 | Irvine, CA 92618
(949) 753-7070 **ext. 12227** | (949) 795-2519 (Cell)
www.ninyoandmoore.com

30 Years of Quality Service

Ranjit Clarke

From: Patrick J. Cullip
Sent: Friday, June 28, 2019 4:45 PM
To: Ranjit Clarke
Cc: Audrey Carroll; Jay Roberts
Subject: RE: Compton HS - Additional Lead Analyses

Ranjit,

Please analyze the following soil samples previously placed on hold for the Compton HS project for lead by 6010B with a 2 day TAT:

AOC1-E-B1-1.5
AOC1-E-B2-1.5
AOC1-E-B3-1.5
AOC1-E-B4-1.5
AOC1-E-B6-1.5
AOC1-E-B7-1.5
AOC1-E-B8-1.5
AOC1-E-B9-1.5
AOC1-E-B10-1.5
AOC1-E-B11-1.5
AOC1-E-B12-1.5
AOC1-E-B19-1.5
AOC1-E-B20-1.5
AOC1-E-B31-1.5
AOC1-E-B32-1.5
AOC1-E-B33-1.5
AOC1-E-B34-1.5
AOC1-E-B36-1.5
AOC1-E-B37-1.5
AOC1-E-B38-1.5
AOC1-E-B39-1.5

AOC1-W-B1-1.5
AOC1-W-B2-1.5
AOC1-W-B7-1.5
AOC1-W-B13-1.5
AOC1-W-B22-1.5
AOC1-W-B23-1.5
AOC1-W-B26-1.5
AOC1-W-B27-1.5
AOC1-W-B40-1.5
AOC1-W-B48-1.5

AOC4-B18-S1-10

AOC5-B1-1.5
AOC5-B5-1.5

AOC5-B8-1.5
AOC5-B10-1.5
AOC5-B11-1.5
AOC5-B12-1.5
AOC5-B13-1.5
AOC5-B14-1.5
AOC5-B15-1.5
AOC5-B17-1.5
AOC5-B21-1.5
AOC5-B23-1.5
AOC5-B25-1.5

Thanks,
Patrick

From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Wednesday, June 5, 2019 5:01 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Subject: Re: Compton HS - Additional Lead Analyses

Thanks for the notice.

On Wed, Jun 5, 2019 at 4:36 PM Patrick J. Cullip <pcullip@ninyoandmoore.com> wrote:

> Ranjit,
>
> Since we head several 0.5-foot soil samples collected for Compton HS that had elevated lead, we will be requesting that the deeper samples (1.5 and 2.5-foot) soil samples from the same borings will be analyzed for lead as well. I am working on an amendment to send to the client, which will need to be authorized before we can proceed. I just wanted to give you a heads up that some of the samples we placed on hold will soon be analyzed. Once we get authorization, we'll send a complete list of the samples to be analyzed.
>
> Thanks,
>
> **Patrick Cullip**
> Project Engineer
> **Ninyo & Moore**
>
> Geotechnical & Environmental Sciences Consultants
>
> 475 Goddard, Suite 200 | Irvine, CA 92618
>
> (949) 753-7070 (**x12286**) | (949) 307-4114 (Cell)
>
> **www.ninyoandmoore.com**

Ranjit Clarke

From: Patrick J. Cullip
Sent: Tuesday, July 16, 2019 8:48 AM
To: Ranjit Clarke
Cc: Jay Roberts; Kristina Hill
Subject: RE: Compton High School PEA (05/01/19) - Enthalpy Analytical Final Report #414852 - Supplemental Report 1

Ranjit,

Change the TAT to 2-day.

Thanks,
Patrick

From: Patrick J. Cullip
Sent: Tuesday, July 16, 2019 8:31 AM
To: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Cc: Jay Roberts <jroberts@ninyoandmoore.com>; Kristina Hill <khill@ninyoandmoore.com>
Subject: RE: Compton High School PEA (05/01/19) - Enthalpy Analytical Final Report #414852 - Supplemental Report 1

Ranjit,

For the Compton HS project, please analyze the following samples for lead by 6010B under normal TAT:

- AOC1-W-B13-2.5
- AOC1-W-B27-2.5
- AOC1-E-B10-2.5
- AOC1-E-B12-2.5
- AOC5-B14-2.5
- AOC5-B15-2.5
- AOC5-B21-2.5
- AOC5-B25-2.5

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Tuesday, July 2, 2019 8:31 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>; Kristina Hill <khill@ninyoandmoore.com>
Subject: Compton High School PEA (05/01/19) - Enthalpy Analytical Final Report #414852 - Supplemental Report 1

Hi Patrick Cullip,
Attached is your final report #414852. Supplemental Report 1 – Additional Lead results requested on 06/28/19 are now included.

Thank you.

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	Ninyo & Moore
Address:	475 Goddard Suite 200 Irvine, CA 92618
Attn:	Patrick Cullip

Lab Request:	415272
Report Date:	05/22/2019
Date Received:	05/14/2019
Client ID:	15461

Comments: Compton High School PEA
#210886001
601 S, Acacia Ave, Compton, CA 90220

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
415272-001	WC-1

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/14/2019 15:40	**Site:**			
Sample #:	**415272-001**	**Client Sample #:**	WC-1	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1201993		
Antimony	**1.34 J**	1	0.37	3	mg/Kg	05/15/19	05/16/19	KLN	B1,J
Arsenic	**2.26**	1	0.36	1	mg/Kg	05/15/19	05/16/19	KLN	
Barium	**122**	1	0.23	1	mg/Kg	05/15/19	05/16/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg	05/15/19	05/16/19	KLN	
Cadmium	**0.82**	1	0.21	0.5	mg/Kg	05/15/19	05/16/19	KLN	
Chromium	**17.2**	1	0.13	1	mg/Kg	05/15/19	05/16/19	KLN	
Cobalt	**10.2**	1	0.19	0.5	mg/Kg	05/15/19	05/16/19	KLN	
Copper	**21.5**	1	0.31	1	mg/Kg	05/15/19	05/16/19	KLN	
Lead	**22.1**	1	0.32	1	mg/Kg	05/15/19	05/16/19	KLN	
Molybdenum	**0.36 J**	1	0.13	1	mg/Kg	05/15/19	05/16/19	KLN	B1,J
Nickel	**13.0**	1	0.2	1.5	mg/Kg	05/15/19	05/16/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg	05/15/19	05/16/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg	05/15/19	05/16/19	KLN	
Thallium	**2.86 J**	1	0.42	3	mg/Kg	05/15/19	05/16/19	KLN	B1,J
Vanadium	**33.6**	1	0.37	0.5	mg/Kg	05/15/19	05/16/19	KLN	
Zinc	**88.1**	1	0.28	5	mg/Kg	05/15/19	05/16/19	KLN	
Method: EPA 7471A *NELAC* Prep Method: EPA 7471A							QCBatchID: QC1202075		
Mercury	**0.05 J**	1	0.039	0.14	mg/Kg	05/16/19	05/16/19	JP	J
Method: EPA 8015B *NELAC* Prep Method: EPA 3545							QCBatchID: QC1202059		
TPH Diesel	**2.55 J**	1	0.022	3	mg/Kg	05/15/19	05/16/19	TW	B
TPH Motor Oil	**5.16**	1	2.1	5	mg/Kg	05/15/19	05/16/19	TW	

Surrogate	*% Recovery*	*Limits*	*Notes*
Triacontane (SUR)	*73*	*50-150*	

Method: EPA 8015B *NELAC* Prep Method: EPA 5030							QCBatchID: QC1202031		
TPH Gasoline	ND	1	0.239	3	mg/Kg		05/15/19	EW	

Surrogate	*% Recovery*	*Limits*	*Notes*
4-Bromofluorobenzene (SUR)	*85*	*60-140*	

Method: EPA 8260B *NELAC* Prep Method: EPA 5030							QCBatchID: QC1201965		
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		05/14/19	LZ	
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		05/14/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		05/14/19	LZ	
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		05/14/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		05/14/19	LZ	
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		05/14/19	LZ	
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		05/14/19	LZ	
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		05/14/19	LZ	
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		05/14/19	LZ	
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		05/14/19	LZ	
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		05/14/19	LZ	
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/Kg		05/14/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		05/14/19	LZ	
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		05/14/19	LZ	
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		05/14/19	LZ	
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		05/14/19	LZ	
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		05/14/19	LZ	
1,3,5-Trimethylbenzene	ND	1	0.23	5	ug/Kg		05/14/19	LZ	
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		05/14/19	LZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		05/14/19	LZ	
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		05/14/19	LZ	
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		05/14/19	LZ	
2-Butanone (MEK)	ND	1	0.72	100	ug/Kg		05/14/19	LZ	
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		05/14/19	LZ	

Matrix:	Solid	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	05/14/2019 15:40	**Site:**			
Sample #:	**415272-001**	**Client Sample #:**	WC-1	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		05/14/19	LZ	
4-Isopropyltoluene	ND	1	0.27	5	ug/Kg		05/14/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		05/14/19	LZ	
Acetone	ND	1	50	100	ug/Kg		05/14/19	LZ	
Allyl Chloride	ND	1	0.14	5	ug/Kg		05/14/19	LZ	
Benzene	ND	1	0.18	5	ug/Kg		05/14/19	LZ	
Bromobenzene	ND	1	0.3	5	ug/Kg		05/14/19	LZ	
Bromochloromethane	ND	1	0.18	5	ug/Kg		05/14/19	LZ	
Bromodichloromethane	ND	1	0.2	5	ug/Kg		05/14/19	LZ	
Bromoform	ND	1	0.19	5	ug/Kg		05/14/19	LZ	
Bromomethane	ND	1	0.22	5	ug/Kg		05/14/19	LZ	
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		05/14/19	LZ	
Chlorobenzene	ND	1	0.18	5	ug/Kg		05/14/19	LZ	
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		05/14/19	LZ	
Chloroethane	ND	1	0.2	5	ug/Kg		05/14/19	LZ	
Chloroform	ND	1	0.17	5	ug/Kg		05/14/19	LZ	
Chloromethane	ND	1	0.21	5	ug/Kg		05/14/19	LZ	
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		05/14/19	LZ	
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		05/14/19	LZ	
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		05/14/19	LZ	
Dibromomethane	ND	1	0.23	5	ug/Kg		05/14/19	LZ	
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		05/14/19	LZ	
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		05/14/19	LZ	
Ethylbenzene	ND	1	0.25	5	ug/Kg		05/14/19	LZ	
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		05/14/19	LZ	
Hexachlorobutadiene	ND	1	0.38	5	ug/Kg		05/14/19	LZ	
Isopropylbenzene	ND	1	0.17	5	ug/Kg		05/14/19	LZ	
m and p-Xylene	ND	1	0.21	5	ug/Kg		05/14/19	LZ	
Methylene chloride	ND	1	0.22	5	ug/Kg		05/14/19	LZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.25	5	ug/Kg		05/14/19	LZ	
Naphthalene	ND	1	0.28	5	ug/Kg		05/14/19	LZ	
N-butylbenzene	ND	1	0.16	5	ug/Kg		05/14/19	LZ	
N-propylbenzene	ND	1	0.19	5	ug/Kg		05/14/19	LZ	
o-Xylene	**0.23 J**	1	0.13	5	ug/Kg		05/14/19	LZ	J
Sec-butylbenzene	ND	1	0.34	5	ug/Kg		05/14/19	LZ	
Styrene	ND	1	0.23	5	ug/Kg		05/14/19	LZ	
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		05/14/19	LZ	
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		05/14/19	LZ	
Tert-butylbenzene	ND	1	0.18	5	ug/Kg		05/14/19	LZ	
Tetrachloroethene	ND	1	0.2	5	ug/Kg		05/14/19	LZ	
Toluene	ND	1	0.23	5	ug/Kg		05/14/19	LZ	
trans-1,2-dichloroethene	ND	1	0.23	5	ug/Kg		05/14/19	LZ	
trans-1,3-dichloropropene	ND	1	0.14	5	ug/Kg		05/14/19	LZ	
trans-1,4-dichloro-2-butene	ND	1	0.38	5	ug/Kg		05/14/19	LZ	
Trichloroethene	ND	1	0.39	5	ug/Kg		05/14/19	LZ	
Trichlorofluoromethane	ND	1	0.25	5	ug/Kg		05/14/19	LZ	
Vinyl Chloride	ND	1	0.18	5	ug/Kg		05/14/19	LZ	
Xylenes (Total)	ND	1	0.45	5	ug/Kg		05/14/19	LZ	

Surrogate	*% Recovery*	*Limits*	*Notes*
1,2-Dichloroethane-d4 (SUR)	*113*	*70-145*	
4-Bromofluorobenzene (SUR)	*98*	*70-145*	
Dibromofluoromethane (SUR)	*106*	*70-145*	
Toluene-d8 (SUR)	*99*	*70-145*	

QCBatchID: QC1201965	**Analyst:** lucy	**Method:** EPA 8260B	
Matrix: Solid	**Analyzed:** 05/14/2019	**Instrument:** VOA-MS (group)	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201965MB1					
1,1,1,2-Tetrachloroethane	ND	ug/Kg	0.24	5	
1,1,1-Trichloroethane	ND	ug/Kg	0.15	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	0.29	5	
1,1,2-Trichloroethane	ND	ug/Kg	0.22	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	0.74	5	
1,1-Dichloroethane	ND	ug/Kg	0.23	5	
1,1-Dichloroethene	ND	ug/Kg	0.18	5	
1,1-Dichloropropene	ND	ug/Kg	0.21	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	0.18	5	
1,2,3-Trichloropropane	ND	ug/Kg	0.2	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	0.33	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	0.28	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	0.2	5	
1,2-Dibromoethane	ND	ug/Kg	0.12	5	
1,2-Dichlorobenzene	ND	ug/Kg	0.18	5	
1,2-Dichloroethane	ND	ug/Kg	0.14	5	
1,2-Dichloropropane	ND	ug/Kg	0.34	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	0.23	5	
1,3-Dichlorobenzene	ND	ug/Kg	0.21	5	
1,3-Dichloropropane	ND	ug/Kg	0.19	5	
1,4-Dichlorobenzene	ND	ug/Kg	0.24	5	
2,2-Dichloropropane	ND	ug/Kg	0.19	5	
2-Butanone (MEK)	ND	ug/Kg	0.72	100	
2-Chlorotoluene	ND	ug/Kg	0.25	5	
4-Chlorotoluene	ND	ug/Kg	0.22	5	
4-Isopropyltoluene	ND	ug/Kg	0.27	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	0.17	5	
Acetone	ND	ug/Kg	50	100	
Allyl Chloride	ND	ug/Kg	0.14	5	
Benzene	ND	ug/Kg	0.18	5	
Bromobenzene	ND	ug/Kg	0.3	5	
Bromochloromethane	ND	ug/Kg	0.18	5	
Bromodichloromethane	ND	ug/Kg	0.2	5	
Bromoform	ND	ug/Kg	0.19	5	
Bromomethane	ND	ug/Kg	0.22	5	
Carbon Tetrachloride	ND	ug/Kg	0.18	5	
Chlorobenzene	ND	ug/Kg	0.18	5	
Chlorodibromomethane	ND	ug/Kg	0.19	5	
Chloroethane	ND	ug/Kg	0.2	5	
Chloroform	ND	ug/Kg	0.17	5	
Chloromethane	ND	ug/Kg	0.21	5	
cis-1,2-Dichloroethene	ND	ug/Kg	0.2	5	
cis-1,3-dichloropropene	ND	ug/Kg	0.2	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	0.2	5	
Dibromomethane	ND	ug/Kg	0.23	5	
Dichlorodifluoromethane	ND	ug/Kg	0.23	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	0.21	5	
Ethylbenzene	ND	ug/Kg	0.25	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	0.42	5	
Hexachlorobutadiene	ND	ug/Kg	0.38	5	
Isopropylbenzene	ND	ug/Kg	0.17	5	
m and p-Xylene	ND	ug/Kg	0.21	5	

QCBatchID: QC1201965 **Analyst:** lucy **Method:** EPA 8260B

Matrix: Solid **Analyzed:** 05/14/2019 **Instrument:** VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201965MB1					
Methylene chloride	ND	ug/Kg	0.22	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	0.25	5	
Naphthalene	ND	ug/Kg	0.28	5	
N-butylbenzene	ND	ug/Kg	0.16	5	
N-propylbenzene	ND	ug/Kg	0.19	5	
o-Xylene	ND	ug/Kg	0.13	5	
Sec-butylbenzene	ND	ug/Kg	0.34	5	
Styrene	ND	ug/Kg	0.23	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	8.8	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	0.19	5	
Tert-butylbenzene	ND	ug/Kg	0.18	5	
Tetrachloroethene	ND	ug/Kg	0.2	5	
Toluene	ND	ug/Kg	0.23	5	
trans-1,2-dichloroethene	ND	ug/Kg	0.23	5	
trans-1,3-dichloropropene	ND	ug/Kg	0.14	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	0.38	5	
Trichloroethene	ND	ug/Kg	0.39	5	
Trichlorofluoromethane	ND	ug/Kg	0.25	5	
Vinyl Chloride	ND	ug/Kg	0.18	5	
Xylenes (Total)	ND	ug/Kg	0.45	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201965LCS1											
1,1-Dichloroethene	50		39		ug/Kg	78			59-172		
Benzene	50		44		ug/Kg	88			62-137		
Chlorobenzene	50		42		ug/Kg	84			60-133		
Methyl-t-butyl Ether (MTBE)	50		37		ug/Kg	74			62-137		
Toluene	50		42		ug/Kg	84			59-139		
Trichloroethene	50		46		ug/Kg	92			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201965MS1, QC1201965MSD1												**Source: 415059-004**
1,1-Dichloroethene	ND	50	50	41	37	ug/Kg	82	74	10.3	59-172	22	
Benzene	ND	50	50	42	40	ug/Kg	84	80	4.9	62-137	24	
Chlorobenzene	ND	50	50	42	40	ug/Kg	84	80	4.9	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	41	37	ug/Kg	82	74	10.3	62-137	21	
Toluene	ND	50	50	41	39	ug/Kg	82	78	5.0	59-139	21	
Trichloroethene	ND	50	50	45	43	ug/Kg	90	86	4.5	66-142	21	

QCBatchID: QC1201993 **Analyst:** dswafford **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 05/15/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1201993MB1					
Antimony	**0.42 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	**0.57 J**	mg/Kg	0.31	1	
Lead	ND	mg/Kg	0.32	1	
Molybdenum	**0.64 J**	mg/Kg	0.13	1	
Nickel	ND	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	**1.81 J**	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	**1.94 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201993LCS1											
Antimony	100		109		mg/Kg	109			80-120		
Arsenic	100		92.2		mg/Kg	92			80-120		
Barium	100		98.0		mg/Kg	98			80-120		
Beryllium	100		96.9		mg/Kg	97			80-120		
Cadmium	100		95.7		mg/Kg	96			80-120		
Chromium	100		92.3		mg/Kg	92			80-120		
Cobalt	100		98.1		mg/Kg	98			80-120		
Copper	100		96.9		mg/Kg	97			80-120		
Lead	100		103		mg/Kg	103			80-120		
Molybdenum	100		101		mg/Kg	101			80-120		
Nickel	100		102		mg/Kg	102			80-120		
Selenium	100		90.2		mg/Kg	90			80-120		
Silver	100		98.5		mg/Kg	99			80-120		
Thallium	100		93.4		mg/Kg	93			80-120		
Vanadium	100		98.0		mg/Kg	98			80-120		
Zinc	100		93.9		mg/Kg	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201993MS1, QC1201993MSD1												**Source: 415272-001**
Antimony	1.34	100	100	33.3	37.0	mg/Kg	32	36	10.5	75-125	20	M
Arsenic	2.26	100	100	97.6	98.1	mg/Kg	95	96	0.5	75-125	20	
Barium	122	100	100	243	251	mg/Kg	121	129	3.2	75-125	20	M
Beryllium	ND	100	100	99.4	99.3	mg/Kg	99	99	0.1	75-125	20	
Cadmium	0.82	100	100	96.4	99.2	mg/Kg	96	98	2.9	75-125	20	
Chromium	17.2	100	100	112	117	mg/Kg	95	100	4.4	75-125	20	
Cobalt	10.2	100	100	105	108	mg/Kg	95	98	2.8	75-125	20	
Copper	21.5	100	100	122	129	mg/Kg	101	108	5.6	75-125	20	
Lead	22.1	100	100	112	130	mg/Kg	90	108	14.9	75-125	20	
Molybdenum	0.36	100	100	92.0	104	mg/Kg	92	104	12.2	75-125	20	

QCBatchID: QC1201993	**Analyst:** dswafford	**Method:** EPA 6010B			
Matrix: Solid	**Analyzed:** 05/15/2019	**Instrument:** AAICP (group)			

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1201993MS1, QC1201993MSD1												**Source: 415272-001**
Nickel	13.0	100	100	105	117	mg/Kg	92	104	10.8	75-125	20	
Selenium	ND	100	100	87.4	98.2	mg/Kg	87	98	11.6	75-125	20	
Silver	ND	100	100	98.5	103	mg/Kg	99	103	4.5	75-125	20	
Thallium	2.86	100	100	85.7	98.5	mg/Kg	83	96	13.9	75-125	20	
Vanadium	33.6	100	100	144	150	mg/Kg	110	116	4.1	75-125	20	
Zinc	88.1	100	100	180	190	mg/Kg	92	102	5.4	75-125	20	

QCBatchID:	**QC1202031**	**Analyst:**	sandyw	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/15/2019	**Instrument:**	VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202031MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1202031LCS1, QC1202031LCSD1											
TPH Gasoline	5	5	5.7	5.7	mg/Kg	114	114	0	70-130	20	

QCBatchID:	**QC1202059**	**Analyst:**	bmorris	**Method:**	EPA 8015B
Matrix:	Solid	**Analyzed:**	05/15/2019	**Instrument:**	SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202059MB1					
TPH Diesel	**1.44**	mg/Kg	0.022	1	
TPH Motor Oil	ND	mg/Kg	2.1	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202059LCS1											
TPH Diesel	25		16.3		mg/Kg	65			52-122		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1202059MS1, QC1202059MSD1												**Source: 415264-001**
TPH Diesel	174	25	25	248	184	mg/Kg	296	40	29.6	70-130	20	NC

QCBatchID:	**QC1202075**	**Analyst:**	JParedes	**Method:**	EPA 7471A
Matrix:	Solid	**Analyzed:**	05/16/2019	**Instrument:**	AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1202075MB1					
Mercury	ND	mg/Kg	0.039	0.14	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1202075LCS1											
Mercury	0.83		0.89		mg/Kg	107			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1202075MS1, QC1202075MSD1												**Source: 415272-001**
Mercury	0.05	0.83	0.83	0.96	0.95	mg/Kg	110	108	1.0	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 418272

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886001
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 S. Acacia Ave
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	AUC

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPHs (8015M)	VOCs (8260B)	T22 (601B/7471A)	Test Instructions / Comments
1	WC-1	5-14-19	15:40	SOIL	1-8oz jar	ICE	X	X	X	
2										
3										
4										
5										
6										
7										
8										
9										
10										

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	Ninyo and Moore	5-14-19 / 1808
[1] Received By:		G Kim	CN	5/14/19 1808
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				

3/10.0

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton High School PEA

Date Received: 5/14/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.1 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 5/14/19

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip

Lab Request: 418957
Report Date: 12/03/2019
Date Received: 09/03/2019
Client ID: 15461

Comments: Compton High School
#210886002
601 South Acacia Avenue, Compton, CA 90220

Supplemental Report 1 - Additional analyses requested on 11/21/19 are now reported.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
418957-001	AOC1-E-B8W-0.5'	418957-025	AOC1-E-B10S-0.5'	418957-049	AOC1-E-B19W-0.5'
418957-002	AOC1-E-B8W-1.5'	418957-026	AOC1-E-B10S-1.5'	418957-050	AOC1-E-B19W-1.5'
418957-003	AOC1-E-B8W-2.5'	418957-027	AOC1-E-B10S-2.5'	418957-051	AOC1-E-B19W-2.5'
418957-004	AOC1-E-B8E-0.5'	418957-028	AOC1-E-B11W-0.5'	418957-052	AOC1-E-B19E-0.5'
418957-005	AOC1-E-B8E-1.5'	418957-029	AOC1-E-B11W-1.5'	418957-053	AOC1-E-B19E-1.5'
418957-006	AOC1-E-B8E-2.5'	418957-030	AOC1-E-B11W-2.5'	418957-054	AOC1-E-B19E-2.5'
418957-007	AOC1-E-B8N-0.5'	418957-031	AOC1-E-B11S-0.5'	418957-055	AOC1-E-B19S-0.5'
418957-008	AOC1-E-B8N-1.5'	418957-032	AOC1-E-B11S-1.5'	418957-056	AOC1-E-B19S-1.5'
418957-009	AOC1-E-B8N-2.5'	418957-033	AOC1-E-B11S-2.5'	418957-057	AOC1-E-B19S-2.5'
418957-010	AOC1-E-B9W-0.5'	418957-034	AOC1-E-B11E-0.5'	418957-058	AOC1-E-B31N-0.5'
418957-011	AOC1-E-B9W-1.5'	418957-035	AOC1-E-B11E-1.5'	418957-059	AOC1-E-B31N-1.5'
418957-012	AOC1-E-B9W-2.5'	418957-036	AOC1-E-B11E-2.5'	418957-060	AOC1-E-B31N-2.5'
418957-013	AOC1-E-B9N-0.5'	418957-037	AOC1-E-B12W-0.5'	418957-061	AOC1-E-B31W-0.5'
418957-014	AOC1-E-B9N-1.5'	418957-038	AOC1-E-B12W-1.5'	418957-062	AOC1-E-B31W-1.5'
418957-015	AOC1-E-B9N-2.5'	418957-039	AOC1-E-B12W-2.5'	418957-063	AOC1-E-B31W-2.5'
418957-016	AOC1-E-B9E-0.5'	418957-040	AOC1-E-B12S-0.5'	418957-064	AOC1-E-B31E-0.5'
418957-017	AOC1-E-B9E-1.5'	418957-041	AOC1-E-B12S-1.5'	418957-065	AOC1-E-B31E-1.5'
418957-018	AOC1-E-B9E-2.5'	418957-042	AOC1-E-B12S-2.5'	418957-066	AOC1-E-B31E-2.5'
418957-019	AOC1-E-B10N-0.5'	418957-043	AOC1-E-B12E-0.5'	418957-067	AOC1-E-B32N-0.5'
418957-020	AOC1-E-B10N-1.5'	418957-044	AOC1-E-B12E-1.5'	418957-068	AOC1-E-B32N-1.5'
418957-021	AOC1-E-B10N-2.5'	418957-045	AOC1-E-B12E-2.5'	418957-069	AOC1-E-B32N-2.5'
418957-022	AOC1-E-B10W-0.5'	418957-046	AOC1-E-B19N-0.5'	418957-070	AOC1-E-B32E-0.5'
418957-023	AOC1-E-B10W-1.5'	418957-047	AOC1-E-B19N-1.5'	418957-071	AOC1-E-B32E-1.5'
418957-024	AOC1-E-B10W-2.5'	418957-048	AOC1-E-B19N-2.5'	418957-072	AOC1-E-B32E-2.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:50 **Site:**
Sample #: 418957-001 **Client Sample #:** AOC1-E-B8W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**343**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:53 **Site:**
Sample #: 418957-002 **Client Sample #:** AOC1-E-B8W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**7.32**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:55 **Site:**
Sample #: 418957-003 **Client Sample #:** AOC1-E-B8W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:43 **Site:**
Sample #: 418957-004 **Client Sample #:** AOC1-E-B8E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**280**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:44 **Site:**
Sample #: 418957-005 **Client Sample #:** AOC1-E-B8E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**4.91**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:47 **Site:**
Sample #: 418957-006 **Client Sample #:** AOC1-E-B8E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 14:00 **Site:**
Sample #: 418957-007 **Client Sample #:** AOC1-E-B8N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**323**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 14:02 **Site:**
Sample #: 418957-008 **Client Sample #:** AOC1-E-B8N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**7.53**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 14:04 **Site:**
Sample #: 418957-009 **Client Sample #:** AOC1-E-B8N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:13 **Site:**
Sample #: 418957-010 **Client Sample #:** AOC1-E-B9W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**168**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:15 **Site:**
Sample #: 418957-011 **Client Sample #:** AOC1-E-B9W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**3.00**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:16 **Site:**
Sample #: 418957-012 **Client Sample #:** AOC1-E-B9W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:19 **Site:**
Sample #: 418957-013 **Client Sample #:** AOC1-E-B9N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**178**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:21 **Site:**
Sample #: 418957-014 **Client Sample #:** AOC1-E-B9N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**5.30**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:23 **Site:**
Sample #: 418957-015 **Client Sample #:** AOC1-E-B9N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:27 **Site:**
Sample #: 418957-016 **Client Sample #:** AOC1-E-B9E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**600**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:30 **Site:**
Sample #: 418957-017 **Client Sample #:** AOC1-E-B9E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**2.67**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:32 **Site:**
Sample #: 418957-018 **Client Sample #:** AOC1-E-B9E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:41 **Site:**
Sample #: 418957-019 **Client Sample #:** AOC1-E-B10N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**222**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:43 **Site:**
Sample #: 418957-020 **Client Sample #:** AOC1-E-B10N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**2.29**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:45 **Site:**
Sample #: 418957-021 **Client Sample #:** AOC1-E-B10N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:48 **Site:**
Sample #: 418957-022 **Client Sample #:** AOC1-E-B10W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**90.8**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:51 **Site:**
Sample #: 418957-023 **Client Sample #:** AOC1-E-B10W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**1.08**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:53 **Site:**
Sample #: 418957-024 **Client Sample #:** AOC1-E-B10W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:56 **Site:**
Sample #: 418957-025 **Client Sample #:** AOC1-E-B10S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**112**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:58 **Site:**
Sample #: 418957-026 **Client Sample #:** AOC1-E-B10S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**1.06**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:01 **Site:**
Sample #: 418957-027 **Client Sample #:** AOC1-E-B10S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:56 **Site:**
Sample #: 418957-028 **Client Sample #:** AOC1-E-B11W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**295**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:59 **Site:**
Sample #: 418957-029 **Client Sample #:** AOC1-E-B11W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**0.89 J**	1	0.84	1	mg/Kg		12/02/19	KLN	J

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:00 **Site:**
Sample #: 418957-030 **Client Sample #:** AOC1-E-B11W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:03 **Site:**
Sample #: 418957-031 **Client Sample #:** AOC1-E-B11S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**127**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:07 **Site:**
Sample #: 418957-032 **Client Sample #:** AOC1-E-B11S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**1.26**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:09 **Site:**
Sample #: 418957-033 **Client Sample #:** AOC1-E-B11S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:14 **Site:**
Sample #: 418957-034 **Client Sample #:** AOC1-E-B11E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**136**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:16 **Site:**
Sample #: 418957-035 **Client Sample #:** AOC1-E-B11E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**1.75**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:18 **Site:**
Sample #: 418957-036 **Client Sample #:** AOC1-E-B11E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:28 **Site:**
Sample #: 418957-037 **Client Sample #:** AOC1-E-B12W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**129**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:33 **Site:**
Sample #: 418957-038 **Client Sample #:** AOC1-E-B12W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**37.4**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:34 **Site:**
Sample #: 418957-039 **Client Sample #:** AOC1-E-B12W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:39 **Site:**
Sample #: 418957-040 **Client Sample #:** AOC1-E-B12S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**165**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:46 **Site:**
Sample #: 418957-041 **Client Sample #:** AOC1-E-B12S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**17.4**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:48 **Site:**
Sample #: 418957-042 **Client Sample #:** AOC1-E-B12S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:52 **Site:**
Sample #: 418957-043 **Client Sample #:** AOC1-E-B12E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**437**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:55 **Site:**
Sample #: 418957-044 **Client Sample #:** AOC1-E-B12E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**24.8**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:57 **Site:**
Sample #: 418957-045 **Client Sample #:** AOC1-E-B12E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:55 **Site:**
Sample #: 418957-046 **Client Sample #:** AOC1-E-B19N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**27.5**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:00 **Site:**
Sample #: 418957-047 **Client Sample #:** AOC1-E-B19N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:02 **Site:**
Sample #: 418957-048 **Client Sample #:** AOC1-E-B19N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:06 **Site:**
Sample #: **418957-049** **Client Sample #:** AOC1-E-B19W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**16.4**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:09 **Site:**
Sample #: **418957-050** **Client Sample #:** AOC1-E-B19W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:12 **Site:**
Sample #: **418957-051** **Client Sample #:** AOC1-E-B19W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:18 **Site:**
Sample #: **418957-052** **Client Sample #:** AOC1-E-B19E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**23.0**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:20 **Site:**
Sample #: **418957-053** **Client Sample #:** AOC1-E-B19E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:22 **Site:**
Sample #: **418957-054** **Client Sample #:** AOC1-E-B19E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:27 **Site:**
Sample #: **418957-055** **Client Sample #:** AOC1-E-B19S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206226		
Lead	**69.8**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:32 **Site:**
Sample #: **418957-056** **Client Sample #:** AOC1-E-B19S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:39 **Site:**
Sample #: 418957-057 **Client Sample #:** AOC1-E-B19S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 14:00 **Site:**
Sample #: 418957-058 **Client Sample #:** AOC1-E-B31N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**28.4**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 14:02 **Site:**
Sample #: 418957-059 **Client Sample #:** AOC1-E-B31N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 14:04 **Site:**
Sample #: 418957-060 **Client Sample #:** AOC1-E-B31N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:51 **Site:**
Sample #: 418957-061 **Client Sample #:** AOC1-E-B31W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**62.9**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:53 **Site:**
Sample #: 418957-062 **Client Sample #:** AOC1-E-B31W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:55 **Site:**
Sample #: 418957-063 **Client Sample #:** AOC1-E-B31W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:44 **Site:**
Sample #: 418957-064 **Client Sample #:** AOC1-E-B31E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**84.4**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:46 **Site:**
Sample #: **418957-065** **Client Sample #:** AOC1-E-B31E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**4.64**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 13:48 **Site:**
Sample #: **418957-066** **Client Sample #:** AOC1-E-B31E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 12:00 **Site:**
Sample #: **418957-067** **Client Sample #:** AOC1-E-B32N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**36.6**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 12:02 **Site:**
Sample #: **418957-068** **Client Sample #:** AOC1-E-B32N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 12:04 **Site:**
Sample #: **418957-069** **Client Sample #:** AOC1-E-B32N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:48 **Site:**
Sample #: **418957-070** **Client Sample #:** AOC1-E-B32E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**55.8**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:52 **Site:**
Sample #: **418957-071** **Client Sample #:** AOC1-E-B32E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:55 **Site:**
Sample #: **418957-072** **Client Sample #:** AOC1-E-B32E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:37 **Site:**
Sample #: **418957-073** **Client Sample #:** AOC1-E-B32W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1206228		
Lead	**153**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:39 **Site:**
Sample #: **418957-074** **Client Sample #:** AOC1-E-B32W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1209324		
Lead	ND	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:41 **Site:**
Sample #: **418957-075** **Client Sample #:** AOC1-E-B32W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:27 **Site:**
Sample #: **418957-076** **Client Sample #:** AOC1-E-B33N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1206228		
Lead	**71.2**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:29 **Site:**
Sample #: **418957-077** **Client Sample #:** AOC1-E-B33N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:30 **Site:**
Sample #: **418957-078** **Client Sample #:** AOC1-E-B33N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:16 **Site:**
Sample #: **418957-079** **Client Sample #:** AOC1-E-B33E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1206228		
Lead	**156**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:18 **Site:**
Sample #: **418957-080** **Client Sample #:** AOC1-E-B33E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1209324		
Lead	**12.0**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:20 **Site:**
Sample #: 418957-081 **Client Sample #:** AOC1-E-B33E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:08 **Site:**
Sample #: 418957-082 **Client Sample #:** AOC1-E-B33S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**177**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:10 **Site:**
Sample #: 418957-083 **Client Sample #:** AOC1-E-B33S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**3.70**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:12 **Site:**
Sample #: 418957-084 **Client Sample #:** AOC1-E-B33S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:59 **Site:**
Sample #: 418957-085 **Client Sample #:** AOC1-E-B34N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**136**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:03 **Site:**
Sample #: 418957-086 **Client Sample #:** AOC1-E-B34N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209324		
Lead	**5.96**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 11:05 **Site:**
Sample #: 418957-087 **Client Sample #:** AOC1-E-B34N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:50 **Site:**
Sample #: 418957-088 **Client Sample #:** AOC1-E-B34E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**76.3**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:52 **Site:**
Sample #: 418957-089 **Client Sample #:** AOC1-E-B34E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 10:54 **Site:**
Sample #: 418957-090 **Client Sample #:** AOC1-E-B34E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:44 **Site:**
Sample #: 418957-091 **Client Sample #:** AOC1-E-B34S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1206228
Lead	**8.72**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:48 **Site:**
Sample #: 418957-092 **Client Sample #:** AOC1-E-B34S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:50 **Site:**
Sample #: 418957-093 **Client Sample #:** AOC1-E-B34S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:31 **Site:**
Sample #: 418957-094 **Client Sample #:** AOC1-E-B36W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1206228
Lead	**21.2**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:34 **Site:**
Sample #: 418957-095 **Client Sample #:** AOC1-E-B36W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:36 **Site:**
Sample #: 418957-096 **Client Sample #:** AOC1-E-B36W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:10 **Site:**
Sample #: 418957-097 **Client Sample #:** AOC1-E-B36S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**34.2**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:13 **Site:**
Sample #: 418957-098 **Client Sample #:** AOC1-E-B36S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 09:20 **Site:**
Sample #: 418957-099 **Client Sample #:** AOC1-E-B36S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:50 **Site:**
Sample #: 418957-100 **Client Sample #:** AOC1-E-B36E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**50.4**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:54 **Site:**
Sample #: 418957-101 **Client Sample #:** AOC1-E-B36E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 08:57 **Site:**
Sample #: 418957-102 **Client Sample #:** AOC1-E-B36E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 **Site:**
Sample #: 418957-103 **Client Sample #:** DUP-30 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**128**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/03/2019 **Site:**
Sample #: 418957-104 **Client Sample #:** DUP-31 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206228		
Lead	**87.0**	1	0.84	1	mg/Kg		09/06/19	SBW	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	09/03/2019	**Site:**			
Sample #:	**418957-105**	**Client Sample #:**	EB-090319A	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3010A						QCBatchID: QC1206381		
Lead	ND	1	0.005	0.01	mg/L		09/09/19	SBW	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	09/03/2019	**Site:**			
Sample #:	**418957-106**	**Client Sample #:**	EB-090319B	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3010A						QCBatchID: QC1206381		
Lead	ND	1	0.005	0.01	mg/L		09/09/19	SBW	

QCBatchID: QC1206226 **Analyst:** kedy **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 09/04/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result		Units	MDL	RDL	Notes
QC1206226MB1						
Antimony	ND		mg/Kg	0.37	3	
Arsenic	ND		mg/Kg	0.36	1	
Barium	ND		mg/Kg	0.23	1	
Beryllium	ND		mg/Kg	0.17	0.5	
Cadmium	ND		mg/Kg	0.21	0.5	
Chromium	ND		mg/Kg	0.13	1	
Cobalt	ND		mg/Kg	0.19	0.5	
Copper	**0.75**	**J**	mg/Kg	0.31	1	
Lead	ND		mg/Kg	0.32	1	
Molybdenum	**0.17**	**J**	mg/Kg	0.13	1	
Nickel	ND		mg/Kg	0.2	1.5	
Selenium	ND		mg/Kg	0.72	3	
Silver	ND		mg/Kg	0.13	0.5	
Thallium	**0.67**	**J**	mg/Kg	0.42	3	
Vanadium	ND		mg/Kg	0.37	0.5	
Zinc	ND		mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206226LCS1											
Antimony	100		99.9		mg/Kg	100			80-120		
Arsenic	100		92.0		mg/Kg	92			80-120		
Barium	100		89.6		mg/Kg	90			80-120		
Beryllium	100		90.8		mg/Kg	91			80-120		
Cadmium	100		94.9		mg/Kg	95			80-120		
Chromium	100		99.8		mg/Kg	100			80-120		
Cobalt	100		98.3		mg/Kg	98			80-120		
Copper	100		89.7		mg/Kg	90			80-120		
Lead	100		97.5		mg/Kg	98			80-120		
Molybdenum	100		94.9		mg/Kg	95			80-120		
Nickel	100		94.4		mg/Kg	94			80-120		
Selenium	100		89.8		mg/Kg	90			80-120		
Silver	100		86.5		mg/Kg	87			80-120		
Thallium	100		92.1		mg/Kg	92			80-120		
Vanadium	100		96.0		mg/Kg	96			80-120		
Zinc	100		85.0		mg/Kg	85			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206226MS1, QC1206226MSD1												**Source: 418924-005**
Antimony	0.95	100	100	40.6	38.6	mg/Kg	40	38	5.1	75-125	20	M
Arsenic	10.7	100	100	109	107	mg/Kg	98	96	1.9	75-125	20	
Barium	740	100	100	830	875	mg/Kg	90	135	5.3	75-125	20	NC
Beryllium	ND	100	100	88.5	94.1	mg/Kg	89	94	6.1	75-125	20	
Cadmium	7.20	100	100	99.5	97.3	mg/Kg	92	90	2.2	75-125	20	
Chromium	132	100	100	241	223	mg/Kg	109	91	7.8	75-125	20	
Cobalt	7.50	100	100	100	98.5	mg/Kg	93	91	1.5	75-125	20	
Copper	66.1	100	100	168	170	mg/Kg	102	104	1.2	75-125	20	
Lead	9.63	100	100	105	108	mg/Kg	95	98	2.8	75-125	20	
Molybdenum	10.7	100	100	102	103	mg/Kg	91	92	1.0	75-125	20	

QCBatchID: QC1206226	**Analyst:** kedy		**Method:** EPA 6010B		
Matrix: Solid	**Analyzed:** 09/04/2019		**Instrument:** AAICP (group)		

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206226MS1, QC1206226MSD1												**Source: 418924-005**
Nickel	104	100	100	202	186	mg/Kg	98	82	8.2	75-125	20	
Selenium	1.22	100	100	97.2	101	mg/Kg	96	100	3.8	75-125	20	
Silver	ND	100	100	85.6	81.4	mg/Kg	86	81	5.0	75-125	20	
Thallium	0.75	100	100	84.4	87.1	mg/Kg	84	86	3.1	75-125	20	
Vanadium	257	100	100	329	313	mg/Kg	72	56	5.0	75-125	20	M
Zinc	144	100	100	235	217	mg/Kg	91	73	8.0	75-125	20	M

QCBatchID:	**QC1206228**	**Analyst:**	kedy	**Method:**	EPA 6010B
Matrix:	Solid	**Analyzed:**	09/04/2019	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206228MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1206228LCS1											
Lead	100		102		mg/Kg	102			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1206228MS1, QC1206228MSD1												**Source: 418957-058**
Lead	28.4	100	100	117	114	mg/Kg	89	86	2.6	75-125	20	

QCBatchID: QC1206381 **Analyst:** kedy **Method:** EPA 6010B

Matrix: Water **Analyzed:** 09/08/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206381MB1					
Antimony	ND	mg/L	0.014	0.04	
Arsenic	ND	mg/L	0.008	0.01	
Barium	ND	mg/L	0.002	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Cadmium	ND	mg/L	0.002	0.005	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.002	0.005	
Copper	ND	mg/L	0.001	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.02	
Selenium	ND	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Thallium	ND	mg/L	0.009	0.05	
Vanadium	ND	mg/L	0.002	0.005	
Zinc	ND	mg/L	0.017	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206381LCS1											
Antimony	4		3.85		mg/L	96			80-120		
Arsenic	4		3.81		mg/L	95			80-120		
Barium	4		3.98		mg/L	100			80-120		
Beryllium	4		3.75		mg/L	94			80-120		
Cadmium	4		3.85		mg/L	96			80-120		
Chromium	4		4.18		mg/L	105			80-120		
Cobalt	4		3.94		mg/L	99			80-120		
Copper	4		3.75		mg/L	94			80-120		
Lead	4		3.88		mg/L	97			80-120		
Molybdenum	4		4.06		mg/L	102			80-120		
Nickel	4		3.75		mg/L	94			80-120		
Selenium	4		3.74		mg/L	94			80-120		
Silver	4		3.25		mg/L	81			80-120		
Thallium	4		4.03		mg/L	101			80-120		
Vanadium	4		3.78		mg/L	95			80-120		
Zinc	4		3.72		mg/L	93			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206381MS1, QC1206381MSD1												**Source: 419163-018**
Antimony	ND	4	4	4.48	4.20	mg/L	112	105	6.5	75-125	20	
Arsenic	ND	4	4	4.48	4.20	mg/L	112	105	6.5	75-125	20	
Barium	ND	4	4	3.98	3.61	mg/L	100	90	9.7	75-125	20	
Beryllium	ND	4	4	4.48	4.05	mg/L	112	101	10.1	75-125	20	
Cadmium	ND	4	4	4.56	4.33	mg/L	114	108	5.2	75-125	20	
Chromium	0.004	4	4	4.91	4.72	mg/L	123	118	3.9	75-125	20	
Cobalt	ND	4	4	4.06	3.90	mg/L	102	98	4.0	75-125	20	
Copper	ND	4	4	4.49	4.07	mg/L	112	102	9.8	75-125	20	
Lead	ND	4	4	4.42	4.22	mg/L	111	106	4.6	75-125	20	
Molybdenum	ND	4	4	4.66	4.44	mg/L	117	111	4.8	75-125	20	

QCBatchID: QC1206381	**Analyst:** kedy	**Method:** EPA 6010B	
Matrix: Water	**Analyzed:** 09/08/2019	**Instrument:** AAICP (group)	

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206381MS1, QC1206381MSD1												**Source: 419163-018**
Nickel	ND	4	4	3.91	3.72	mg/L	98	93	5.0	75-125	20	
Selenium	ND	4	4	4.44	4.12	mg/L	111	103	7.5	75-125	20	
Silver	ND	4	4	3.90	3.50	mg/L	98	88	10.8	75-125	20	
Thallium	ND	4	4	4.54	4.29	mg/L	114	107	5.7	75-125	20	
Vanadium	ND	4	4	4.62	4.14	mg/L	116	104	11.0	75-125	20	
Zinc	0.120	4	4	4.20	4.08	mg/L	102	99	2.9	75-125	20	

QCBatchID:	**QC1209324**	**Analyst:**	dswafford	**Method:**	EPA 6010B
Matrix:	Solid	**Analyzed:**	11/27/2019	**Instrument:**	AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209324MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD		%Rec	RPD	
QC1209324LCS1											
Lead	100		92.2		mg/Kg	92			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries		RPD	Limits		Notes
		MS	MSD	MS	MSD		MS	MSD		%Rec	RPD	
QC1209324MS1, QC1209324MSD1												**Source: 418957-002**
Lead	7.32	100	100	93.0	86.0	mg/Kg	86	79	7.8	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 418957

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B8W-0.5'	09/03/19 (KMH)	~~1343~~ 1350 (9/3/19)	SOIL	8oz jar	ICE	X	
2	AOC1-E-B8W-1.5'		~~1344~~ 1353					X
3	AOC1-E-B8W-2.5'		~~1347~~ 1355					X
4	AOC1-E-B8E-0.5'		~~1350~~ 1343				X	
5	AOC1-E-B8E-1.5'		~~1353~~ 1344					X
6	AOC1-E-B8E-2.5'		~~1355~~ 1347					X
7	AOC1-E-B8N-0.5'		1400				X	
8	AOC1-E-B8N-1.5'		1402					X
9	AOC1-E-B8N-2.5'		1404					X
10	AOC1-E-B9W-0.5'	↓	0913	↓	↓	↓	X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	N&M	9/3/19 1626
[1] Received By:		Attermeier	EA	9/3/19 1626
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

2.7 9.6 1.9 0.1

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 2 of 11

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Analysis Request

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOC1-E-B9W-1.5'	09/03/19	0915	SOIL	8oz jar	ICE		X
2	AOC1-E-B9W-2.5'		0916					X
3	AOC1-E-B9N-0.5'		0919				X	
4	AOC1-E-B9N-1.5'		0921					X
5	AOC1-E-B9N-2.5'		0923					X
6	AOC1-E-B9E-0.5'		0927				X	
7	AOC1-E-B9E-1.5'		0930					X
8	AOC1-E-B9E-2.5'		0932					X
9	AOC1-E-B10N-0.5'		0841				X	
10	AOC1-E-B10N-1.5'		0843					X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	Ninyo & Moore	9/3/19 1626
[1] Received By:			EA	9/3/19 1626
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 3 of 11

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Analysis Request

Test Instructions / Comments

Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOC1-E-B10N-2.5'	09/03/19	0845	SOIL	8oz jar	ICE		X
2	AOC1-E-B10W-0.5'		0848				X	
3	AOC1-E-B10W-1.5'		0851					X
4	AOC1-E-B10W-2.5'		0853					X
5	AOC1-E-B10S-0.5'		0856				X	
6	AOC1-E-B10S-1.5'		0858					X
7	AOC1-E-B10S-2.5'		0901					X
8	AOC1-E-B11W-0.5'		1056				X	
9	AOC1-E-B11W-1.5'		1059					X
10	AOC1-E-B11W-2.5'		1100					X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	N&M	9/3/19 1626
[1] Received By:		[illegible]	EA	9/3/19 1626
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B11S-0.5'	09/03/19	1103	SOIL	8oz jar	ICE	X	
2	AOC1-E-B11S-1.5'		1107					X
3	AOC1-E-B11S-2.5'		1109					X
4	AOC1-E-B11E-0.5'		1114				X	
5	AOC1-E-B11E-1.5'		1116					X
6	AOC1-E-B11E-2.5'		1118					X
7	AOC1-E-B12W-0.5'		1128				X	
8	AOC1-E-B12W-1.5'		1133					X
9	AOC1-E-B12W-2.5'		1134					X
10	AOC1-E-B12S-0.5'		1139				X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N&M	9/3/19 1626
1 Received By:		[illegible]	[illegible]	9/3/19 1626
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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Chain of Custody Record

Lab No:

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SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3
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Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
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Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B12S-1.5'	09/03/19	1146	SOIL	8oz jar	ICE		X
2	AOC1-E-B12S-2.5'		1148					X
3	AOC1-E-B12E-0.5'		1152				X	
4	AOC1-E-B12E-1.5'		1155					X
5	AOC1-E-B12E-2.5'		1157					X
6	AOC1-E-B19N-0.5'		0955				X	
7	AOC1-E-B19N-1.5'		1000					X
8	AOC1-E-B19N-2.5'		1002					X
9	AOC1-E-B19W-0.5'		1006				X	
10	AOC1-E-B19W-1.5'		1009					X

Test Instructions / Comments

Please cc results to khill@ninyoandmoore.com

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	N & M	9/3/19 1626
[1] Received By:		[illegible]	E2	9/3/19 1826
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

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Chain of Custody Record

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOC1-E-B19W-2.5'	09/03/19	1012	SOIL	1-8oz jar	ICE		X
2	AOC1-E-B19E-0.5'		1018				X	
3	AOC1-E-B19E-1.5'		1020					X
4	AOC1-E-B19E-2.5'		1022					X
5	AOC1-E-B19S-0.5'		1027				X	
6	AOC1-E-B19S-1.5'		1032					X
7	AOC1-E-B19S-2.5'		1039					X
8	AOC1-E-B31N-0.5'		1400				X	
9	AOC1-E-B31N-1.5'		1402					X
10	AOC1-E-B31N-2.5'		1404					X

Analysis Request

Test Instructions / Comments

Please cc results to khill@ninyoandmoore.com

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	N&M	9/3/19 1626
[1] Received By:		Catherine Diaz	EA	9/3/19 1726
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

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Turn Around Time (rush by advanced notice only)

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID (KMH 9/3/19)	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B31W-0.5'	9/3/19	1351	SOIL	8oz jar	ICE	X	
2	AOC1-E-B31W-1.5'		1353					X
3	AOC1-E-B31W-2.5'		1355					X
4	AOC1-E-B31E-0.5'		1344				X	
5	AOC1-E-B31E-1.5'		1346					X
6	AOC1-E-B31E-2.5'		1348					X
7	AOC1-E-B32N-0.5'		1200				X	
8	AOC1-E-B32N-1.5'		1202					X
9	AOC1-E-B32N-2.5'		1204					X
10	AOC1-E-B32E-0.5		1148				X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	N&M	9/3/19 1626
[1] Received By:			EA	9/3/19 1626
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 8 of 11

Turn Around Time (rush by advanced notice only)

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Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B32N-1.5'	9/3/19	1202	SOIL	8oz-jar	ICE		X
2	AOC1-E-B32N-2.5'		1204					X
3	AOC1-E-B32E-0.5'		1148				X	
4	AOC1-E-B32E-1.5'		1152					X
5	AOC1-E-B32E-2.5'		1155					X
6	AOC1-E-B32W-0.5'		1137				X	
7	AOC1-E-B32W-1.5'		1139					X
8	AOC1-E-B32W-2.5'		1141					X
9	AOC1-E-B33N-0.5'		1127				X	
10	AOC1-E-B33N-1.5'		1129					X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	N & M	9/3/19 1626
[1] Received By:			EA	9/3/19 1626
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL	Chain of Custody Record				Turn Around Time (rush by advanced notice only)					
	Lab No:				Standard:	X	5 Day:		3 Day:	
	Page:	9	of	11	2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Analysis Request

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

#	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOCI-E-B33N-2.5'	9/3/19	1130	SOIL	8oz-Jar	ICE		X
2	AOCI-E-B33E-0.5'	↓	1116	↓	↓	↓	X	
3	AOCI-E-B33E-1.5'	↓	1118	↓	↓	↓		X
4	AOCI-E-B33E-2.5'	↓	1120	↓	↓	↓		X
5	AOCI-E-B33S-0.5'	↓	1108	↓	↓	↓	X	
6	AOCI-E-B33S-1.5'	↓	1110	↓	↓	↓		X
7	AOCI-E-B33S-2.5'	↓	1112	↓	↓	↓		X
8	AOCI-E-B34N-0.5'	↓	1059	↓	↓	↓	X	
9	AOCI-E-B34N-1.5'	↓	1103	↓	↓	↓		X
10	AOCI-E-B34N-2.5'	↓	1105	↓	↓	↓		X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N&M	9/3/19 1626
1 Received By:		Cittermandez	EA	9/3/19 1626
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B34E - 0.5'	9/3/19	1050	SOIL	Jar	ICE	X	
2	AOC1-E-B34E-1.5'		1052					X
3	AOC1-E-B34E-2.5'		1054					X
4	AOC1-E-B34S-0.5'		0944				X	
5	AOC1-E-B34S-1.5'		0948					X
6	AOC1-E-B34S-2.5'		0950					X
7	AOC1-E-B36W-0.5'		0931				X	
8	AOC1-E-B36W-1.5'		0934					X
9	AOC1-E-B36W-2.5		0936					X
10	AOC1-E-B36S-0.5'		0910				X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	N&M	9/3/19 1626
[1] Received By:		[illegible]	EA	9/3/19 1626
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 11 of 17

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B36S-1.5'	9/3/19	0913	SOIL	4-oz jar	ICE		X
2	AOC1-E-B36S-2.5'		0920					X
3	AOC1-E-B36E-0.5'		0850				X	
4	AOC1-E-B36E-1.5'		0854					X
5	AOC1-E-B36E-2.5'		0857					X
6	DUP-30		—				X	
7	DUP-31		—				X	
8	EB-090319A		—	H_2O	1-Amber 1-Plastic		X	
9	EB-090319B		—	H_2O	1-Amber 1-Plastic		X	
10								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Audrey Carroll	N&M	9/3/19 1626
[1] Received By:		A Hernandez	EA	9/3/19 1621
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: _____

Date Received: 09/03/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 2.7 #2: 1.9 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.6 #2: 0.1 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Client wrote samples (AOCI-E-B32N-1.5')(AOCI-E-B32N-2.5')(AOCI-E-B32E-0.5') twice on the COC

Section 6

For discrepancies, how was the Project Manager notified? ☑ Verbal PM Initials: R.C. Date/Time 09/03/19

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 9/3/19

Enthalpy Analytical, a subsidiary of Montrose Environmental Group ,Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 538-1209
www.enthalpy.com/socal

Ranjit Clarke

From: Audrey Carroll <acarroll@ninyoandmoore.com> on behalf of Audrey Carroll
Sent: Thursday, November 21, 2019 1:07 PM
To: Ranjit Clarke
Cc: Patrick J. Cullip; Jay Roberts
Subject: Compton High School 210886002
Attachments: Lead Samples to be analyzed at 1.5 feet bgs.xlsx

Hi Ranjit,

Could you please run EPA Method 6010B/7471A Lead for the attached Excel sheet borings at 1.5 feet bgs?

Thank you,

Audrey Carroll
Staff Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200 | Irvine, CA 92618
(949) 753-7070 (**x12268**) | (949) 697-2249 (Cell)
acarroll@ninyoandmoore.com
www.ninyoandmoore.com
Live Long and Prosper

30+ Years of Quality Service

Sample ID	Lab Sample ID
AOC1-E-B1W-0.5'	419028-001
AOC1-E-B2S-0.5'	419028-013
AOC1-E-B2N-0.5'	419028-016
AOC1-E-B4E-0.5'	419028-031
AOC1-E-B4S-0.5'	419028-034
AOC1-E-B4W-0.5'	419028-037
AOC1-E-B6E-0.5'	419028-040
AOC1-E-B6W-0.5'	419028-043
AOC1-E-B8W-0.5'	418957-001
AOC1-E-B8E-0.5'	418957-004
AOC1-E-B8N-0.5'	418957-007
AOC1-E-B9W-0.5'	418957-010
AOC1-E-B9N-0.5'	418957-013
AOC1-E-B9E-0.5'	418957-016
AOC1-E-B10N-0.5'	418957-019
AOC1-E-B10W-0.5'	418957-022
AOC1-E-B10S-0.5'	418957-025
AOC1-E-B11W-0.5'	418957-028
AOC1-E-B11S-0.5'	418957-031
AOC1-E-B11E-0.5'	418957-034
AOC1-E-B12W-0.5'	418957-037
AOC1-E-B12S-0.5'	418957-040
AOC1-E-B12E-0.5'	418957-043
AOC1-E-B31E-0.5'	418957-064
AOC1-E-B32W-0.5'	418957-073
AOC1-E-B33E-0.5'	418957-079
AOC1-E-B33S-0.5'	418957-082
AOC1-E-B34N-0.5'	418957-085
AOC1-E-B39E-0.5'	419100-019
AOC1-E-B39N-0.5'	419100-022
AOC1-E-B39S-0.5'	419100-025
AOC1-W-B6E-0.5'	419100-046
AOC1-W-B6W-0.5'	419100-052
AOC1-W-B7E-0.5'	419100-055
AOC1-W-B7W-0.5'	419100-061
AOC1-W-B23W-0.5'	419160-037
AOC1-W-B23E-0.5'	419160-043
AOC1-W-B26W-0.5'	419160-004
AOC1-W-B27E-0.5'	419160-010
AOC4-B18-S1E-5'	419425-023
AOC5-B5S-0.5	419195-010
AOC5-B8S-0.5	419195-016
AOC5-B8W-0.5	419195-019
AOC5-B8N-0.5	419195-022
AOC5-B12S-0.5'	419160-049

AOC5-B13W-0.5'	419160-052
AOC5-B13S-0.5'	419160-058
AOC5-B14N-0.5	419195-037
AOC5-B14S-0.5	419195-040
AOC5-B14W-0.5	419195-043
AOC5-B15S-0.5	419195-049
AOC5-B17E-0.5'	419160-064
AOC5-B17N-0.5'	419160-067
AOC5-B21W-0.5'	419160-070
AOC5-B25W-0.5'	419160-091

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Tel: (714)771-6900 Fax: (714)538-1209
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info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip

Lab Request: 419028
Report Date: 12/02/2019
Date Received: 09/04/2019
Client ID: 15461

Comments: Compton High School PEA
210886002
601 South Aracia Avenue, Compton, CA 90220

Supplemental Report 1 - Additional analyses requested on 11/21/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
419028-001	AOC1-E-B1W-0.5'	419028-025	AOC1-E-B3N-0.5'	419028-049	AOC1-E-B7N-0.5'
419028-002	AOC1-E-B1W-1.5'	419028-026	AOC1-E-B3N-1.5'	419028-050	AOC1-E-B7N-1.5'
419028-003	AOC1-E-B1W-2.5'	419028-027	AOC1-E-B3N-2.5	419028-051	AOC1-E-B7N-2.5'
419028-004	AOC1-E-B1N-0.5'	419028-028	AOC1-E-B3E-0.5	419028-052	AOC1-E-B7E-0.5
419028-005	AOC1-E-B1N-1.5'	419028-029	AOC1-E-B3E-1.5'	419028-053	AOC1-E-B7E-1.5'
419028-006	AOC1-E-B1N-2.5'	419028-030	AOC1-E-B3E-2.5'	419028-054	AOC1-E-B7E-2.5'
419028-007	AOC1-E-B1E-0.5'	419028-031	AOC1-E-B4E-0.5'	419028-055	AOC1-E-B7S-0.5'
419028-008	AOC1-E-B1E-1.5'	419028-032	AOC1-E-B4E-1.5'	419028-056	AOC1-E-B7S-1.5'
419028-009	AOC1-E-B1E-2.5'	419028-033	AOC1-E-B4E-2.5'	419028-057	AOC1-E-B7S-2.5'
419028-010	AOC1-E-B1S-0.5'	419028-034	AOC1-E-B4S-0.5'	419028-058	AOC1-E-B20N-0.5'
419028-011	AOC1-E-B1S-1.5'	419028-035	AOC1-E-B4S-1.5'	419028-059	AOC1-E-B20N-1.5'
419028-012	AOC1-E-B1S-2.5'	419028-036	AOC1-E-B4S-2.5'	419028-060	AOC1-E-B20N-2.5'
419028-013	AOC1-E-B2S-0.5'	419028-037	AOC1-E-B4W-0.5'	419028-061	AOC1-E-B20E-0.5'
419028-014	AOC1-E-B2S-1.5'	419028-038	AOC1-E-B4W-1.5'	419028-062	AOC1-E-B20E-1.5'
419028-015	AOC1-E-B2S-2.5'	419028-039	AOC1-E-B4W-2.5	419028-063	AOC1-E-B20E-2.5'
419028-016	AOC1-E-B2N-0.5'	419028-040	AOC1-E-B6E-0.5'	419028-064	AOC1-E-B20S-0.5'
419028-017	AOC1-E-B2N-1.5'	419028-041	AOC1-E-B6E-1.5'	419028-065	AOC1-E-B20S-1.5'
419028-018	AOC1-E-B2N-2.5'	419028-042	AOC1-E-B6E-2.5'	419028-066	AOC1-E-B20S-2.5'
419028-019	AOC1-E-B2E-0.5'	419028-043	AOC1-E-B6W-0.5'	419028-067	DUP-32
419028-020	AOC1-E-B2E-1.5'	419028-044	AOC1-E-B6W-1.5'	419028-068	DUP-33
419028-021	AOC1-E-B2E-2.5'	419028-045	AOC1-E-B6W-2.5'	419028-069	DUP-34
419028-022	AOC1-E-B3S-0.5	419028-046	AOC1-E-B6N-0.5'	419028-070	DUP-35
419028-023	AOC1-E-B3S-1.5'	419028-047	AOC1-E-B6N-1.5'	419028-071	DUP-36
419028-024	AOC1-E-B3S-2.5'	419028-048	AOC1-E-B6N-2.5'	419028-072	EB-090419

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

ACCREDITED IN ACCORDANCE WITH nelac

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:53 **Site:**
Sample #: 419028-001 **Client Sample #:** AOC1-E-B1W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206315		
Lead	**165**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:59 **Site:**
Sample #: 419028-002 **Client Sample #:** AOC1-E-B1W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209187		
Lead	**1.17**	1	0.84	1	mg/Kg		11/26/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:57 **Site:**
Sample #: 419028-003 **Client Sample #:** AOC1-E-B1W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:02 **Site:**
Sample #: 419028-004 **Client Sample #:** AOC1-E-B1N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206315		
Lead	**49.8**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:03 **Site:**
Sample #: 419028-005 **Client Sample #:** AOC1-E-B1N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:04 **Site:**
Sample #: 419028-006 **Client Sample #:** AOC1-E-B1N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:09 **Site:**
Sample #: 419028-007 **Client Sample #:** AOC1-E-B1E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206315		
Lead	**13.4**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:11 **Site:**
Sample #: 419028-008 **Client Sample #:** AOC1-E-B1E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:13 **Site:**
Sample #: 419028-009 **Client Sample #:** AOC1-E-B1E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:17 **Site:**
Sample #: 419028-010 **Client Sample #:** AOC1-E-B1S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206315		
Lead	**48.1**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:19 **Site:**
Sample #: 419028-011 **Client Sample #:** AOC1-E-B1S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:20 **Site:**
Sample #: 419028-012 **Client Sample #:** AOC1-E-B1S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:03 **Site:**
Sample #: 419028-013 **Client Sample #:** AOC1-E-B2S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206315		
Lead	**145**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:05 **Site:**
Sample #: 419028-014 **Client Sample #:** AOC1-E-B2S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209187		
Lead	**3.86**	1	0.84	1	mg/Kg		11/26/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:07 **Site:**
Sample #: 419028-015 **Client Sample #:** AOC1-E-B2S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:08 **Site:**
Sample #: 419028-016 **Client Sample #:** AOC1-E-B2N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206315		
Lead	**184**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:10 **Site:**
Sample #: 419028-017 **Client Sample #:** AOC1-E-B2N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209187		
Lead	ND	1	0.84	1	mg/Kg		11/26/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:12 **Site:**
Sample #: 419028-018 **Client Sample #:** AOC1-E-B2N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:14 **Site:**
Sample #: 419028-019 **Client Sample #:** AOC1-E-B2E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206315		
Lead	**18.2**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:16 **Site:**
Sample #: 419028-020 **Client Sample #:** AOC1-E-B2E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 09:18 **Site:**
Sample #: 419028-021 **Client Sample #:** AOC1-E-B2E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 08:30 **Site:**
Sample #: 419028-022 **Client Sample #:** AOC1-E-B3S-0.5 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**67.5**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 08:32 **Site:**
Sample #: 419028-023 **Client Sample #:** AOC1-E-B3S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 08:33 **Site:**
Sample #: 419028-024 **Client Sample #:** AOC1-E-B3S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 08:35 **Site:**
Sample #: **419028-025** **Client Sample #:** AOC1-E-B3N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1206317		
Lead	**15.5**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 08:36 **Site:**
Sample #: **419028-026** **Client Sample #:** AOC1-E-B3N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 08:37 **Site:**
Sample #: **419028-027** **Client Sample #:** AOC1-E-B3N-2.5 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 08:39 **Site:**
Sample #: **419028-028** **Client Sample #:** AOC1-E-B3E-0.5 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1206317		
Lead	**23.9**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 08:40 **Site:**
Sample #: **419028-029** **Client Sample #:** AOC1-E-B3E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 08:41 **Site:**
Sample #: **419028-030** **Client Sample #:** AOC1-E-B3E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:45 **Site:**
Sample #: **419028-031** **Client Sample #:** AOC1-E-B4E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1206317		
Lead	**109**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:47 **Site:**
Sample #: **419028-032** **Client Sample #:** AOC1-E-B4E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1209187		
Lead	**65.3**	1	0.84	1	mg/Kg		11/26/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:48 **Site:**
Sample #: 419028-033 **Client Sample #:** AOC1-E-B4E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:50 **Site:**
Sample #: 419028-034 **Client Sample #:** AOC1-E-B4S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**81.9**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:52 **Site:**
Sample #: 419028-035 **Client Sample #:** AOC1-E-B4S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209187		
Lead	**2.19**	1	0.84	1	mg/Kg		11/26/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:54 **Site:**
Sample #: 419028-036 **Client Sample #:** AOC1-E-B4S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:57 **Site:**
Sample #: 419028-037 **Client Sample #:** AOC1-E-B4W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**123**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:59 **Site:**
Sample #: 419028-038 **Client Sample #:** AOC1-E-B4W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209187		
Lead	**6.95**	1	0.84	1	mg/Kg		11/26/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 14:00 **Site:**
Sample #: 419028-039 **Client Sample #:** AOC1-E-B4W-2.5 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:31 **Site:**
Sample #: 419028-040 **Client Sample #:** AOC1-E-B6E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**117**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:32 **Site:**
Sample #: 419028-041 **Client Sample #:** AOC1-E-B6E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209187		
Lead	**1.49**	1	0.84	1	mg/Kg		11/26/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:33 **Site:**
Sample #: 419028-042 **Client Sample #:** AOC1-E-B6E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:39 **Site:**
Sample #: 419028-043 **Client Sample #:** AOC1-E-B6W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**98.2**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:40 **Site:**
Sample #: 419028-044 **Client Sample #:** AOC1-E-B6W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209187		
Lead	**38.4**	1	0.84	1	mg/Kg		11/26/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:41 **Site:**
Sample #: 419028-045 **Client Sample #:** AOC1-E-B6W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:44 **Site:**
Sample #: 419028-046 **Client Sample #:** AOC1-E-B6N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**28.2**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:45 **Site:**
Sample #: 419028-047 **Client Sample #:** AOC1-E-B6N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 10:46 **Site:**
Sample #: 419028-048 **Client Sample #:** AOC1-E-B6N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 11:33 **Site:**
Sample #: 419028-049 **Client Sample #:** AOC1-E-B7N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**13.4**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 11:34 **Site:**
Sample #: 419028-050 **Client Sample #:** AOC1-E-B7N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 11:35 **Site:**
Sample #: 419028-051 **Client Sample #:** AOC1-E-B7N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 11:37 **Site:**
Sample #: 419028-052 **Client Sample #:** AOC1-E-B7E-0.5 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**17.5**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 11:38 **Site:**
Sample #: 419028-053 **Client Sample #:** AOC1-E-B7E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 11:40 **Site:**
Sample #: 419028-054 **Client Sample #:** AOC1-E-B7E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 11:45 **Site:**
Sample #: 419028-055 **Client Sample #:** AOC1-E-B7S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**52.3**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 11:47 **Site:**
Sample #: 419028-056 **Client Sample #:** AOC1-E-B7S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 11:48 **Site:**
Sample #: 419028-057 **Client Sample #:** AOC1-E-B7S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:17 **Site:**
Sample #: 419028-058 **Client Sample #:** AOC1-E-B20N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**30.3**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:20 **Site:**
Sample #: 419028-059 **Client Sample #:** AOC1-E-B20N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:25 **Site:**
Sample #: 419028-060 **Client Sample #:** AOC1-E-B20N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:28 **Site:**
Sample #: 419028-061 **Client Sample #:** AOC1-E-B20E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**40.5**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:30 **Site:**
Sample #: 419028-062 **Client Sample #:** AOC1-E-B20E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:31 **Site:**
Sample #: 419028-063 **Client Sample #:** AOC1-E-B20E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:36 **Site:**
Sample #: 419028-064 **Client Sample #:** AOC1-E-B20S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**64.7**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:37 **Site:**
Sample #: **419028-065** **Client Sample #:** AOC1-E-B20S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 13:39 **Site:**
Sample #: **419028-066** **Client Sample #:** AOC1-E-B20S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: AL HOLD	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 **Site:**
Sample #: **419028-067** **Client Sample #:** DUP-32 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**166**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 **Site:**
Sample #: **419028-068** **Client Sample #:** DUP-33 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**312**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 **Site:**
Sample #: **419028-069** **Client Sample #:** DUP-34 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**63.4**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 **Site:**
Sample #: **419028-070** **Client Sample #:** DUP-35 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**26.9**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 **Site:**
Sample #: **419028-071** **Client Sample #:** DUP-36 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206317		
Lead	**90.5**	1	0.84	1	mg/Kg	09/05/19	09/06/19	SBW	

Matrix: Water **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/04/2019 **Site:**
Sample #: **419028-072** **Client Sample #:** EB-090419 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3010A						QCBatchID: QC1206381		
Lead	ND	1	0.005	0.01	mg/L		09/09/19	SBW	

QCBatchID: QC1206315 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 09/05/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206315MB1					
Antimony	**0.56 J**	mg/Kg	0.37	3	
Arsenic	ND	mg/Kg	0.36	1	
Barium	ND	mg/Kg	0.23	1	
Beryllium	ND	mg/Kg	0.17	0.5	
Cadmium	ND	mg/Kg	0.21	0.5	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Lead	ND	mg/Kg	0.32	1	
Molybdenum	**0.30 J**	mg/Kg	0.13	1	
Nickel	**0.27 J**	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	**1.76 J**	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	**1.13 J**	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206315LCS1											
Antimony	100		104		mg/Kg	104			80-120		
Arsenic	100		94.9		mg/Kg	95			80-120		
Barium	100		91.4		mg/Kg	91			80-120		
Beryllium	100		93.7		mg/Kg	94			80-120		
Cadmium	100		96.1		mg/Kg	96			80-120		
Chromium	100		101		mg/Kg	101			80-120		
Cobalt	100		98.4		mg/Kg	98			80-120		
Copper	100		91.2		mg/Kg	91			80-120		
Lead	100		101		mg/Kg	101			80-120		
Molybdenum	100		102		mg/Kg	102			80-120		
Nickel	100		99.9		mg/Kg	100			80-120		
Selenium	100		95.8		mg/Kg	96			80-120		
Silver	100		82.9		mg/Kg	83			80-120		
Thallium	100		98.7		mg/Kg	99			80-120		
Vanadium	100		98.6		mg/Kg	99			80-120		
Zinc	100		93.8		mg/Kg	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206315MS1, QC1206315MSD1												**Source: 419002-032**
Antimony	ND	10	10	4.51	3.20	mg/Kg	45	32	34.0	75-125	20	M,D
Arsenic	1.23	10	10	9.64	10.8	mg/Kg	84	96	11.4	75-125	20	
Barium	43.5	100	100	133	138	mg/Kg	90	95	3.7	75-125	20	
Beryllium	ND	10	10	8.12	8.34	mg/Kg	81	83	2.7	75-125	20	
Cadmium	0.36	10	10	9.90	10.3	mg/Kg	95	99	4.0	75-125	20	
Chromium	7.63	10	10	14.9	16.1	mg/Kg	73	85	7.7	75-125	20	M
Cobalt	4.44	10	10	13.8	14.2	mg/Kg	94	98	2.9	75-125	20	
Copper	5.37	10	10	13.7	14.5	mg/Kg	83	91	5.7	75-125	20	
Lead	2.01	10	10	10.3	11.8	mg/Kg	83	98	13.6	75-125	20	
Molybdenum	0.54	10	10	9.70	10.2	mg/Kg	92	97	5.0	75-125	20	

QCBatchID: QC1206315 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 09/05/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206315MS1, QC1206315MSD1												**Source: 419002-032**
Nickel	3.53	10	10	12.3	13.0	mg/Kg	88	95	5.5	75-125	20	
Selenium	ND	10	10	9.07	9.93	mg/Kg	91	99	9.1	75-125	20	
Silver	ND	100	100	89.6	91.8	mg/Kg	90	92	2.4	75-125	20	
Thallium	4.00	10	10	10.6	11.5	mg/Kg	66	75	8.1	75-125	20	M
Vanadium	20.2	10	10	26.6	27.7	mg/Kg	64	75	4.1	75-125	20	M
Zinc	18.3	10	10	24.7	25.6	mg/Kg	64	73	3.6	75-125	20	M

QCBatchID: QC1206317 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 09/05/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206317MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206317LCS1											
Lead	100		93.2		mg/Kg	93			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206317MS1, QC1206317MSD1												**Source: 419028-022**
Lead	67.5	100	100	163	140	mg/Kg	96	73	15.2	75-125	20	M

QCBatchID: QC1206381 **Analyst:** kedy **Method:** EPA 6010B

Matrix: Water **Analyzed:** 09/08/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206381MB1					
Antimony	ND	mg/L	0.014	0.04	
Arsenic	ND	mg/L	0.008	0.01	
Barium	ND	mg/L	0.002	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Cadmium	ND	mg/L	0.002	0.005	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.002	0.005	
Copper	ND	mg/L	0.001	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.02	
Selenium	ND	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Thallium	ND	mg/L	0.009	0.05	
Vanadium	ND	mg/L	0.002	0.005	
Zinc	ND	mg/L	0.017	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206381LCS1											
Antimony	4		3.85		mg/L	96			80-120		
Arsenic	4		3.81		mg/L	95			80-120		
Barium	4		3.98		mg/L	100			80-120		
Beryllium	4		3.75		mg/L	94			80-120		
Cadmium	4		3.85		mg/L	96			80-120		
Chromium	4		4.18		mg/L	105			80-120		
Cobalt	4		3.94		mg/L	99			80-120		
Copper	4		3.75		mg/L	94			80-120		
Lead	4		3.88		mg/L	97			80-120		
Molybdenum	4		4.06		mg/L	102			80-120		
Nickel	4		3.75		mg/L	94			80-120		
Selenium	4		3.74		mg/L	94			80-120		
Silver	4		3.25		mg/L	81			80-120		
Thallium	4		4.03		mg/L	101			80-120		
Vanadium	4		3.78		mg/L	95			80-120		
Zinc	4		3.72		mg/L	93			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206381MS1, QC1206381MSD1												**Source: 419163-018**
Antimony	ND	4	4	4.48	4.20	mg/L	112	105	6.5	75-125	20	
Arsenic	ND	4	4	4.48	4.20	mg/L	112	105	6.5	75-125	20	
Barium	ND	4	4	3.98	3.61	mg/L	100	90	9.7	75-125	20	
Beryllium	ND	4	4	4.48	4.05	mg/L	112	101	10.1	75-125	20	
Cadmium	ND	4	4	4.56	4.33	mg/L	114	108	5.2	75-125	20	
Chromium	0.004	4	4	4.91	4.72	mg/L	123	118	3.9	75-125	20	
Cobalt	ND	4	4	4.06	3.90	mg/L	102	98	4.0	75-125	20	
Copper	ND	4	4	4.49	4.07	mg/L	112	102	9.8	75-125	20	
Lead	ND	4	4	4.42	4.22	mg/L	111	106	4.6	75-125	20	
Molybdenum	ND	4	4	4.66	4.44	mg/L	117	111	4.8	75-125	20	

QCBatchID: QC1206381	**Analyst:** kedy	**Method:** EPA 6010B	
Matrix: Water	**Analyzed:** 09/08/2019	**Instrument:** AAICP (group)	

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206381MS1, QC1206381MSD1												**Source: 419163-018**
Nickel	ND	4	4	3.91	3.72	mg/L	98	93	5.0	75-125	20	
Selenium	ND	4	4	4.44	4.12	mg/L	111	103	7.5	75-125	20	
Silver	ND	4	4	3.90	3.50	mg/L	98	88	10.8	75-125	20	
Thallium	ND	4	4	4.54	4.29	mg/L	114	107	5.7	75-125	20	
Vanadium	ND	4	4	4.62	4.14	mg/L	116	104	11.0	75-125	20	
Zinc	0.120	4	4	4.20	4.08	mg/L	102	99	2.9	75-125	20	

QCBatchID: QC1209187 **Analyst:** rvenegas **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 11/25/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209187MB1					
Antimony	ND	mg/Kg	1.6	3	
Arsenic	ND	mg/Kg	0.67	1	
Barium	ND	mg/Kg	0.11	1	
Beryllium	ND	mg/Kg	0.067	0.5	
Cadmium	ND	mg/Kg	0.094	0.5	
Chromium	ND	mg/Kg	0.096	1	
Cobalt	ND	mg/Kg	0.086	0.5	
Copper	ND	mg/Kg	0.42	1	
Lead	ND	mg/Kg	0.84	1	
Molybdenum	ND	mg/Kg	0.59	1	
Nickel	ND	mg/Kg	0.26	1.5	
Selenium	ND	mg/Kg	1.8	3	
Silver	ND	mg/Kg	0.16	0.5	
Thallium	ND	mg/Kg	1.1	3	
Vanadium	ND	mg/Kg	0.26	0.5	
Zinc	ND	mg/Kg	0.75	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1209187LCS1											
Antimony	100		96.8		mg/Kg	97			80-120		
Arsenic	100		97.1		mg/Kg	97			80-120		
Barium	100		92.4		mg/Kg	92			80-120		
Beryllium	100		101		mg/Kg	101			80-120		
Cadmium	100		90.3		mg/Kg	90			80-120		
Chromium	100		97.6		mg/Kg	98			80-120		
Cobalt	100		92.3		mg/Kg	92			80-120		
Copper	100		102		mg/Kg	102			80-120		
Lead	100		87.0		mg/Kg	87			80-120		
Molybdenum	100		103		mg/Kg	103			80-120		
Nickel	100		93.8		mg/Kg	94			80-120		
Selenium	100		91.9		mg/Kg	92			80-120		
Silver	100		99.0		mg/Kg	99			80-120		
Thallium	100		86.4		mg/Kg	86			80-120		
Vanadium	100		107		mg/Kg	107			80-120		
Zinc	100		93.6		mg/Kg	94			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1209187MS1, QC1209187MSD1												**Source: 419028-002**
Antimony	2.79	100	100	35.3	35.8	mg/Kg	33	33	1.4	75-125	20	M
Arsenic	1.59	100	100	94.0	98.6	mg/Kg	92	97	4.8	75-125	20	
Barium	114	100	100	208	215	mg/Kg	94	101	3.3	75-125	20	
Beryllium	ND	100	100	88.7	85.4	mg/Kg	89	85	3.8	75-125	20	
Cadmium	0.65	100	100	85.5	82.0	mg/Kg	85	81	4.2	75-125	20	
Chromium	17.0	100	100	97.5	99.8	mg/Kg	81	83	2.3	75-125	20	
Cobalt	10.8	100	100	102	107	mg/Kg	91	96	4.8	75-125	20	
Copper	14.2	100	100	97.2	95.4	mg/Kg	83	81	1.9	75-125	20	
Lead	1.17	100	100	87.5	84.0	mg/Kg	86	83	4.1	75-125	20	
Molybdenum	ND	100	100	86.9	90.2	mg/Kg	87	90	3.7	75-125	20	

QCBatchID: QC1209187	**Analyst:** rvenegas		**Method:** EPA 6010B		
Matrix: Solid	**Analyzed:** 11/25/2019		**Instrument:** AAICP (group)		

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1209187MS1, QC1209187MSD1												**Source: 419028-002**
Nickel	11.6	100	100	96.3	92.7	mg/Kg	85	81	3.8	75-125	20	
Selenium	ND	100	100	84.0	85.0	mg/Kg	84	85	1.2	75-125	20	
Silver	ND	100	100	80.6	82.1	mg/Kg	81	82	1.8	75-125	20	
Thallium	2.87	100	100	82.4	88.0	mg/Kg	80	85	6.6	75-125	20	
Vanadium	38.8	100	100	133	137	mg/Kg	94	98	3.0	75-125	20	
Zinc	53.6	100	100	144	140	mg/Kg	90	86	2.8	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419028

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Analysis Request

Test Instructions / Comments

Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOCI-E-BIW - 0.5'	9/4/19	0953	SOIL	8oz jar	ICE	X	
2	AOCI-E-BIW - 1.5'		0959					X
3	AOCI-E-BIW - 2.5'		0957					X
4	AOCI-E-BIN - 0.5'		1002				X	
5	AOCI-E-BIN - 1.5'		1003					X
6	AOCI-E-BIN - 2.5'		1004					X
7	AOCI-E-BIE - 0.5'		1009				X	
8	AOCI-E-BIE - 1.5'		1011					X
9	AOCI-E-BIE - 2.5'		1013					X
10	AOCI-E-BIS-0.5'		1017				X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M / Geologist	9/4/19 1644
[1] Received By:		Ben Salgado	E.A	9.4.19 1645
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.4.19 1809
[2] Received By:		S. Kim	EA	9/4/19 1809
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Analysis Request

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOC1-E-B1S-1.5'	9/4/19	1019	SOIL	8oz jar	ICE		X
2	AOC1-E-B1S-2.5'		1020					X
3	AOC1-E-B2S-0.5'		0903				X	
4	AOC1-E-B2S-1.5'		0905					X
5	AOC1-E-B2S-2.5'		0907					X
6	AOC1-E-B2N-0.5'		0908				X	
7	AOC1-E-B2N-1.5'		0910					X
8	AOC1-E-B2N-2.5'		0912					X
9	AOC1-E-B2E-0.5'		0914				X	
10	AOC1-E-B2E-1.5'		0916					X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Krishna Hill	N&M Geologist	9/4/19 1644
[1] Received By:		Ben Salgado	E.A	9.4.19 1645
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.4.19 1809
[2] Received By:		G. Kim	OA	9/4/19 1809
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B2E-2.5'	9/4/19	0918	Soil	8oz jar	ICE		X
2	AOC1-E-B3S-0.5'		0830				X	
3	AOC1-E-B3S-1.5'		0832					X
4	AOC1-E-B3S-2.5'		0833					X
5	AOC1-E-B3N-0.5'		0835				X	
6	AOC1-E-B3N-1.5'		0836					X
7	AOC1-E-B3N-2.5'		0837					X
8	AOC1-E-B3E-0.5'		0839				X	
9	AOC1-E-B3E-1.5'		0840					X
10	AOC1-E-B3E-2.5'		0841					X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M / Geologist	9/4/19 1644
[1] Received By:		Ben Salgado	E.A	9.4.19 1645
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.4.19 1809
[2] Received By:		G Kim	lab tech	9/4/19 1809
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B4E-0.5'	9/4/19	1345	SOIL	8oz jar	ICE	X	
2	AOC1-E-B4E-1.5'		1347					X
3	AOC1-E-B4E-2.5'		1348					X
4	AOC1-E-B4S-0.5'		1350				X	
5	AOC1-E-B4S-1.5'		1352					X
6	AOC1-E-B4S-2.5'		1354					X
7	AOC1-E-B4W-0.5'		1357				X	
8	AOC1-E-B4W-1.5'		1359					X
9	AOC1-E-B4W-2.5'		1400					X
10	AOC1-E-B6E-0.5'	↓	1031	↓	↓	↓	X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M / Geologist	9/4/19 1644
[1] Received By:		Ben Salgado	E.A.	9.4.19 1645
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.4.19 1809
[2] Received By:		G. Kim	EA	9/4/19 1809
[3] Relinquished By:				
[3] Received By:				

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Chain of Custody Record

Lab No:

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Analysis Request: LEAD (6010B), HOLD

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOC1-E-B6E-1.5'	9/4/19	1032	SOIL	8oz jar	ICE		X
2	AOC1-E-B6E-2.5'		1033					X
3	AOC1-E-B6W-0.5'		1039				X	
4	AOC1-E-B6W-1.5' KMH 9/4/19		1040					X
5	AOC1-E-B6W-2.5'		1041					X
6	AOC1-E-B6N-0.5'		1044				X	
7	AOC1-E-B6N-1.5'		1045					X
8	AOC1-E-B6N-2.5'		1046					X
9	AOC1-E-B7N-0.5'		1133				X	
10	AOC1-E-B7N-1.5'		1134					X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M / Geologist	9/4/19 1644
[1] Received By:		BEN SALGADO	E.A.	9.4.19 1645
[2] Relinquished By:		BEN SALGADO	ENTHALPY ANALYTICAL	9.4.19 1812
[2] Received By:		G KIM	EA	9/4/19 1812
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 6 of 8

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Analysis Request

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOC1-E-B7N-2.5'	9/4/19	1135	SOIL	802 jar	ICE		X
2	AOC1-E-B7E-0.5'		1137				X	
3	AOC1-E-B7E-1.5'		1138					X
4	AOC1-E-B7E-2.5'		1140					X
5	AOC1-E-B7S-0.5'		1145				X	
6	AOC1-E-B7S-1.5'		1147					X
7	AOC1-E-B7S-2.5'		1148					X
8	AOC1-E-B20N-0.5'		1317				X	
9	AOC1-E-B20N-1.5'		1320					X
10	AOC1-E-B20N-2.5'		1325					X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M / Geologist	9/4/19 1644
[1] Received By:		Ben Salgado	E.A.	9.4.19 1645
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.4.19 1809
[2] Received By:		C. Kim	QA	9/4/19 1889
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 7 of 8

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT	

Enthalpy Analytical - Orange

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Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-E-B20E-0.5'	9/4/19	1328	SOIL	8oz jar	ICE	X	
2	AOC1-E-B20E-1.5'		1330					X
3	AOC1-E-B20E-2.5'		1331					X
4	AOC1-E-B20S-0.5'		1336				X	
5	AOC1-E-B20S-1.5'		1337					X
6	AOC1-E-B20S-2.5'		1339					X
7	DUP-32		—				X	
8	DUP-33		—				X	
9	DUP-34		—				X	
10	DUP-35		—				X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M / Geologist	9/4/19 1644
[1] Received By:		Ben Salgado	E.A.	9.4.19 1645
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.4.19 1809
[2] Received By:		G. Kim	QA	9/4/19 1809
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page: 8 of 8

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	Test Instructions / Comments
1	DUP-36	9/4/19	—	SOIL	8oz jar	ICE	X	Please cc results to khill@ninyoandmoore.com
2	EB-090419	9/4/19	—	H_2O	Amber jar	ICE	X	
3								
4								
5								
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M / Geologist	9/4/19 1644
[1] Received By:		Ben Salgado	E.A	9.4.19 1104S
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.4.19 1814
[2] Received By:			CA	9/4/19 1814
[3] Relinquished By:				
[3] Received By:				

5C/02 1-6118

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton High School PEA

Date Received: 9/4/19 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 2 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.6 #2: 1.6 #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.2 #2: 1.2 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)		✓	
Were the samples collected in the correct containers for the required tests? 9/4/19	~~✓~~	✓	
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Sample 021: COC "AOCI-E-B2E-2.5" Sample Container Label: "AOCI-E-B3E-2.5". Sample times match and it was paired by process of elimination.

Equipment Blank was not preserved for 6010 Pb.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 9/4/19 9/4/19

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www.enthalpy.com/socal

Ranjit Clarke

From: Audrey Carroll <acarroll@ninyoandmoore.com> on behalf of Audrey Carroll
Sent: Thursday, November 21, 2019 1:07 PM
To: Ranjit Clarke
Cc: Patrick J. Cullip; Jay Roberts
Subject: Compton High School 210886002
Attachments: Lead Samples to be analyzed at 1.5 feet bgs.xlsx

Hi Ranjit,

Could you please run EPA Method 6010B/7471A Lead for the attached Excel sheet borings at 1.5 feet bgs?

Thank you,

Audrey Carroll
Staff Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200 | Irvine, CA 92618
(949) 753-7070 (**x12268**) | (949) 697-2249 (Cell)
acarroll@ninyoandmoore.com
www.ninyoandmoore.com
Live Long and Prosper

30+ Years of Quality Service

Sample ID	Lab Sample ID
AOC1-E-B1W-0.5'	419028-001
AOC1-E-B2S-0.5'	419028-013
AOC1-E-B2N-0.5'	419028-016
AOC1-E-B4E-0.5'	419028-031
AOC1-E-B4S-0.5'	419028-034
AOC1-E-B4W-0.5'	419028-037
AOC1-E-B6E-0.5'	419028-040
AOC1-E-B6W-0.5'	419028-043
AOC1-E-B8W-0.5'	418957-001
AOC1-E-B8E-0.5'	418957-004
AOC1-E-B8N-0.5'	418957-007
AOC1-E-B9W-0.5'	418957-010
AOC1-E-B9N-0.5'	418957-013
AOC1-E-B9E-0.5'	418957-016
AOC1-E-B10N-0.5'	418957-019
AOC1-E-B10W-0.5'	418957-022
AOC1-E-B10S-0.5'	418957-025
AOC1-E-B11W-0.5'	418957-028
AOC1-E-B11S-0.5'	418957-031
AOC1-E-B11E-0.5'	418957-034
AOC1-E-B12W-0.5'	418957-037
AOC1-E-B12S-0.5'	418957-040
AOC1-E-B12E-0.5'	418957-043
AOC1-E-B31E-0.5'	418957-064
AOC1-E-B32W-0.5'	418957-073
AOC1-E-B33E-0.5'	418957-079
AOC1-E-B33S-0.5'	418957-082
AOC1-E-B34N-0.5'	418957-085
AOC1-E-B39E-0.5'	419100-019
AOC1-E-B39N-0.5'	419100-022
AOC1-E-B39S-0.5'	419100-025
AOC1-W-B6E-0.5'	419100-046
AOC1-W-B6W-0.5'	419100-052
AOC1-W-B7E-0.5'	419100-055
AOC1-W-B7W-0.5'	419100-061
AOC1-W-B23W-0.5'	419160-037
AOC1-W-B23E-0.5'	419160-043
AOC1-W-B26W-0.5'	419160-004
AOC1-W-B27E-0.5'	419160-010
AOC4-B18-S1E-5'	419425-023
AOC5-B5S-0.5	419195-010
AOC5-B8S-0.5	419195-016
AOC5-B8W-0.5	419195-019
AOC5-B8N-0.5	419195-022
AOC5-B12S-0.5'	419160-049

AOC5-B13W-0.5'	419160-052
AOC5-B13S-0.5'	419160-058
AOC5-B14N-0.5	419195-037
AOC5-B14S-0.5	419195-040
AOC5-B14W-0.5	419195-043
AOC5-B15S-0.5	419195-049
AOC5-B17E-0.5'	419160-064
AOC5-B17N-0.5'	419160-067
AOC5-B21W-0.5'	419160-070
AOC5-B25W-0.5'	419160-091

Enthalpy Analytical, LLC

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Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Ninyo & Moore
Address: 475 Goddard
Suite 200
Irvine, CA 92618
Attn: Patrick Cullip
Comments: Compton High School PEA
#210886002
601 South Acacia Ave, Compton, CA 90220

Lab Request: 419100
Report Date: 12/23/2019
Date Received: 09/05/2019
Client ID: 15461

Supplemental Report 2 - Additional analyses requested on 11/21/19 and 12/16/19 are now included.

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID	Sample #	Client Sample ID	Sample #	Client Sample ID
419100-001	AOC1-E-B37E-0.5'	419100-027	AOC1-E-B39S-2.5'	419100-053	AOC1-W-B6W-1.5'
419100-002	AOC1-E-B37E-1.5'	419100-028	AOC1-W-B1N-0.5'	419100-054	AOC1-W-B6W-2.5'
419100-003	AOC1-E-B37E-2.5'	419100-029	AOC1-W-B1N-1.5'	419100-055	AOC1-W-B7E-0.5'
419100-004	AOC1-E-B37N-0.5'	419100-030	AOC1-W-B1N-2.5'	419100-056	AOC1-W-B7E-1.5'
419100-005	AOC1-E-B37N-1.5'	419100-031	AOC1-W-B1W-0.5'	419100-057	AOC1-W-B7E-2.5'
419100-006	AOC1-E-B37N-2.5'	419100-032	AOC1-W-B1W-1.5'	419100-058	AOC1-W-B7S-0.5'
419100-007	AOC1-E-B37W-0.5'	419100-033	AOC1-W-B1W-2.5'	419100-059	AOC1-W-B7S-1.5'
419100-008	AOC1-E-B37W-1.5'	419100-034	AOC1-W-B1E-0.5'	419100-060	AOC1-W-B7S-2.5'
419100-009	AOC1-E-B37W-2.5'	419100-035	AOC1-W-B1E-1.5'	419100-061	AOC1-W-B7W-0.5'
419100-010	AOC1-E-B38N-0.5'	419100-036	AOC1-W-B1E-2.5'	419100-062	AOC1-W-B7W-1.5'
419100-011	AOC1-E-B38N-1.5'	419100-037	AOC1-W-B2N-0.5'	419100-063	AOC1-W-B7W-2.5'
419100-012	AOC1-E-B38N-2.5'	419100-038	AOC1-W-B2N-1.5'	419100-064	AOC1-W-B13W-0.5'
419100-013	AOC1-E-B38E-0.5'	419100-039	AOC1-W-B2N-2.5'	419100-065	AOC1-W-B13W-1.5'
419100-014	AOC1-E-B38E-1.5'	419100-040	AOC1-W-B2W-0.5'	419100-066	AOC1-W-B13W-2.5'
419100-015	AOC1-E-B38E-2.5'	419100-041	AOC1-W-B2W-1.5'	419100-067	AOC1-W-B13S-0.5'
419100-016	AOC1-E-B38S-0.5'	419100-042	AOC1-W-B2W-2.5'	419100-068	AOC1-W-B13S-1.5'
419100-017	AOC1-E-B38S-1.5'	419100-043	AOC1-W-B2E-0.5'	419100-069	AOC1-W-B13S-2.5'
419100-018	AOC1-E-B38S-2.5'	419100-044	AOC1-W-B2E-1.5'	419100-070	AOC1-W-B13N-0.5'
419100-019	AOC1-E-B39E-0.5'	419100-045	AOC1-W-B2E-2.5'	419100-071	AOC1-W-B13N-1.5'
419100-020	AOC1-E-B39E-1.5'	419100-046	AOC1-W-B6E-0.5'	419100-072	AOC1-W-B13N-2.5'
419100-021	AOC1-E-B39E-2.5'	419100-047	AOC1-W-B6E-1.5'	419100-073	AOC1-W-B22E-0.5'
419100-022	AOC1-E-B39N-0.5'	419100-048	AOC1-W-B6E-2.5'	419100-074	AOC1-W-B22E-1.5'
419100-023	AOC1-E-B39N-1.5'	419100-049	AOC1-W-B6S-0.5'	419100-075	AOC1-W-B22E-2.5'
419100-024	AOC1-E-B39N-2.5'	419100-050	AOC1-W-B6S-1.5'	419100-076	AOC1-W-B22N-0.5'
419100-025	AOC1-E-B39S-0.5'	419100-051	AOC1-W-B6S-2.5'	419100-077	AOC1-W-B22N-1.5'
419100-026	AOC1-E-B39S-1.5'	419100-052	AOC1-W-B6W-0.5'	419100-078	AOC1-W-B22N-2.5'

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Ranjit K. K. Clarke

Report Review performed by: Ranjit Clarke, Project Manager

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	Ninyo & Moore
Address:	475 Goddard Suite 200 Irvine, CA 92618
Attn:	Patrick Cullip
Comments:	Compton High School PEA #210886002 601 South Acacia Ave, Compton, CA 90220

Lab Request:	419100
Report Date:	12/23/2019
Date Received:	09/05/2019
Client ID:	15461

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
419100-079	AOC1-W-B22W-0.5'
419100-080	AOC1-W-B22W-1.5'
419100-081	AOC1-W-B22W-2.5'
419100-082	DUP-37
419100-083	DUP-38
419100-084	DUP-39
419100-085	DUP-40
419100-086	DUP-41
419100-087	EB-090519

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:03 **Site:**
Sample #: 419100-001 **Client Sample #:** AOC1-E-B37E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206355		
Lead	**37.0**	1	0.84	1	mg/Kg	09/06/19	09/09/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:04 **Site:**
Sample #: 419100-002 **Client Sample #:** AOC1-E-B37E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:05 **Site:**
Sample #: 419100-003 **Client Sample #:** AOC1-E-B37E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:18 **Site:**
Sample #: 419100-004 **Client Sample #:** AOC1-E-B37N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**54.6**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:21 **Site:**
Sample #: 419100-005 **Client Sample #:** AOC1-E-B37N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:22 **Site:**
Sample #: 419100-006 **Client Sample #:** AOC1-E-B37N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:09 **Site:**
Sample #: 419100-007 **Client Sample #:** AOC1-E-B37W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**63.7**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:13 **Site:**
Sample #: 419100-008 **Client Sample #:** AOC1-E-B37W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:14 **Site:**
Sample #: 419100-009 **Client Sample #:** AOC1-E-B37W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:48 **Site:**
Sample #: 419100-010 **Client Sample #:** AOC1-E-B38N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**66.9**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:53 **Site:**
Sample #: 419100-011 **Client Sample #:** AOC1-E-B38N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:55 **Site:**
Sample #: 419100-012 **Client Sample #:** AOC1-E-B38N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:42 **Site:**
Sample #: 419100-013 **Client Sample #:** AOC1-E-B38E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**16.8**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:43 **Site:**
Sample #: 419100-014 **Client Sample #:** AOC1-E-B38E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:44 **Site:**
Sample #: 419100-015 **Client Sample #:** AOC1-E-B38E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:37 **Site:**
Sample #: 419100-016 **Client Sample #:** AOC1-E-B38S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**45.8**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:38 **Site:**
Sample #: **419100-017** **Client Sample #:** AOC1-E-B38S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:39 **Site:**
Sample #: **419100-018** **Client Sample #:** AOC1-E-B38S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:27 **Site:**
Sample #: **419100-019** **Client Sample #:** AOC1-E-B39E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**205**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:29 **Site:**
Sample #: **419100-020** **Client Sample #:** AOC1-E-B39E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209325		
Lead	ND	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:30 **Site:**
Sample #: **419100-021** **Client Sample #:** AOC1-E-B39E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:22 **Site:**
Sample #: **419100-022** **Client Sample #:** AOC1-E-B39N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**81.2**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:24 **Site:**
Sample #: **419100-023** **Client Sample #:** AOC1-E-B39N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209325		
Lead	ND	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:25 **Site:**
Sample #: **419100-024** **Client Sample #:** AOC1-E-B39N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:17 **Site:**
Sample #: **419100-025** **Client Sample #:** AOC1-E-B39S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1206356		
Lead	**296**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:19 **Site:**
Sample #: **419100-026** **Client Sample #:** AOC1-E-B39S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1209325		
Lead	ND	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 08:20 **Site:**
Sample #: **419100-027** **Client Sample #:** AOC1-E-B39S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:36 **Site:**
Sample #: **419100-028** **Client Sample #:** AOC1-W-B1N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1206356		
Lead	**29.2**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:38 **Site:**
Sample #: **419100-029** **Client Sample #:** AOC1-W-B1N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:39 **Site:**
Sample #: **419100-030** **Client Sample #:** AOC1-W-B1N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:28 **Site:**
Sample #: **419100-031** **Client Sample #:** AOC1-W-B1W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC* Prep Method: EPA 3050B							QCBatchID: QC1206356		
Lead	**35.8**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:30 **Site:**
Sample #: **419100-032** **Client Sample #:** AOC1-W-B1W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: Prep Method:							QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:32 **Site:**
Sample #: 419100-033 **Client Sample #:** AOC1-W-B1W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:20 **Site:**
Sample #: 419100-034 **Client Sample #:** AOC1-W-B1E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**63.3**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:23 **Site:**
Sample #: 419100-035 **Client Sample #:** AOC1-W-B1E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:24 **Site:**
Sample #: 419100-036 **Client Sample #:** AOC1-W-B1E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:08 **Site:**
Sample #: 419100-037 **Client Sample #:** AOC1-W-B2N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**8.30**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:10 **Site:**
Sample #: 419100-038 **Client Sample #:** AOC1-W-B2N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:11 **Site:**
Sample #: 419100-039 **Client Sample #:** AOC1-W-B2N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:01 **Site:**
Sample #: 419100-040 **Client Sample #:** AOC1-W-B2W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**9.01**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:03 **Site:**
Sample #: **419100-041** **Client Sample #:** AOC1-W-B2W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:04 **Site:**
Sample #: **419100-042** **Client Sample #:** AOC1-W-B2W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:54 **Site:**
Sample #: **419100-043** **Client Sample #:** AOC1-W-B2E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**18.2**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:55 **Site:**
Sample #: **419100-044** **Client Sample #:** AOC1-W-B2E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 09:57 **Site:**
Sample #: **419100-045** **Client Sample #:** AOC1-W-B2E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:11 **Site:**
Sample #: **419100-046** **Client Sample #:** AOC1-W-B6E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**250**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:13 **Site:**
Sample #: **419100-047** **Client Sample #:** AOC1-W-B6E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209325		
Lead	**2.32**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:15 **Site:**
Sample #: **419100-048** **Client Sample #:** AOC1-W-B6E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:05 **Site:**
Sample #: **419100-049** **Client Sample #:** AOC1-W-B6S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**12.2**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:07 **Site:**
Sample #: **419100-050** **Client Sample #:** AOC1-W-B6S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:09 **Site:**
Sample #: **419100-051** **Client Sample #:** AOC1-W-B6S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 10:58 **Site:**
Sample #: **419100-052** **Client Sample #:** AOC1-W-B6W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**236**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:00 **Site:**
Sample #: **419100-053** **Client Sample #:** AOC1-W-B6W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209325		
Lead	**2.98**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:01 **Site:**
Sample #: **419100-054** **Client Sample #:** AOC1-W-B6W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:35 **Site:**
Sample #: **419100-055** **Client Sample #:** AOC1-W-B7E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**337**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:37 **Site:**
Sample #: **419100-056** **Client Sample #:** AOC1-W-B7E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209325		
Lead	**1.18**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:38 **Site:**
Sample #: 419100-057 **Client Sample #:** AOC1-W-B7E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:29 **Site:**
Sample #: 419100-058 **Client Sample #:** AOC1-W-B7S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**52.8**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:31 **Site:**
Sample #: 419100-059 **Client Sample #:** AOC1-W-B7S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:32 **Site:**
Sample #: 419100-060 **Client Sample #:** AOC1-W-B7S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:21 **Site:**
Sample #: 419100-061 **Client Sample #:** AOC1-W-B7W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206356		
Lead	**86.1**	1	0.84	1	mg/Kg	09/06/19	09/10/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:22 **Site:**
Sample #: 419100-062 **Client Sample #:** AOC1-W-B7W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1209325		
Lead	**1.40**	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 11:23 **Site:**
Sample #: 419100-063 **Client Sample #:** AOC1-W-B7W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:20 **Site:**
Sample #: 419100-064 **Client Sample #:** AOC1-W-B13W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206357		
Lead	**44.1**	1	0.84	1	mg/Kg	09/06/19	09/09/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:22 **Site:**
Sample #: 419100-065 **Client Sample #:** AOC1-W-B13W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:24 **Site:**
Sample #: 419100-066 **Client Sample #:** AOC1-W-B13W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:12 **Site:**
Sample #: 419100-067 **Client Sample #:** AOC1-W-B13S-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1206357
Lead	**42.6**	1	0.84	1	mg/Kg	09/06/19	09/09/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:14 **Site:**
Sample #: 419100-068 **Client Sample #:** AOC1-W-B13S-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:16 **Site:**
Sample #: 419100-069 **Client Sample #:** AOC1-W-B13S-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:05 **Site:**
Sample #: 419100-070 **Client Sample #:** AOC1-W-B13N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID:		QC1206357
Lead	**52.6**	1	0.84	1	mg/Kg	09/06/19	09/09/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:06 **Site:**
Sample #: 419100-071 **Client Sample #:** AOC1-W-B13N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:09 **Site:**
Sample #: 419100-072 **Client Sample #:** AOC1-W-B13N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:51 **Site:**
Sample #: **419100-073** **Client Sample #:** AOC1-W-B22E-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206357		
Lead	**64.3**	1	0.84	1	mg/Kg	09/06/19	09/09/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:53 **Site:**
Sample #: **419100-074** **Client Sample #:** AOC1-W-B22E-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:55 **Site:**
Sample #: **419100-075** **Client Sample #:** AOC1-W-B22E-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:44 **Site:**
Sample #: **419100-076** **Client Sample #:** AOC1-W-B22N-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206357		
Lead	**28.4**	1	0.84	1	mg/Kg	09/06/19	09/09/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:46 **Site:**
Sample #: **419100-077** **Client Sample #:** AOC1-W-B22N-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:48 **Site:**
Sample #: **419100-078** **Client Sample #:** AOC1-W-B22N-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:37 **Site:**
Sample #: **419100-079** **Client Sample #:** AOC1-W-B22W-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206357		
Lead	**33.4**	1	0.84	1	mg/Kg	09/06/19	09/09/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:38 **Site:**
Sample #: 419100-080 **Client Sample #:** AOC1-W-B22W-1.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1212645		
Lead	**8.96**	1	0.84	1	mg/Kg		12/18/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 13:40 **Site:**
Sample #: 419100-081 **Client Sample #:** AOC1-W-B22W-2.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method:	Prep Method:						QCBatchID:		
N/A	**N/A**	1							

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 **Site:**
Sample #: 419100-082 **Client Sample #:** DUP-37 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206357		
Lead	**102**	1	0.84	1	mg/Kg	09/06/19	09/09/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 **Site:**
Sample #: 419100-083 **Client Sample #:** DUP-38 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206483		
Lead	**62.1**	1	0.84	1	mg/Kg		09/12/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 **Site:**
Sample #: 419100-084 **Client Sample #:** DUP-39 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206483		
Lead	**125**	1	0.84	1	mg/Kg		09/12/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 **Site:**
Sample #: 419100-085 **Client Sample #:** DUP-40 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206357		
Lead	**64.5**	1	0.84	1	mg/Kg	09/06/19	09/09/19	SBW	

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 09/05/2019 **Site:**
Sample #: 419100-086 **Client Sample #:** DUP-41 **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3050B						QCBatchID: QC1206483		
Lead	**102**	1	0.84	1	mg/Kg		09/12/19	SBW	

Matrix:	Water	**Client:**	Ninyo & Moore	**Collector:**	Client
Sampled:	09/05/2019	**Site:**			
Sample #:	**419100-087**	**Client Sample #:**	EB-090519	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA 6010B *NELAC*	Prep Method: EPA 3010A						QCBatchID: QC1206381		
Lead	ND	1	0.005	0.01	mg/L		09/10/19	SBW	

QCBatchID: QC1206355 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 09/06/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206355MB1					
Antimony	ND	mg/Kg	1.6	3	
Arsenic	ND	mg/Kg	0.67	1	
Barium	ND	mg/Kg	0.11	1	
Beryllium	ND	mg/Kg	0.067	0.5	
Cadmium	ND	mg/Kg	0.094	0.5	
Chromium	ND	mg/Kg	0.096	1	
Cobalt	ND	mg/Kg	0.086	0.5	
Copper	ND	mg/Kg	0.42	1	
Lead	ND	mg/Kg	0.84	1	
Molybdenum	ND	mg/Kg	0.59	1	
Nickel	ND	mg/Kg	0.26	1.5	
Selenium	ND	mg/Kg	1.8	3	
Silver	ND	mg/Kg	0.16	0.5	
Thallium	ND	mg/Kg	1.1	3	
Vanadium	ND	mg/Kg	0.26	0.5	
Zinc	ND	mg/Kg	0.75	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206355LCS1											
Antimony	100		110		mg/Kg	110			80-120		
Arsenic	100		97.6		mg/Kg	98			80-120		
Barium	100		102		mg/Kg	102			80-120		
Beryllium	100		100		mg/Kg	100			80-120		
Cadmium	100		109		mg/Kg	109			80-120		
Chromium	100		112		mg/Kg	112			80-120		
Cobalt	100		107		mg/Kg	107			80-120		
Copper	100		97.3		mg/Kg	97			80-120		
Lead	100		107		mg/Kg	107			80-120		
Molybdenum	100		113		mg/Kg	113			80-120		
Nickel	100		107		mg/Kg	107			80-120		
Selenium	100		101		mg/Kg	101			80-120		
Silver	100		94.4		mg/Kg	94			80-120		
Thallium	100		102		mg/Kg	102			80-120		
Vanadium	100		108		mg/Kg	108			80-120		
Zinc	100		103		mg/Kg	103			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206355MS1, QC1206355MSD1												**Source: 419080-003**
Antimony	ND	100	100	39.6	40.4	mg/Kg	40	40	2.0	75-125	20	M
Arsenic	2.25	100	100	96.9	97.2	mg/Kg	95	95	0.3	75-125	20	
Barium	19.8	100	100	121	122	mg/Kg	101	102	0.8	75-125	20	
Beryllium	ND	100	100	98.9	96.2	mg/Kg	99	96	2.8	75-125	20	
Cadmium	0.63	100	100	102	103	mg/Kg	101	102	1.0	75-125	20	
Chromium	8.93	100	100	116	118	mg/Kg	107	109	1.7	75-125	20	
Cobalt	2.71	100	100	102	104	mg/Kg	99	101	1.9	75-125	20	
Copper	4.31	100	100	104	104	mg/Kg	100	100	0.0	75-125	20	
Lead	2.23	100	100	106	106	mg/Kg	104	104	0.0	75-125	20	
Molybdenum	0.88	100	100	109	108	mg/Kg	108	107	0.9	75-125	20	

QCBatchID: QC1206355 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 09/06/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206355MS1, QC1206355MSD1												**Source: 419080-003**
Nickel	4.04	100	100	107	107	mg/Kg	103	103	0.0	75-125	20	
Selenium	ND	100	100	98.1	93.9	mg/Kg	98	94	4.4	75-125	20	
Silver	ND	100	100	88.6	93.0	mg/Kg	89	93	4.8	75-125	20	
Thallium	5.13	100	100	102	103	mg/Kg	97	98	1.0	75-125	20	
Vanadium	15.1	100	100	116	121	mg/Kg	101	106	4.2	75-125	20	
Zinc	13.1	100	100	107	110	mg/Kg	94	97	2.8	75-125	20	

QCBatchID: QC1206356	**Analyst:** JParedes	**Method:** EPA 6010B			
Matrix: Solid	**Analyzed:** 09/06/2019	**Instrument:** AAICP (group)			

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206356MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206356LCS1											
Lead	100		107		mg/Kg	107			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206356MS1, QC1206356MSD1												**Source: 419100-061**
Lead	86.1	100	100	192	205	mg/Kg	106	119	6.5	75-125	20	

QCBatchID: QC1206357 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 09/06/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206357MB1					
Antimony	ND	mg/Kg	1.6	3	
Arsenic	ND	mg/Kg	0.67	1	
Barium	**0.14 J**	mg/Kg	0.11	1	
Beryllium	ND	mg/Kg	0.067	0.5	
Cadmium	ND	mg/Kg	0.094	0.5	
Chromium	ND	mg/Kg	0.096	1	
Cobalt	ND	mg/Kg	0.086	0.5	
Copper	ND	mg/Kg	0.42	1	
Lead	ND	mg/Kg	0.84	1	
Molybdenum	ND	mg/Kg	0.59	1	
Nickel	ND	mg/Kg	0.26	1.5	
Selenium	ND	mg/Kg	1.8	3	
Silver	ND	mg/Kg	0.16	0.5	
Thallium	**1.65 J**	mg/Kg	1.1	3	
Vanadium	ND	mg/Kg	0.26	0.5	
Zinc	ND	mg/Kg	0.75	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206357LCS1											
Antimony	100		110		mg/Kg	110			80-120		
Arsenic	100		98.2		mg/Kg	98			80-120		
Barium	100		100		mg/Kg	100			80-120		
Beryllium	100		104		mg/Kg	104			80-120		
Cadmium	100		101		mg/Kg	101			80-120		
Chromium	100		110		mg/Kg	110			80-120		
Cobalt	100		107		mg/Kg	107			80-120		
Copper	100		95.3		mg/Kg	95			80-120		
Lead	100		108		mg/Kg	108			80-120		
Molybdenum	100		115		mg/Kg	115			80-120		
Nickel	100		108		mg/Kg	108			80-120		
Selenium	100		99.2		mg/Kg	99			80-120		
Silver	100		93.4		mg/Kg	93			80-120		
Thallium	100		106		mg/Kg	106			80-120		
Vanadium	100		104		mg/Kg	104			80-120		
Zinc	100		100		mg/Kg	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206357MS1, QC1206357MSD1												**Source: 419100-064**
Antimony	ND	100	100	24.6	22.0	mg/Kg	25	22	11.2	75-125	20	M
Arsenic	3.22	100	100	97.1	90.9	mg/Kg	94	88	6.6	75-125	20	
Barium	162	100	100	254	246	mg/Kg	92	84	3.2	75-125	20	
Beryllium	ND	100	100	93.6	92.0	mg/Kg	94	92	1.7	75-125	20	
Cadmium	0.93	100	100	95.1	95.1	mg/Kg	94	94	2.0	75-125	20	
Chromium	26.8	100	100	126	120	mg/Kg	99	93	4.9	75-125	20	
Cobalt	14.0	100	100	108	104	mg/Kg	94	90	3.8	75-125	20	
Copper	35.6	100	100	134	131	mg/Kg	98	95	2.3	75-125	20	
Lead	44.1	100	100	152	143	mg/Kg	108	99	6.1	75-125	20	
Molybdenum	ND	100	100	101	92.8	mg/Kg	101	93	8.5	75-125	20	

QCBatchID: QC1206357 **Analyst:** JParedes **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 09/06/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206357MS1, QC1206357MSD1												**Source: 419100-064**
Nickel	19.2	100	100	117	108	mg/Kg	98	89	8.0	75-125	20	
Selenium	ND	100	100	95.8	87.5	mg/Kg	96	88	9.1	75-125	20	
Silver	ND	100	100	83.4	78.9	mg/Kg	83	79	5.5	75-125	20	
Thallium	3.45	100	100	95.5	89.4	mg/Kg	92	86	6.6	75-125	20	
Vanadium	47.0	100	100	146	141	mg/Kg	99	94	3.5	75-125	20	
Zinc	213	100	100	319	315	mg/Kg	106	102	1.3	75-125	20	

QCBatchID: QC1206381 **Analyst:** kedy **Method:** EPA 6010B

Matrix: Water **Analyzed:** 09/08/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206381MB1					
Antimony	ND	mg/L	0.014	0.04	
Arsenic	ND	mg/L	0.008	0.01	
Barium	ND	mg/L	0.002	0.01	
Beryllium	ND	mg/L	0.001	0.005	
Cadmium	ND	mg/L	0.002	0.005	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.002	0.005	
Copper	ND	mg/L	0.001	0.01	
Lead	ND	mg/L	0.005	0.01	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	ND	mg/L	0.003	0.02	
Selenium	ND	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Thallium	ND	mg/L	0.009	0.05	
Vanadium	ND	mg/L	0.002	0.005	
Zinc	ND	mg/L	0.017	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206381LCS1											
Antimony	4		3.85		mg/L	96			80-120		
Arsenic	4		3.81		mg/L	95			80-120		
Barium	4		3.98		mg/L	100			80-120		
Beryllium	4		3.75		mg/L	94			80-120		
Cadmium	4		3.85		mg/L	96			80-120		
Chromium	4		4.18		mg/L	105			80-120		
Cobalt	4		3.94		mg/L	99			80-120		
Copper	4		3.75		mg/L	94			80-120		
Lead	4		3.88		mg/L	97			80-120		
Molybdenum	4		4.06		mg/L	102			80-120		
Nickel	4		3.75		mg/L	94			80-120		
Selenium	4		3.74		mg/L	94			80-120		
Silver	4		3.25		mg/L	81			80-120		
Thallium	4		4.03		mg/L	101			80-120		
Vanadium	4		3.78		mg/L	95			80-120		
Zinc	4		3.72		mg/L	93			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206381MS1, QC1206381MSD1												**Source: 419163-018**
Antimony	ND	4	4	4.48	4.20	mg/L	112	105	6.5	75-125	20	
Arsenic	ND	4	4	4.48	4.20	mg/L	112	105	6.5	75-125	20	
Barium	ND	4	4	3.98	3.61	mg/L	100	90	9.7	75-125	20	
Beryllium	ND	4	4	4.48	4.05	mg/L	112	101	10.1	75-125	20	
Cadmium	ND	4	4	4.56	4.33	mg/L	114	108	5.2	75-125	20	
Chromium	0.004	4	4	4.91	4.72	mg/L	123	118	3.9	75-125	20	
Cobalt	ND	4	4	4.06	3.90	mg/L	102	98	4.0	75-125	20	
Copper	ND	4	4	4.49	4.07	mg/L	112	102	9.8	75-125	20	
Lead	ND	4	4	4.42	4.22	mg/L	111	106	4.6	75-125	20	
Molybdenum	ND	4	4	4.66	4.44	mg/L	117	111	4.8	75-125	20	

QCBatchID: QC1206381 **Analyst:** kedy **Method:** EPA 6010B

Matrix: Water **Analyzed:** 09/08/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206381MS1, QC1206381MSD1												**Source: 419163-018**
Nickel	ND	4	4	3.91	3.72	mg/L	98	93	5.0	75-125	20	
Selenium	ND	4	4	4.44	4.12	mg/L	111	103	7.5	75-125	20	
Silver	ND	4	4	3.90	3.50	mg/L	98	88	10.8	75-125	20	
Thallium	ND	4	4	4.54	4.29	mg/L	114	107	5.7	75-125	20	
Vanadium	ND	4	4	4.62	4.14	mg/L	116	104	11.0	75-125	20	
Zinc	0.120	4	4	4.20	4.08	mg/L	102	99	2.9	75-125	20	

QCBatchID: QC1206483 **Analyst:** kedy **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 09/11/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206483MB1					
Antimony	ND	mg/Kg	1.6	3	
Arsenic	ND	mg/Kg	0.67	1	
Barium	**0.31 J**	mg/Kg	0.11	1	
Beryllium	**0.15 J**	mg/Kg	0.067	0.5	
Cadmium	ND	mg/Kg	0.094	0.5	
Chromium	**0.24 J**	mg/Kg	0.096	1	
Cobalt	**0.09 J**	mg/Kg	0.086	0.5	
Copper	ND	mg/Kg	0.42	1	
Lead	ND	mg/Kg	0.84	1	
Molybdenum	**0.63 J**	mg/Kg	0.59	1	
Nickel	**0.36 J**	mg/Kg	0.26	1.5	
Selenium	ND	mg/Kg	1.8	3	
Silver	**0.23 J**	mg/Kg	0.16	0.5	
Thallium	**2.72 J**	mg/Kg	1.1	3	
Vanadium	ND	mg/Kg	0.26	0.5	
Zinc	ND	mg/Kg	0.75	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206483LCS1											
Antimony	100		95.4		mg/Kg	95			80-120		
Arsenic	100		90.4		mg/Kg	90			80-120		
Barium	100		98.7		mg/Kg	99			80-120		
Beryllium	100		91.3		mg/Kg	91			80-120		
Cadmium	100		95.9		mg/Kg	96			80-120		
Chromium	100		99.3		mg/Kg	99			80-120		
Cobalt	100		95.7		mg/Kg	96			80-120		
Copper	100		112		mg/Kg	112			80-120		
Lead	100		94.5		mg/Kg	95			80-120		
Molybdenum	100		98.6		mg/Kg	99			80-120		
Nickel	100		93.8		mg/Kg	94			80-120		
Selenium	100		87.5		mg/Kg	88			80-120		
Silver	100		103		mg/Kg	103			80-120		
Thallium	100		90.5		mg/Kg	91			80-120		
Vanadium	100		98.2		mg/Kg	98			80-120		
Zinc	100		101		mg/Kg	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206483MS1, QC1206483MSD1												**Source: 419160-034**
Antimony	ND	100	100	22.2	22.8	mg/Kg	22	23	2.7	75-125	20	M
Arsenic	16.2	100	100	62.1	89.0	mg/Kg	46	73	35.6	75-125	20	M,D
Barium	143	100	100	150	231	mg/Kg	7	88	42.5	75-125	20	M,D
Beryllium	ND	100	100	53.8	80.3	mg/Kg	54	80	39.5	75-125	20	M,D
Cadmium	0.81	100	100	57.0	88.1	mg/Kg	56	87	42.9	75-125	20	M,D
Chromium	22.4	100	100	71.2	112	mg/Kg	49	90	44.5	75-125	20	M,D
Cobalt	12.2	100	100	62.3	98.3	mg/Kg	50	86	44.8	75-125	20	M,D
Copper	30.4	100	100	87.9	110	mg/Kg	58	80	22.3	75-125	20	M,D
Lead	30.3	100	100	83.1	117	mg/Kg	53	87	33.9	75-125	20	M,D
Molybdenum	ND	100	100	57.6	85.7	mg/Kg	58	86	39.2	75-125	20	M,D

QCBatchID: QC1206483	**Analyst:** kedy	**Method:** EPA 6010B	
Matrix: Solid	**Analyzed:** 09/11/2019	**Instrument:** AAICP (group)	

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1206483MS1, QC1206483MSD1												**Source: 419160-034**
Nickel	14.9	100	100	61.3	94.4	mg/Kg	46	80	42.5	75-125	20	M,D
Selenium	ND	100	100	53.4	79.4	mg/Kg	53	79	39.2	75-125	20	M,D
Silver	ND	100	100	63.7	77.3	mg/Kg	64	77	19.3	75-125	20	M
Thallium	ND	100	100	49.0	81.0	mg/Kg	49	81	49.2	75-125	20	M,D
Vanadium	42.2	100	100	86.7	134	mg/Kg	45	92	42.9	75-125	20	M,D
Zinc	122	100	100	145	185	mg/Kg	23	63	24.2	75-125	20	M,D

QCBatchID: QC1209325	**Analyst:** dswafford	**Method:** EPA 6010B			
Matrix: Solid	**Analyzed:** 11/27/2019	**Instrument:** AAICP (group)			

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209325MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1209325LCS1											
Lead	100		98.4		mg/Kg	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1209325MS1, QC1209325MSD1												**Source: 419100-020**
Lead	ND	100	100	89.0	90.4	mg/Kg	89	90	1.6	75-125	20	

QCBatchID: QC1212645 **Analyst:** rvenegas **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 12/17/2019 **Instrument:** AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212645MB1					
Antimony	ND	mg/Kg	1.6	3	
Arsenic	ND	mg/Kg	0.67	1	
Barium	ND	mg/Kg	0.11	1	
Beryllium	ND	mg/Kg	0.067	0.5	
Cadmium	**0.10 J**	mg/Kg	0.094	0.5	
Chromium	ND	mg/Kg	0.096	1	
Cobalt	ND	mg/Kg	0.086	0.5	
Copper	ND	mg/Kg	0.42	1	
Lead	ND	mg/Kg	0.84	1	
Molybdenum	ND	mg/Kg	0.59	1	
Nickel	**0.33 J**	mg/Kg	0.26	1.5	
Selenium	ND	mg/Kg	1.8	3	
Silver	**0.18 J**	mg/Kg	0.16	0.5	
Thallium	**1.13 J**	mg/Kg	1.1	3	
Vanadium	ND	mg/Kg	0.26	0.5	
Zinc	**2.39 J**	mg/Kg	0.75	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount LCS	Spike Amount LCSD	Spike Result LCS	Spike Result LCSD	Units	Recoveries LCS	Recoveries LCSD	RPD	Limits %Rec	Limits RPD	Notes
QC1212645LCS1											
Antimony	100		102		mg/Kg	102			80-120		
Arsenic	100		98.7		mg/Kg	99			80-120		
Barium	100		102		mg/Kg	102			80-120		
Beryllium	100		91.5		mg/Kg	92			80-120		
Cadmium	100		99.2		mg/Kg	99			80-120		
Chromium	100		96.4		mg/Kg	96			80-120		
Cobalt	100		103		mg/Kg	103			80-120		
Copper	100		97.6		mg/Kg	98			80-120		
Lead	100		106		mg/Kg	106			80-120		
Molybdenum	100		106		mg/Kg	106			80-120		
Nickel	100		106		mg/Kg	106			80-120		
Selenium	100		90.5		mg/Kg	91			80-120		
Silver	100		88.1		mg/Kg	88			80-120		
Thallium	100		104		mg/Kg	104			80-120		
Vanadium	100		104		mg/Kg	104			80-120		
Zinc	100		106		mg/Kg	106			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1212645MS1, QC1212645MSD1												**Source: 419100-080**
Antimony	ND	100	100	30.3	30.7	mg/Kg	30	31	1.3	75-125	20	M
Arsenic	4.32	100	100	94.9	94.8	mg/Kg	91	90	0.1	75-125	20	
Barium	168	100	100	271	253	mg/Kg	103	85	6.9	75-125	20	
Beryllium	ND	100	100	88.4	91.0	mg/Kg	88	91	2.9	75-125	20	
Cadmium	1.03	100	100	97.0	93.9	mg/Kg	96	93	3.2	75-125	20	
Chromium	23.4	100	100	114	109	mg/Kg	91	86	4.5	75-125	20	
Cobalt	13.7	100	100	111	107	mg/Kg	97	93	3.7	75-125	20	
Copper	29.9	100	100	121	116	mg/Kg	91	86	4.2	75-125	20	
Lead	8.96	100	100	105	102	mg/Kg	96	93	2.9	75-125	20	
Molybdenum	ND	100	100	93.7	91.6	mg/Kg	94	92	2.3	75-125	20	

QCBatchID: QC1212645 **Analyst:** rvenegas **Method:** EPA 6010B

Matrix: Solid **Analyzed:** 12/17/2019 **Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount MS	Spike Amount MSD	Spike Result MS	Spike Result MSD	Units	Recoveries MS	Recoveries MSD	RPD	Limits %Rec	Limits RPD	Notes
QC1212645MS1, QC1212645MSD1												**Source: 419100-080**
Nickel	18.0	100	100	112	107	mg/Kg	94	89	4.6	75-125	20	
Selenium	ND	100	100	82.2	79.4	mg/Kg	82	79	3.5	75-125	20	
Silver	ND	100	100	85.2	92.8	mg/Kg	85	93	8.5	75-125	20	
Thallium	3.24	100	100	91.3	89.4	mg/Kg	88	86	2.1	75-125	20	
Vanadium	52.0	100	100	155	147	mg/Kg	103	95	5.3	75-125	20	
Zinc	77.3	100	100	180	182	mg/Kg	103	105	1.1	75-125	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419100

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Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD	Test Instructions / Comments
1	AOC1-E-B37E-0.5'	9/5/19	0903	SOIL	8oz jar	ICE	X		Please cc results to khill@ninyoandmoore.com
2	AOC1-E-B37E-1.5'		0904					X	
3	AOC1-E-B37E-2.5'		0905					X	
4	AOC1-E-B37N-0.5'		0918				X		
5	AOC1-E-B37N-1.5'		0921					X	
6	AOC1-E-B37N-2.5'		0922					X	
7	AOC1-E-B37W-0.5'		0909				X		
8	AOC1-E-B37W-1.5'		0913					X	
9	AOC1-E-B37W-2.5'		0914					X	
10	AOC1-E-B38N-0.5'		0848				X		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	9/5/19 1547
[1] Received By:		Beni Salgado	E.A	9.5.19 1547
[2] Relinquished By:		Beni Salgado	Enthalpy Analytical	9.5.19 1730
[2] Received By:		Christine Castro	Ett	9/5/19 1729
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419100

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Turn Around Time (rush by advanced notice only)

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Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD	Test Instructions / Comments
1	AOC1-E-B38N-1.5'	9/5/19	0853	SOIL	8oz jar	ICE		X	Please cc results to khill@ninyoandmoore.com
2	AOC1-E-B38N-2.5'		0855					X	
3	AOC1-E-B38E-0.5'		0842				X		
4	AOC1-E-B38E-1.5'		0843					X	
5	AOC1-E-B38E-2.5'		0844					X	
6	AOC1-E-B38S-0.5'		0837				X		
7	AOC1-E-B38S-1.5'		0838					X	
8	AOC1-E-B38S-2.5'		0839					X	
9	AOC1-E-B39E-0.5'		0827				X		
10	AOC1-E-B39E-1.5'		0829					X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		KMH 9/5/19 Kristina Hill	N&M Geologist	9/5/19 1547
[1] Received By:		Ben Salgado	E.A.	9.5.19 1547
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.5.19 1729
[2] Received By:		Christine Castro	EA	9/5/19 1729
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419100

Page: 3 of 9

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

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Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOC1-E-B39E-2.5'	9/5/19	0830	SOIL	8oz jar	ICE		X
2	AOC1-E-B39N-0.5'		0822				X	
3	AOC1-E-B39N-1.5'		0824					X
4	AOC1-E-B39N-2.5'		0825					X
5	AOC1-E-B39S-0.5'		0817				X	
6	AOC1-E-B39S-~~0.5~~1.5'		0819					X
7	AOC1-E-B39S-2.5' KMH 9/5/19		0820					X
8	AOC1-W-BIN-0.5'		1036				X	
9	AOC1-W-BIN-1.5'		1038					X
10	AOC1-W-BIN-2.5'		1039					X

Test Instructions / Comments

Please cc results to khill@ninyoandmoore.com

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	NAM Geologist	9/5/19 1547
[1] Received By:		Ben Salgado	E.A.	9.5.19-1547
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.5.19 1729
[2] Received By:		Christine Castro	EA	9/5/19 1729
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419100

Page: 4 of 5

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010 B)	Analysis Request: HOLD
1	AOC1-W-B1W-0.5'	9/5/19	1028	SOIL	8oz jar	ICE	X	
2	AOC1-W-B1W-1.5'		1030					X
3	AOC1-W-B1W-2.5'		1032					X
4	AOC1-W-B1E-0.5'		1020				X	
5	AOC1-W-B1E-1.5'		1023					X
6	AOC1-W-B1E-2.5'		1024					X
7	AOC1-W-B2N-0.5'		1008				X	
8	AOC1-W-B2N-1.5'		1010					X
9	AOC1-W-B2N-2.5'		1011					X
10	AOC1-W-B2W-0.5'		1001				X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	9/5/19 1547
[1] Received By:		Ben Salgado	E-A	9.5.19 1547
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.5.19 1729
[2] Received By:		Christine Castro	EA	9/5/19 1729
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419100

Page: 5 of 9

Turn Around Time (rush by advanced notice only)

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Sample Receipt Temp: (lab use only)

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Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOC1-W-BZW-1.5'	9/5/19	1003	SOIL	8oz jar	ICE		X
2	AOC1-W-BZW-2.5'		1004					X
3	AOC1-W-BZE-0.5'		0954				X	
4	AOC1-W-BZE-1.5'		0955					X
5	AOC1-W-BZE-2.5'		0957					X
6	AOC1-W-B6E-0.5'		1111				X	
7	AOC1-W-B6E-1.5'		1113					X
8	AOC1-W-B6E-2.5'		1115					X
9	AOC1-W-B6S-0.5'		1105				X	
10	AOC1-W-B6S-1.5'		1107					X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	9/5/19 1547
[1] Received By:		Ben Salgado	E.A.	9.5.19 1547
[2] Relinquished By:		Ben Salgado	Enthalpy Analytical	9.5.19 1729
[2] Received By:		Christine Curtis	EA	9/5/19 1729
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419100

Page: 6 of 9

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

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931 W. Barkley Avenue, Orange, CA 92868

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Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

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	Irvine, CA 92618		Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Test Instructions / Comments: Please cc results to khill@ninyoandmoore.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: LEAD (6010B)	Analysis Request: HOLD
1	AOC1-W-B6S-2.5'	9/5/19	1109	SOIL	8oz jar	ICE		X
2	AOC1-W-B6W-0.5'		1058				X	
3	AOC1-W-B6W-1.5'		1100					X
4	AOC1-W-B6W-2.5'		1101					X
5	AOC1-W-B7E-0.5'		1135				X	
6	AOC1-W-B7E-1.5'		1137					X
7	AOC1-W-B7E-2.5'		1138					X
8	AOC1-W-B7S-0.5'		1129				X	
9	AOC1-W-B7S-1.5'		1131					X
10	AOC1-W-B7S-2.5'		1132					X

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Kristina Hill	N&M Geologist	9/5/19 1547
[1] Received By:		Ben Salgado	E-A	9.5.19 1547
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