



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

Page:

419100
7 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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

LEAD (6010B)
HOLDPlease cc results to
khill@ninyoandmoore.com

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1 AOC1-W-B7W-0.5'	9/5/19	1121	SOIL	8oz jar	ICE	X	
2 AOC1-W-B7W-1.5'		1122					X
3 AOC1-W-B7W-2.5'		1123					X
4 AOC1-W-B13W-0.5'		1320				X	
5 AOC1-W-B13W-1.5'		1322					X
6 AOC1-W-B13W-2.5'		1324					X
7 AOC1-W-B13S-0.5'		1312				X	
8 AOC1-W-B13S-1.5'		1314					X
9 AOC1-W-B13S-2.5'		1316					X
10 AOC1-W-B13N-0.5'		1305				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:		Unigiste Castro	EA	9/5/19 1729
³ Relinquished By:				
³ Received By:				



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Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request				Test Instructions / Comments		
Company:	Ninyo & Moore	Name:	Compton High School PEA			LEAD (6010B)	HOLD					Please cc results to khill@ninyoandmoore.com
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.							
1	A0C1-W-B13N-1.5'	9/5/19	1306	SOIL	8oz Jar	ICE	X					
2	A0C1-W-B13N-2.5'		1309				X					
3	A0C1-W-B22E-0.5'		1351				X					
4	A0C1-W-B22E-1.5'		1353				X					
5	A0C1-W-B22E-2.5'		1355				X					
6	A0C1-W-B22N-0.5'		1344				X					
7	A0C1-W-B22N-1.5'		1346				X					
8	A0C1-W-B22N-2.5'		1348				X					
9	A0C1-W-B22W-0.5'		1337				X					
10	A0C1-W-B22W-1.5'		1338				X					
Signature		Print Name		Company / Title		Date / Time						
		Kristina Hill		N&M Geologist		9/5/19 1547						
		Ben Salgado		E.A.		9.5.19 1547						
		Ben Salgado		ENTHALPY ANALYTICAL		9.5.19 1729						
		Kristina Hill		EA		9/5/19 1729						
Relinquished By:												
Received By:												



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: C 419100
 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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments		
Company:	Ninyo & Moore	Name:	Compton High School PEA			LEAD (6010B) HOLD								Please cc results to khill@ninyoandmoore.com
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.									
1	A0C1-W-B22W-2.5	9/5/19	1340	SOIL	8oz jar	LE	X							
2	DUP-37	↓	—	↓	↓	↓	X							
3	DUP-38	↓	—	↓	↓	↓	X							
4	DUP-39	↓	—	↓	↓	↓	X							
5	DUP-40	↓	—	↓	↓	↓	X							
6	DUP-41	↓	—	↓	↓	↓	X							
7	EB-090519	↓	—	H ₂ O	1-Amber jar	↓	X							
8														
9														
10														

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	N&M Geologist	9/5/19 1547
¹ Received By:		BEN SALGADO	F-A	9-5-19 1547
² Relinquished By:		BEN SALGADO	ENTHALPY ANALYTICAL	9-5-19 1729
² Received By:		Kristina Hill	EA	9/5/19 1729
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore

Project: _____

Date Received: 9/5/19

Sampler's Name Present: Yes No

Section 2

Sample(s) received in a cooler? Yes, How many? 3 No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 13.0 #2: 5.3 #3: 4.1 #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: 0.9 #2: 0.3 #3: 0.3 #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: Chris Carr Date: 9/5/19

From: [Audrey Carroll](#)
To: [Ranjit Clarke](#)
Subject: RE: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350
Date: Monday, December 16, 2019 12:57:45 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

They would have been from September. So run the AOC1-W-B22W-1.5 for now and I will double check on the other one.

From: Ranjit Clarke [mailto:ranjit.clarke@enthalpy.com]
Sent: Monday, December 16, 2019 12:53 PM
To: Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: RE: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350
Importance: High

Audrey,

I don't see either of those samples on these COCs. This is the closest I can find for this project:

AOC1-E-B35E-1.5 (missing the "E") – collected on 05/03/19

AOC1-W-B22W-1.5 (exact match) – collected on 09/05/19

Are these the samples you are referring to? If so, the sample collected on 05/03/19 has already been disposed of.

Please advise.

Thanks,

Ranjit

Ranjit Clarke
Senior Project Manager



931 W. Barkley Ave., Orange, CA 92868
O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209
Ranjit.Clarke@enthalpy.com

From: Audrey Carroll <acarroll@ninyoandmoore.com>
Sent: Monday, December 16, 2019 10:14 AM

To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>

Subject: RE: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350

Hi Ranjit,

Could you run AOC1-E-B35E-1.5 and AOC1-W-B22W-1.5 also? These had DUPs that exceeded lead levels.

Thanks,

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

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From: Ranjit Clarke [<mailto:Ranjit.Clarke@enthalpy.com>]

Sent: Monday, December 16, 2019, 8:51 AM

To: Patrick J. Cullip <pcullip@ninyoandmoore.com>

Cc: Audrey Carroll <acarroll@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>

Subject: Re: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350

Thanks

On Mon, Dec 16, 2019 at 8:34 AM Patrick J. Cullip <pcullip@ninyoandmoore.com> wrote:

One minor correction to my request. It should be AOC5-B14SSS-1.5, not AOC-B14SSS-0.5.

From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>

Sent: Monday, December 16, 2019 8:32 AM

To: Patrick J. Cullip <pcullip@ninyoandmoore.com>

Cc: Audrey Carroll <acarroll@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>

Subject: Re: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350

Will do.

On Mon, Dec 16, 2019 at 8:25 AM Patrick J. Cullip <pcullip@ninyoandmoore.com> wrote:

Ranjit,

Please analyze the following samples for lead by 6010B on normal TAT:

- AOC5-B5SE-1.5
- AOC5-B8NN-1.5
- AOC5-B8NW-1.5
- AOC5-B12SS-1.5
- AOC5-B12SE-1.5
- AOC5-B13WW-1.5
- AOC5-B14SW-1.5
- AOC5-B14SSS-0.5
- AOC5-B14SS-1.5
- AOC5-B14NN-1.5
- AOC5-B25WW-1.5
- AOC5-B21SW-1.5
- AOC5-B21NW-1.5
- AOC1-E-B1WW-1.5
- AOC1-E-B11SS-1.5

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>

Sent: Friday, December 13, 2019 5:40 PM

To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>

Subject: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350

Hi Patrick Cullip,

Attached is your final report #422350. Several samples exceeded the TCLP and STLC Lead limits. Please let me know if you require these to be analyzed, as well as any hold samples.

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.



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



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

Lab Request: 419160
Report Date: 12/10/2019
Date Received: 09/06/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia Avenue, Compton, CA

Supplemental Report 2 - Additional analyses requested on 11/21/19 and 12/03/19 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.

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>
419160-001	AOC1-W-B26E-0.5'	419160-025	AOC1-W-B40S-0.5'	419160-049	AOC5-B12S-0.5'
419160-002	AOC1-W-B26E-1.5'	419160-026	AOC1-W-B40S-1.5'	419160-050	AOC5-B12S-1.5'
419160-003	AOC1-W-B26E-2.5'	419160-027	AOC1-W-B40S-2.5'	419160-051	AOC5-B12S-2.5'
419160-004	AOC1-W-B26W-0.5'	419160-028	AOC1-W-B48E-0.5'	419160-052	AOC5-B13W-0.5'
419160-005	AOC1-W-B26W-1.5'	419160-029	AOC1-W-B48E-1.5'	419160-053	AOC5-B13W-1.5'
419160-006	AOC1-W-B26W-2.5'	419160-030	AOC1-W-B48E-2.5'	419160-054	AOC5-B13W-2.5'
419160-007	AOC1-W-B26S-0.5'	419160-031	AOC1-W-B48N-0.5'	419160-055	AOC5-B13E-0.5'
419160-008	AOC1-W-B26S-1.5'	419160-032	AOC1-W-B48N-1.5'	419160-056	AOC5-B13E-1.5'
419160-009	AOC1-W-B26S-2.5'	419160-033	AOC1-W-B48N-2.5'	419160-057	AOC5-B13E-2.5'
419160-010	AOC1-W-B27E-0.5'	419160-034	AOC1-W-B48W-0.5'	419160-058	AOC5-B13S-0.5'
419160-011	AOC1-W-B27E-1.5'	419160-035	AOC1-W-B48W-1.5'	419160-059	AOC5-B13S-1.5'
419160-012	AOC1-W-B27E-2.5'	419160-036	AOC1-W-B48W-2.5'	419160-060	AOC5-B13S-2.5'
419160-013	AOC1-W-B27S-0.5'	419160-037	AOC1-W-B23W-0.5'	419160-061	AOC5-B17W-0.5'
419160-014	AOC1-W-B27S-1.5'	419160-038	AOC1-W-B23W-1.5'	419160-062	AOC5-B17W-1.5'
419160-015	AOC1-W-B27S-2.5'	419160-039	AOC1-W-B23W-2.5'	419160-063	AOC5-B17W-2.5'
419160-016	AOC1-W-B27W-0.5'	419160-040	AOC1-W-B23N-0.5'	419160-064	AOC5-B17E-0.5'
419160-017	AOC1-W-B27W-1.5'	419160-041	AOC1-W-B23N-1.5'	419160-065	AOC5-B17E-1.5'
419160-018	AOC1-W-B27W-2.5'	419160-042	AOC1-W-B23N-2.5'	419160-066	AOC5-B17E-2.5'
419160-019	AOC1-W-B40N-0.5'	419160-043	AOC1-W-B23E-0.5'	419160-067	AOC5-B17N-0.5'
419160-020	AOC1-W-B40N-1.5'	419160-044	AOC1-W-B23E-1.5'	419160-068	AOC5-B17N-1.5'
419160-021	AOC1-W-B40N-2.5'	419160-045	AOC1-W-B23E-2.5'	419160-069	AOC5-B17N-2.5'
419160-022	AOC1-W-B40E-0.5'	419160-046	AOC5-B12N-0.5'	419160-070	AOC5-B21W-0.5'
419160-023	AOC1-W-B40E-1.5'	419160-047	AOC5-B12N-1.5'	419160-071	AOC5-B21W-1.5'
419160-024	AOC1-W-B40E-2.5'	419160-048	AOC5-B12N-2.5'	419160-072	AOC5-B21W-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.

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.

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 09:20	Site:	
Sample #: <u>419160-017</u>	Client Sample #: AOC1-W-B27W-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: 09/06/2019 09:22	Site:	
Sample #: <u>419160-018</u>	Client Sample #: AOC1-W-B27W-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: 09/06/2019 11:20	Site:	
Sample #: <u>419160-019</u>	Client Sample #: AOC1-W-B40N-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206483		
Lead	75.9	1	0.84	1	mg/Kg		09/12/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 11:22	Site:	
Sample #: <u>419160-020</u>	Client Sample #: AOC1-W-B40N-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: 09/06/2019 11:24	Site:	
Sample #: <u>419160-021</u>	Client Sample #: AOC1-W-B40N-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: 09/06/2019 11:14	Site:	
Sample #: <u>419160-022</u>	Client Sample #: AOC1-W-B40E-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206483		
Lead	68.0	1	0.84	1	mg/Kg		09/12/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 11:13	Site:	
Sample #: <u>419160-023</u>	Client Sample #: AOC1-W-B40E-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: 09/06/2019 11:17	Site:	
Sample #: <u>419160-024</u>	Client Sample #: AOC1-W-B40E-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: 09/06/2019 11:06	Site:	
Sample #: <u>419160-025</u>	Client Sample #: AOC1-W-B40S-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206483	
Lead	64.1	1	0.84	1	mg/Kg		09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 11:08	Site:	
Sample #: <u>419160-026</u>	Client Sample #: AOC1-W-B40S-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: 09/06/2019 11:10	Site:	
Sample #: <u>419160-027</u>	Client Sample #: AOC1-W-B40S-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: 09/06/2019 10:51	Site:	
Sample #: <u>419160-028</u>	Client Sample #: AOC1-W-B48E-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206483	
Lead	50.1	1	0.84	1	mg/Kg		09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 10:53	Site:	
Sample #: <u>419160-029</u>	Client Sample #: AOC1-W-B48E-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: 09/06/2019 10:54	Site:	
Sample #: <u>419160-030</u>	Client Sample #: AOC1-W-B48E-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: 09/06/2019 10:42	Site:	
Sample #: <u>419160-031</u>	Client Sample #: AOC1-W-B48N-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206483	
Lead	36.6	1	0.84	1	mg/Kg		09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 10:44	Site:	
Sample #: <u>419160-032</u>	Client Sample #: AOC1-W-B48N-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: 09/06/2019 10:46	Site:	
Sample #: <u>419160-033</u>	Client Sample #: AOC1-W-B48N-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: 09/06/2019 10:32	Site:	
Sample #: <u>419160-034</u>	Client Sample #: AOC1-W-B48W-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206483		
Lead	30.3	1	0.84	1	mg/Kg		09/12/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 10:34	Site:	
Sample #: <u>419160-035</u>	Client Sample #: AOC1-W-B48W-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: 09/06/2019 10:36	Site:	
Sample #: <u>419160-036</u>	Client Sample #: AOC1-W-B48W-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: 09/06/2019 08:33	Site:	
Sample #: <u>419160-037</u>	Client Sample #: AOC1-W-B23W-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485		
Lead	93.5	1	0.84	1	mg/Kg		09/12/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 08:34	Site:	
Sample #: <u>419160-038</u>	Client Sample #: AOC1-W-B23W-1.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209325		
Lead	1.94	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 08:35	Site:	
Sample #: <u>419160-039</u>	Client Sample #: AOC1-W-B23W-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: 09/06/2019 08:23	Site:	
Sample #: <u>419160-040</u>	Client Sample #: AOC1-W-B23N-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485		
Lead	23.5	1	0.84	1	mg/Kg		09/12/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 08:24	Site:	
Sample #: <u>419160-041</u>	Client Sample #: AOC1-W-B23N-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: 09/06/2019 08:25	Site:	
Sample #: <u>419160-042</u>	Client Sample #: AOC1-W-B23N-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: 09/06/2019 08:17	Site:	
Sample #: <u>419160-043</u>	Client Sample #: AOC1-W-B23E-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485		
Lead	9340	20	16.8	20	mg/Kg		09/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 08:18	Site:	
Sample #: <u>419160-044</u>	Client Sample #: AOC1-W-B23E-1.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209325		
Lead	131	1	0.84	1	mg/Kg		12/02/19	KLN	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 08:20	Site:	
Sample #: <u>419160-045</u>	Client Sample #: AOC1-W-B23E-2.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209682		
Lead	4.65	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 15:06	Site:	
Sample #: <u>419160-046</u>	Client Sample #: AOC5-B12N-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485		
Lead	70.3	1	0.84	1	mg/Kg		09/12/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 15:07	Site:	
Sample #: <u>419160-047</u>	Client Sample #: AOC5-B12N-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: 09/06/2019 15:08	Site:	
Sample #: <u>419160-048</u>	Client Sample #: AOC5-B12N-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: 09/06/2019 14:41	Site:							
Sample #: <u>419160-057</u>	Client Sample #: AOC5-B13E-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: 09/06/2019 14:35	Site:							
Sample #: <u>419160-058</u>	Client Sample #: AOC5-B13S-0.5'	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	95.3	1	0.84	1	mg/Kg		09/12/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 09/06/2019 14:36	Site:							
Sample #: <u>419160-059</u>	Client Sample #: AOC5-B13S-1.5'	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209325	
Lead	2.46	1	0.84	1	mg/Kg		12/02/19	KLN
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 09/06/2019 14:37	Site:							
Sample #: <u>419160-060</u>	Client Sample #: AOC5-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: 09/06/2019 14:18	Site:							
Sample #: <u>419160-061</u>	Client Sample #: AOC5-B17W-0.5'	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	9.24	1	0.84	1	mg/Kg		09/12/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 09/06/2019 14:19	Site:							
Sample #: <u>419160-062</u>	Client Sample #: AOC5-B17W-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: 09/06/2019 14:20	Site:							
Sample #: <u>419160-063</u>	Client Sample #: AOC5-B17W-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: 09/06/2019 14:10	Site:							
Sample #: <u>419160-064</u>	Client Sample #: AOC5-B17E-0.5'	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	84.5	1	0.84	1	mg/Kg		09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 13:42	Site:	
Sample #: <u>419160-073</u>	Client Sample #: AOC5-B21S-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	57.5	1	0.84	1	mg/Kg	09/12/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 13:44	Site:	
Sample #: <u>419160-074</u>	Client Sample #: AOC5-B21S-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: 09/06/2019 13:45	Site:	
Sample #: <u>419160-075</u>	Client Sample #: AOC5-B21S-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: 09/06/2019 13:37	Site:	
Sample #: <u>419160-076</u>	Client Sample #: AOC5-B21E-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	61.5	1	0.84	1	mg/Kg	09/12/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 13:38	Site:	
Sample #: <u>419160-077</u>	Client Sample #: AOC5-B21E-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: 09/06/2019 13:40	Site:	
Sample #: <u>419160-078</u>	Client Sample #: AOC5-B21E-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: 09/06/2019 13:23	Site:	
Sample #: <u>419160-079</u>	Client Sample #: AOC5-B23S-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	48.0	1	0.84	1	mg/Kg	09/12/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 13:26	Site:	
Sample #: <u>419160-080</u>	Client Sample #: AOC5-B23S-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: 09/06/2019 13:27	Site:	
Sample #: <u>419160-081</u>	Client Sample #: AOC5-B23S-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: 09/06/2019 13:16	Site:	
Sample #: <u>419160-082</u>	Client Sample #: AOC5-B23W-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	70.7	1	0.84	1	mg/Kg		09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 13:17	Site:	
Sample #: <u>419160-083</u>	Client Sample #: AOC5-B23W-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: 09/06/2019 13:18	Site:	
Sample #: <u>419160-084</u>	Client Sample #: AOC5-B23W-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: 09/06/2019 13:09	Site:	
Sample #: <u>419160-085</u>	Client Sample #: AOC5-B23N-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	22.9	1	0.84	1	mg/Kg		09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019 13:12	Site:	
Sample #: <u>419160-086</u>	Client Sample #: AOC5-B23N-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: 09/06/2019 13:13	Site:	
Sample #: <u>419160-087</u>	Client Sample #: AOC5-B23N-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: 09/06/2019 12:59	Site:	
Sample #: <u>419160-088</u>	Client Sample #: AOC5-B25E-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	2.90	1	0.84	1	mg/Kg		09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 09/06/2019 13:01	Site:							
Sample #: <u>419160-089</u>	Client Sample #: AOC5-B25E-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: 09/06/2019 13:02	Site:							
Sample #: <u>419160-090</u>	Client Sample #: AOC5-B25E-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: 09/06/2019 12:52	Site:							
Sample #: <u>419160-091</u>	Client Sample #: AOC5-B25W-0.5'	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	187	1	0.84	1	mg/Kg		09/12/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 09/06/2019 12:53	Site:							
Sample #: <u>419160-092</u>	Client Sample #: AOC5-B25W-1.5'	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209325	
Lead	43.9	1	0.84	1	mg/Kg		12/02/19	KLN
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 09/06/2019 12:54	Site:							
Sample #: <u>419160-093</u>	Client Sample #: AOC5-B25W-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: 09/06/2019	Site:							
Sample #: <u>419160-094</u>	Client Sample #: DUP-42	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206485	
Lead	64.6	1	0.84	1	mg/Kg		09/12/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 09/06/2019	Site:							
Sample #: <u>419160-095</u>	Client Sample #: DUP-43	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206486	
Lead	32.7	1	0.84	1	mg/Kg	09/10/19	09/12/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 09/06/2019	Site:							
Sample #: <u>419160-096</u>	Client Sample #: DUP-44	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206486	
Lead	30.4	1	0.84	1	mg/Kg	09/10/19	09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019	Site:	
Sample #: <u>419160-097</u>	Client Sample #: DUP-45	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206486	
Lead	118	1	0.84	1	mg/Kg	09/10/19	09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019	Site:	
Sample #: <u>419160-098</u>	Client Sample #: DUP-46	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206486	
Lead	66.4	1	0.84	1	mg/Kg	09/10/19	09/12/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019	Site:	
Sample #: <u>419160-099</u>	Client Sample #: DUP-47	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1206486	
Lead	149	1	0.84	1	mg/Kg	09/10/19	09/12/19	SBW

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/06/2019	Site:	
Sample #: <u>419160-100</u>	Client Sample #: EB-090619	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3010A						QCBatchID: QC1206381	
Lead	ND	1	0.005	0.01	mg/L		09/09/19	SBW

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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
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		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206381MS1, QC1206381MSD1												
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		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
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		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
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		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
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: QC1206485	Analyst: kedy	Method: EPA 6010B
Matrix: Solid	Analyzed: 09/11/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206485MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206485LCS1											
Lead	100		93.0		mg/Kg	93			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206485MS1, QC1206485MSD1												
Lead	93.5	100	100	217	197	mg/Kg	124	104	9.7	75-125	20	Source: 419160-037

QCBatchID: QC1206486	Analyst: kedy	Method: EPA 6010B
Matrix: Solid	Analyzed: 09/11/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1206486MB1					
Antimony	1.73 J	mg/Kg	1.6	3	
Arsenic	ND	mg/Kg	0.67	1	
Barium	0.15 J	mg/Kg	0.11	1	
Beryllium	ND	mg/Kg	0.067	0.5	
Cadmium	ND	mg/Kg	0.094	0.5	
Chromium	0.16 J	mg/Kg	0.096	1	
Cobalt	0.18 J	mg/Kg	0.086	0.5	
Copper	0.53 J	mg/Kg	0.42	1	
Lead	ND	mg/Kg	0.84	1	
Molybdenum	ND	mg/Kg	0.59	1	
Nickel	0.61 J	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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206486LCS1											
Antimony	100		104		mg/Kg	104			80-120		
Arsenic	100		100		mg/Kg	100			80-120		
Barium	100		110		mg/Kg	110			80-120		
Beryllium	100		98.2		mg/Kg	98			80-120		
Cadmium	100		105		mg/Kg	105			80-120		
Chromium	100		108		mg/Kg	108			80-120		
Cobalt	100		105		mg/Kg	105			80-120		
Copper	100		99.1		mg/Kg	99			80-120		
Lead	100		105		mg/Kg	105			80-120		
Molybdenum	100		105		mg/Kg	105			80-120		
Nickel	100		103		mg/Kg	103			80-120		
Selenium	100		97.0		mg/Kg	97			80-120		
Silver	100		105		mg/Kg	105			80-120		
Thallium	100		98.2		mg/Kg	98			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		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206486MS1, QC1206486MSD1												Source: 419160-095
Antimony	ND	100	100	23.9	22.5	mg/Kg	24	23	6.0	75-125	20	M
Arsenic	11.7	100	100	111	108	mg/Kg	99	96	2.7	75-125	20	
Barium	144	100	100	261	265	mg/Kg	117	121	1.5	75-125	20	
Beryllium	ND	100	100	96.2	94.0	mg/Kg	96	94	2.3	75-125	20	
Cadmium	1.36	100	100	101	97.8	mg/Kg	100	96	3.2	75-125	20	
Chromium	22.7	100	100	129	126	mg/Kg	106	103	2.4	75-125	20	
Cobalt	12.1	100	100	111	108	mg/Kg	99	96	2.7	75-125	20	
Copper	29.9	100	100	134	135	mg/Kg	104	105	0.7	75-125	20	
Lead	32.7	100	100	129	131	mg/Kg	96	98	1.5	75-125	20	
Molybdenum	0.74	100	100	98.9	93.5	mg/Kg	98	93	5.6	75-125	20	

QCBatchID: QC1206486**Analyst:** kedy**Method:** EPA 6010B**Matrix:** Solid**Analyzed:** 09/11/2019**Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206486MS1, QC1206486MSD1											Source: 419160-095	
Nickel	15.0	100	100	111	105	mg/Kg	96	90	5.6	75-125	20	
Selenium	ND	100	100	96.0	88.2	mg/Kg	96	88	8.5	75-125	20	
Silver	ND	100	100	96.1	96.7	mg/Kg	96	97	0.6	75-125	20	
Thallium	1.76	100	100	92.2	89.4	mg/Kg	90	88	3.1	75-125	20	
Vanadium	44.2	100	100	156	154	mg/Kg	112	110	1.3	75-125	20	
Zinc	129	100	100	213	225	mg/Kg	84	96	5.5	75-125	20	

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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209325LCS1											
Lead	100		98.4		mg/Kg	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209325MS1, QC1209325MSD1												
Lead	ND	100	100	89.0	90.4	mg/Kg	89	90	1.6	75-125	20	Source: 419100-020

QCBatchID: <u>QC1209682</u>	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/07/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209682MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209682LCS1											
Lead	100		98.2		mg/Kg	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209682MS1, QC1209682MSD1												
Lead	4.65	100	100	101	103	mg/Kg	96	98	2.0	75-125	20	Source: 419160-045

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: 419160
 Page: 1 of 10

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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION	PROJECT INFORMATION	Analysis Request	Test Instructions / Comments
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Company: Ninyo & Moore	Name: Compton High School PEA	LEAD (6010B) HOLD		
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.												
1 AOC1-W-B26E -0.5'	9/6/19	0901	SOIL	Soz jar	ICE	X											
2 AOC1-W-B26E -1.5'		0903					X										
3 AOC1-W-B26E -2.5'		0904					X										
4 AOC1-W-B26W -0.5'		0857				X											
5 AOC1-W-B26W -1.5'		0858				X											
6 AOC1-W-B26W -2.5'		0859				X											
7 AOC1-W-B26S -0.5'		0852				X											
8 AOC1-W-B26S -1.5'		0853				X											
9 AOC1-W-B26S -2.5'		0855				X											
10 AOC1-W-B27E -0.5'		0930				X											

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	N&M Geologist	9/6/19 1550
¹ Received By:		HAO TRAN	Enthalpy	9/6/19 1550
² Relinquished By:		HAO TRAN	"	9/6/19 1700
² Received By:		G. Kim	EIA	9/6/19 1700
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: _____

2

of

10

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request				Test Instructions / Comments	
----------------------	--	---------------------	--	------------------	--	--	--	------------------------------	--

Company:	Ninyo & Moore	Name:	Compton High School PEA					Please cc results to khill@ninyoandmoore.com	
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						

LEAD (6010B)
HOLD

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.												
1 AOC1-W-B27E-1.5'	9/6/19	0931	SOIL	8oz jar	ICE	X											
2 AOC1-W-B27E-2.5'		0932				X											
3 AOC1-W-B27S-0.5'		0925				X											
4 AOC1-W-B27S-1.5'		0926				X											
5 AOC1-W-B27S-2.5'		0928				X											
6 AOC1-W-B27W-0.5'		0919				X											
7 AOC1-W-B27W-1.5'		0920				X											
8 AOC1-W-B27W-2.5'		0922				X											
9 AOC1-W-B40N-0.5'		1120				X											
10 AOC1-W-B40N-1.5'		1122				X											

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	N&M Geologist	9/6/19 1550
¹ Received By:		Kristina Hill	Enthalpy	9/6/19 1550
² Relinquished By:		G. Kim	EA	9/6/19 1700
² Received By:		G. Kim	EA	9/6/19 1700
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

Turn Around Time (rush by advanced notice only)

 Lab No: C

Standard:

5 Day:

3 Day:

Page:

4

of

10

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

 Please cc results to
khill@ninyoandmoore.com

 LEAD (6010B)
HOLD

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1 AOC1-W-B48N-0.5'	9/6/19	1042	SOIL	8oz jar	ICE	X	
2 AOC1-W-B48N-0.5' 1.5'		1044					X
3 AOC1-W-B48N-2.5'		1046					X
4 AOC1-W-B48W-0.5'		1032				X	
5 AOC1-W-B48W-1.5'		1034					X
6 AOC1-W-B48W-2.5'		1036					X
7 AOC1-W-B23W-0.5'		0833				X	
8 AOC1-W-B23W-1.5'		0834					X
9 AOC1-W-B23W-2.5'		0835					X
10 AOC1-W-B23N-0.5'		0823				X	

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	N&M Ecologist	9/6/19 1550
¹ Received By:		KHILL	Enthalpy	9/6/19 1550
² Relinquished By:		G. Kim	EA	9/6/19 1700
² Received By:		G. Kim	EA	9/6/19 1700
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: 6 of 10

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments		
Company:	Ninyo & Moore	Name:	Compton High School PEA			LEAD (60103) HOLD								Please cc results to khill@ninyoandmoore.com
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.									
1	AOC5-B12S-2.5	9/6/19	1502	SOIL	8oz jar	ICE	X							
2	AOC5-B13W-0.5'	↓	1444				X							
3	AOC5-B13W-1.5'		1445				X							
4	AOC5-B13W-2.5'		1447				X							
5	AOC5-B13E-0.5'		1439				X							
6	AOC5-B13E-1.5'		1440				X							
7	AOC5-B13E-2.5'		1441				X							
8	AOC5-B13S-0.5'		1435				X							
9	AOC5-B13S-1.5'		1436				X							
10	AOC5-B13S-2.5'		1437				X							
Signature			Print Name		Company / Title		Date / Time							
<i>KMH</i> 9/6/19		Kristina Hill		N&M Geologist		9/6/19 1550								
<i>[Signature]</i>		HAO 7nan		Enthalpy		9/6/19 1550								
<i>[Signature]</i>		HAO 7nan		u		9/6/19 1700								
<i>[Signature]</i>		G. Kim		EA		9/6/19 1700								
Relinquished By:														
Received By:														
Relinquished By:														
Received By:														
Relinquished By:														
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: _____

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of

10

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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

LEAD (6010B)
HOLD

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	1	2	3	4	5	6	7	8	9	10
1 AOC5-B17W-0.5'	9/6/19	1418	SOIL	8oz jar	ICE	X									
2 AOC5-B17W-1.5'		1419					X								
3 AOC5-B17W-2.5'		1420					X								
4 AOC5-B17E-0.5'		1410				X									
5 AOC5-B17E-1.5'		1412					X								
6 AOC5-B17E-2.5'		1413					X								
7 AOC5-B17N-0.5'		1404				X									
8 AOC5-B17N-1.5'		1406					X								
9 AOC5-B17N-2.5'		1407					X								
10 AOC5-B21W-0.5'		1350				X									

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M Geologist	9/6/19 1550
1 Received By:		Hao Tran	Enthalpy	9/6/19 1550
2 Relinquished By:		Hao Tran	Y	9/6/19 1700
2 Received By:		G. Kim	EA	9/6/19 1700
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: 8 of 10

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH

Please cc results to
khill@ninyoandmoore.com

LEAD (GOLDB)
HOLD

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (GOLDB)	HOLD
1 AOC5-B21W-1.5'	9/6/19	1352	SOIL	8oz jar	ICE	X	X
2 AOC5-B2W-2.5'		1353				X	X
3 AOC5-B21S-0.5'		1342				X	X
4 AOC5-B21S-1.5'		1344				X	X
5 AOC5-B21S-2.5'		1345				X	X
6 AOC5-B21E-0.5'		1337				X	X
7 AOC5-B21E-1.5'		1338				X	X
8 AOC5-B21E-2.5'		1340				X	X
9 AOC5-B23S-0.5'		1323				X	X
10 AOC5-B23S-1.5'		1326				X	X

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	N&M Geologist	9/6/19 1550
¹ Received By:		Kristina Hill	Enthalpy	9/6/19 1550
² Relinquished By:		Kim	EA	9/6/19 1700
² Received By:		Kim	EA	9/6/19 1700
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: 10 of 10

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	949-753-7070	Global ID:	-/
Fax:	949-753-7071	Sampled By:	KMH

Please cc results to
khill@ninyoandmoore.com

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	LEAD (6010B)	HOLD
1	AOC5-B25W - 0.5'	9/6/19	1252	SOIL	8oz jar	ICE	X
2	AOC5-B25W - 1.5'		1253				X
3	AOC5-B25W - 2.5'		1254				X
4	DUP-42						X
5	DUP-43						X
6	DUP-44						X
7	DUP-45						X
8	DUP-46						X
9	DUP-47						X
10	EB-090619			H ₂ O			X

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	NEM Geologist	9/6/19 1550
¹ Received By:		HAN TRAN	Enthalpy	9/6/19 1550
² Relinquished By:		HAN TRAN		9/6/19 1700
² Received By:		G. Kim	EA	9/6/19 1700
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo and Moore

Project: Compton High School PEA

Date Received: 9/6/19

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: 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: 0.3 #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

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: [Signature] Date: 9/6/19

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

Ranjit Clarke

From: Patrick J. Cullip <pcullip@ninyoandmoore.com> on behalf of Patrick J. Cullip
Sent: Tuesday, December 03, 2019 5:17 PM
To: Ranjit Clarke
Cc: Jay Roberts; Audrey Carroll
Subject: RE: Compton High School PEA (09/06/19) - Enthalpy Analytical Final Report #419160 - Supplemental Report 1

Ranjit,

Please analyze AOC1-W-B23E-2.5' for lead (6010B) under normal TAT.

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Tuesday, December 3, 2019 5:10 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: Compton High School PEA (09/06/19) - Enthalpy Analytical Final Report #419160 - Supplemental Report 1

Hi Patrick Cullip,

Attached is your final report #419160. Supplemental Report 1 - Additional analyses requested on 11/21/19 are now included.

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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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



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

Lab Request: 419195
Report Date: 12/03/2019
Date Received: 09/09/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia 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.

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>
419195-001	AOC5-B1S-0.5	419195-025	AOC5-B10S-0.5	419195-049	AOC5-B15S-0.5
419195-002	AOC5-B1S-1.5	419195-026	AOC5-B10S-1.5	419195-050	AOC5-B15S-1.5
419195-003	AOC5-B1S-2.5	419195-027	AOC5-B10S-2.5	419195-051	AOC5-B15S-2.5
419195-004	AOC5-B1W-0.5	419195-028	AOC5-B10E-0.5	419195-052	AOC5-B15W-0.5
419195-005	AOC5-B1W-1.5	419195-029	AOC5-B10E-1.5	419195-053	AOC5-B15W-1.5
419195-006	AOC5-B1W-2.5	419195-030	AOC5-B10E-2.5	419195-054	AOC5-B15W-2.5
419195-007	AOC5-B1N-0.5	419195-031	AOC5-B11N-0.5	419195-055	AOC2-B2E-5
419195-008	AOC5-B1N-1.5	419195-032	AOC5-B11N-1.5	419195-056	AOC2-B2E-7
419195-009	AOC5-B1N-2.5	419195-033	AOC5-B11N-2.5	419195-057	AOC2-B2W-5
419195-010	AOC5-B5S-0.5	419195-034	AOC5-B11S-0.5	419195-058	AOC2-B2W-7
419195-011	AOC5-B5S-1.5	419195-035	AOC5-B11S-1.5	419195-059	AOC2-B2W-GW
419195-012	AOC5-B5S-2.5	419195-036	AOC5-B11S-2.5	419195-060	DUP-48
419195-013	AOC5-B5E-0.5	419195-037	AOC5-B14N-0.5	419195-061	EB-090919
419195-014	AOC5-B5E-1.5	419195-038	AOC5-B14N-1.5	419195-062	Trip Blank
419195-015	AOC5-B5E-2.5	419195-039	AOC5-B14N-2.5		
419195-016	AOC5-B8S-0.5	419195-040	AOC5-B14S-0.5		
419195-017	AOC5-B8S-1.5	419195-041	AOC5-B14S-1.5		
419195-018	AOC5-B8S-2.5	419195-042	AOC5-B14S-2.5		
419195-019	AOC5-B8W-0.5	419195-043	AOC5-B14W-0.5		
419195-020	AOC5-B8W-1.5	419195-044	AOC5-B14W-1.5		
419195-021	AOC5-B8W-2.5	419195-045	AOC5-B14W-2.5		
419195-022	AOC5-B8N-0.5	419195-046	AOC5-B15N-0.5		
419195-023	AOC5-B8N-1.5	419195-047	AOC5-B15N-1.5		
419195-024	AOC5-B8N-2.5	419195-048	AOC5-B15N-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.

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.

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 09:52	Site:						
Sample #: <u>419195-009</u>	Client Sample #: AOC5-B1N-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:	QCBatchID:					
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 13:27	Site:						
Sample #: <u>419195-010</u>	Client Sample #: AOC5-B5S-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B	QCBatchID: QC1206487					
Lead	120	1	1	mg/Kg	09/10/19	09/12/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 13:29	Site:						
Sample #: <u>419195-011</u>	Client Sample #: AOC5-B5S-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B	QCBatchID: QC1209325					
Lead	1.05	1	1	mg/Kg		12/02/19	KLN
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 13:30	Site:						
Sample #: <u>419195-012</u>	Client Sample #: AOC5-B5S-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:	QCBatchID:					
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 13:31	Site:						
Sample #: <u>419195-013</u>	Client Sample #: AOC5-B5E-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B	QCBatchID: QC1206487					
Lead	34.2	1	1	mg/Kg	09/10/19	09/12/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 13:32	Site:						
Sample #: <u>419195-014</u>	Client Sample #: AOC5-B5E-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:	QCBatchID:					
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 13:33	Site:						
Sample #: <u>419195-015</u>	Client Sample #: AOC5-B5E-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:	QCBatchID:					
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:25	Site:						
Sample #: <u>419195-016</u>	Client Sample #: AOC5-B8S-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B	QCBatchID: QC1206487					
Lead	89.5	1	1	mg/Kg	09/10/19	09/13/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:26	Site:						
Sample #: <u>419195-017</u>	Client Sample #: AOC5-B8S-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209325	
Lead	44.9	1	1	mg/Kg	12/02/19	KLN	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:28	Site:						
Sample #: <u>419195-018</u>	Client Sample #: AOC5-B8S-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:35	Site:						
Sample #: <u>419195-019</u>	Client Sample #: AOC5-B8W-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206487	
Lead	111	1	1	mg/Kg	09/10/19	09/13/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:37	Site:						
Sample #: <u>419195-020</u>	Client Sample #: AOC5-B8W-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209326	
Lead	4.39	1	1	mg/Kg	12/02/19	KLN	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:38	Site:						
Sample #: <u>419195-021</u>	Client Sample #: AOC5-B8W-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:40	Site:						
Sample #: <u>419195-022</u>	Client Sample #: AOC5-B8N-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206487	
Lead	92.5	1	1	mg/Kg	09/10/19	09/13/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:42	Site:						
Sample #: <u>419195-023</u>	Client Sample #: AOC5-B8N-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209326	
Lead	32.2	1	1	mg/Kg	12/02/19	KLN	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:44	Site:						
Sample #: <u>419195-024</u>	Client Sample #: AOC5-B8N-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					

Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 09:11	Site:						
Sample #: <u>419195-033</u>	Client Sample #: AOC5-B11N-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 09:16	Site:						
Sample #: <u>419195-034</u>	Client Sample #: AOC5-B11S-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206487	
Lead	51.4	1	1	mg/Kg	09/10/19	09/13/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 09:17	Site:						
Sample #: <u>419195-035</u>	Client Sample #: AOC5-B11S-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 09:18	Site:						
Sample #: <u>419195-036</u>	Client Sample #: AOC5-B11S-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 08:58	Site:						
Sample #: <u>419195-037</u>	Client Sample #: AOC5-B14N-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206487	
Lead	204	1	1	mg/Kg	09/10/19	09/13/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 08:59	Site:						
Sample #: <u>419195-038</u>	Client Sample #: AOC5-B14N-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209326	
Lead	8.78	1	1	mg/Kg		12/02/19	KLN
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 09:01	Site:						
Sample #: <u>419195-039</u>	Client Sample #: AOC5-B14N-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 09:03	Site:						
Sample #: <u>419195-040</u>	Client Sample #: AOC5-B14S-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206487	
Lead	3370	1	1	mg/Kg	09/10/19	09/13/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 09:04	Site:						
Sample #: <u>419195-041</u>	Client Sample #: AOC5-B14S-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209326	
Lead	ND	1	1	mg/Kg	12/02/19	KLN	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 09:05	Site:						
Sample #: <u>419195-042</u>	Client Sample #: AOC5-B14S-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:00	Site:						
Sample #: <u>419195-043</u>	Client Sample #: AOC5-B14W-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206487	
Lead	174	1	1	mg/Kg	09/10/19	09/13/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:01	Site:						
Sample #: <u>419195-044</u>	Client Sample #: AOC5-B14W-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209326	
Lead	ND	1	1	mg/Kg	12/02/19	KLN	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 11:03	Site:						
Sample #: <u>419195-045</u>	Client Sample #: AOC5-B14W-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 08:45	Site:						
Sample #: <u>419195-046</u>	Client Sample #: AOC5-B15N-0.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206487	
Lead	71.0	1	1	mg/Kg	09/10/19	09/13/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 08:48	Site:						
Sample #: <u>419195-047</u>	Client Sample #: AOC5-B15N-1.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/09/2019 08:50	Site:						
Sample #: <u>419195-048</u>	Client Sample #: AOC5-B15N-2.5	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:					QCBatchID:	
N/A	N/A	1					

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 08:52	Site:	
Sample #: <u>419195-049</u>	Client Sample #: AOC5-B15S-0.5	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206487				
Lead	321	1	1	mg/Kg	09/10/19	09/13/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 08:54	Site:	
Sample #: <u>419195-050</u>	Client Sample #: AOC5-B15S-1.5	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1209326				
Lead	1.50	1	1	mg/Kg		12/02/19	KLN

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 08:55	Site:	
Sample #: <u>419195-051</u>	Client Sample #: AOC5-B15S-2.5	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 10:46	Site:	
Sample #: <u>419195-052</u>	Client Sample #: AOC5-B15W-0.5	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206487				
Lead	49.9	1	1	mg/Kg	09/10/19	09/13/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 10:54	Site:	
Sample #: <u>419195-053</u>	Client Sample #: AOC5-B15W-1.5	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 10:55	Site:	
Sample #: <u>419195-054</u>	Client Sample #: AOC5-B15W-2.5	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 14:26	Site:	
Sample #: 419195-055	Client Sample #: AOC2-B2E-5	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206366				
TPH Gasoline	ND	1.1	3.3	mg/Kg		09/10/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	110		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206608				
TPH Diesel	ND	1	10	mg/Kg	09/12/19	09/17/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/12/19	09/17/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	84		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206491				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/11/19	LZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/11/19	LZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/11/19	LZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/11/19	LZ
1,2,4-Trimethylbenzene	310	0.8	4	ug/Kg		09/11/19	LZ E
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/11/19	LZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,3,5-Trimethylbenzene	100	0.8	4	ug/Kg		09/11/19	LZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/11/19	LZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/11/19	LZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/11/19	LZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/11/19	LZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/11/19	LZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/11/19	LZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/11/19	LZ
4-Isopropyltoluene	20	0.8	4	ug/Kg		09/11/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/11/19	LZ
Acetone	ND	0.8	80	ug/Kg		09/11/19	LZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/11/19	LZ
Benzene	22	0.8	4	ug/Kg		09/11/19	LZ
Bromobenzene	ND	0.8	4	ug/Kg		09/11/19	LZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/11/19	LZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/11/19	LZ
Bromoform	ND	0.8	4	ug/Kg		09/11/19	LZ
Bromomethane	ND	0.8	4	ug/Kg		09/11/19	LZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/11/19	LZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/11/19	LZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/11/19	LZ
Chloroethane	ND	0.8	4	ug/Kg		09/11/19	LZ
Chloroform	ND	0.8	4	ug/Kg		09/11/19	LZ
Chloromethane	ND	0.8	4	ug/Kg		09/11/19	LZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/11/19	LZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/11/19	LZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/11/19	LZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 14:26	Site:	
Sample #: <u>419195-055</u>	Client Sample #: AOC2-B2E-5	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/11/19	LZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/11/19	LZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/11/19	LZ
Ethylbenzene	66	0.8	4	ug/Kg		09/11/19	LZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/11/19	LZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/11/19	LZ
Isopropylbenzene	14	0.8	4	ug/Kg		09/11/19	LZ
m and p-Xylene	120	0.8	4	ug/Kg		09/11/19	LZ
Methylene chloride	ND	0.8	4	ug/Kg		09/11/19	LZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/11/19	LZ
Naphthalene	ND	42.4	212	ug/Kg		09/13/19	LZ
N-butylbenzene	110	0.8	4	ug/Kg		09/11/19	LZ
N-propylbenzene	34	0.8	4	ug/Kg		09/11/19	LZ
o-Xylene	120	0.8	4	ug/Kg		09/11/19	LZ
Sec-butylbenzene	28	0.8	4	ug/Kg		09/11/19	LZ
Styrene	ND	0.8	4	ug/Kg		09/11/19	LZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/11/19	LZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/11/19	LZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/11/19	LZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/11/19	LZ
Toluene	19	0.8	4	ug/Kg		09/11/19	LZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/11/19	LZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/11/19	LZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/11/19	LZ
Trichloroethene	ND	0.8	4	ug/Kg		09/11/19	LZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/11/19	LZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/11/19	LZ
Xylenes (Total)	240	0.8	4	ug/Kg		09/11/19	LZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	102	70-145	
4-Bromofluorobenzene (SUR)	96	70-145	
Dibromofluoromethane (SUR)	105	70-145	
Toluene-d8 (SUR)	105	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 14:32	Site:	
Sample #: <u>419195-056</u>	Client Sample #: AOC2-B2E-7	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 15:10	Site:	
Sample #: <u>419195-057</u>	Client Sample #: AOC2-B2W-5	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206366				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/10/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	65		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206608				
TPH Diesel	85	1	10	mg/Kg	09/12/19	09/17/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/12/19	09/17/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	87		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206527				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,2,4-Trimethylbenzene	6.0	0.8	4	ug/Kg		09/13/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/13/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/13/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/13/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/13/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/13/19	ZZ
4-Isopropyltoluene	4.7	0.8	4	ug/Kg		09/13/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/13/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/13/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/13/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/13/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/13/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/13/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/13/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/13/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/13/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 15:10	Site:	
Sample #: <u>419195-057</u>	Client Sample #: AOC2-B2W-5	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/13/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/13/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/13/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/13/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/13/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Sec-butylbenzene	6.4	0.8	4	ug/Kg		09/13/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/13/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/13/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/13/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/13/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/13/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/13/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/13/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/13/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/13/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/13/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	125	70-145	
4-Bromofluorobenzene (SUR)	72	70-145	
Dibromofluoromethane (SUR)	101	70-145	
Toluene-d8 (SUR)	93	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 15:15	Site:	
Sample #: <u>419195-058</u>	Client Sample #: AOC2-B2W-7	Sample Type:

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

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 15:52	Site:	
Sample #: 419195-059	Client Sample #: AOC2-B2W-GW	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C					QCBatchID: QC1206539	
TPH Diesel	1.1	1.5	0.15	mg/L	09/12/19	09/12/19	TW
TPH Motor Oil	ND	1.5	0.45	mg/L	09/12/19	09/12/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>				<i>Notes</i>
<i>Triacotane (SUR)</i>	<i>115</i>		<i>50-150</i>				

Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206158	
TPH Gasoline	270	1	50	ug/L		09/13/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>				<i>Notes</i>
<i>4-Bromofluorobenzene (SUR)</i>	<i>107</i>		<i>60-140</i>				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206565	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trimethylbenzene	18	1	5	ug/L		09/12/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,3,5-Trimethylbenzene	5.4	1	5	ug/L		09/12/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/12/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/12/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/12/19	LZ
Acetone	ND	1	100	ug/L		09/12/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Benzene	5.2	1	1	ug/L		09/12/19	LZ
Bromobenzene	ND	1	5	ug/L		09/12/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromoform	ND	1	5	ug/L		09/12/19	LZ
Bromomethane	ND	1	5	ug/L		09/12/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/12/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/12/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/12/19	LZ
Chloroethane	ND	1	5	ug/L		09/12/19	LZ
Chloroform	ND	1	5	ug/L		09/12/19	LZ
Chloromethane	ND	1	5	ug/L		09/12/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019 15:52	Site:	
Sample #: <u>419195-059</u>	Client Sample #: AOC2-B2W-GW	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1	5	ug/L		09/12/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/12/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/12/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/12/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/12/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/12/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/12/19	LZ
m and p-Xylene	7.4	1	5	ug/L		09/12/19	LZ
Methylene chloride	5.2	1	5	ug/L		09/12/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/12/19	LZ
Naphthalene	16	1	5	ug/L		09/12/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/12/19	LZ
o-Xylene	11	1	5	ug/L		09/12/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Styrene	ND	1	5	ug/L		09/12/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/12/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/12/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/12/19	LZ
Toluene	ND	1	5	ug/L		09/12/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/12/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Trichloroethene	ND	1	5	ug/L		09/12/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/12/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Xylenes (Total)	18	1	5	ug/L		09/12/19	LZ

Surrogate	% Recovery	Limits	Notes
1,2-Dichloroethane-d4 (SUR)	93	70-145	
4-Bromofluorobenzene (SUR)	113	70-145	
Dibromofluoromethane (SUR)	101	70-145	
Toluene-d8 (SUR)	100	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019	Site:	
Sample #: <u>419195-060</u>	Client Sample #: DUP-48	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>						QCBatchID: QC1206487	
Prep Method: EPA 3050B							
Lead	27.6	1	1	mg/Kg	09/10/19	09/13/19	SBW

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019	Site:	
Sample #: <u>419195-061</u>	Client Sample #: EB-090919	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3010A		QCBatchID: QC1206727				
Lead	ND	1	0.01	mg/L		09/17/19	SBW
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C		QCBatchID: QC1206539				
TPH Diesel	ND	1	0.1	mg/L	09/12/19	09/12/19	TW
TPH Motor Oil	ND	1	0.3	mg/L	09/12/19	09/12/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
Triacontane (SUR)	75		50-150				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206158				
TPH Gasoline	ND	1	50	ug/L		09/12/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
4-Bromofluorobenzene (SUR)	108		60-140				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206469				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/11/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/11/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/11/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/11/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/11/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/11/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/11/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/11/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/11/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/11/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/11/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/11/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/11/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/11/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/11/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/11/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/11/19	LZ
Acetone	ND	1	100	ug/L		09/11/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/11/19	LZ
Benzene	ND	1	1	ug/L		09/11/19	LZ
Bromobenzene	ND	1	5	ug/L		09/11/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/11/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/11/19	LZ
Bromoform	ND	1	5	ug/L		09/11/19	LZ
Bromomethane	ND	1	5	ug/L		09/11/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/11/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/11/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/11/19	LZ
Chloroethane	ND	1	5	ug/L		09/11/19	LZ
Chloroform	ND	1	5	ug/L		09/11/19	LZ
Chloromethane	ND	1	5	ug/L		09/11/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/09/2019

Site:

Sample #: 419195-061

Client Sample #: EB-090919

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/11/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/11/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/11/19	LZ
Dibromomethane	ND	1	5	ug/L		09/11/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/11/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/11/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/11/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/11/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/11/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/11/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/11/19	LZ
Methylene chloride	ND	1	5	ug/L		09/11/19	LZ B,C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/11/19	LZ
Naphthalene	ND	1	5	ug/L		09/11/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/11/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/11/19	LZ
o-Xylene	ND	1	5	ug/L		09/11/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/11/19	LZ
Styrene	ND	1	5	ug/L		09/11/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/11/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/11/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/11/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/11/19	LZ
Toluene	ND	1	5	ug/L		09/11/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/11/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/11/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/11/19	LZ
Trichloroethene	ND	1	5	ug/L		09/11/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/11/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/11/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/11/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		92	70-145				
4-Bromofluorobenzene (SUR)		105	70-145				
Dibromofluoromethane (SUR)		102	70-145				
Toluene-d8 (SUR)		105	70-145				

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/09/2019

Site:

Sample #: 419195-062

Client Sample #: Trip Blank

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206469	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/11/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/11/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/11/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/11/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/11/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/11/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/11/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/11/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/11/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/11/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/11/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/11/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/11/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/11/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/11/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/11/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/11/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/11/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/11/19	LZ
Acetone	ND	1	100	ug/L		09/11/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/11/19	LZ
Benzene	ND	1	1	ug/L		09/11/19	LZ
Bromobenzene	ND	1	5	ug/L		09/11/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/11/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/11/19	LZ
Bromoform	ND	1	5	ug/L		09/11/19	LZ
Bromomethane	ND	1	5	ug/L		09/11/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/11/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/11/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/11/19	LZ
Chloroethane	ND	1	5	ug/L		09/11/19	LZ
Chloroform	ND	1	5	ug/L		09/11/19	LZ
Chloromethane	ND	1	5	ug/L		09/11/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/11/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/11/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/11/19	LZ
Dibromomethane	ND	1	5	ug/L		09/11/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/11/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/11/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/11/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/11/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/11/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/11/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/11/19	LZ
Methylene chloride	ND	1	5	ug/L		09/11/19	LZ B,C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/11/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/09/2019	Site:	
Sample #: <u>419195-062</u>	Client Sample #: Trip Blank	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	5	ug/L		09/11/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/11/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/11/19	LZ
o-Xylene	ND	1	5	ug/L		09/11/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/11/19	LZ
Styrene	ND	1	5	ug/L		09/11/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/11/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/11/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/11/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/11/19	LZ
Toluene	ND	1	5	ug/L		09/11/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/11/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/11/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/11/19	LZ
Trichloroethene	ND	1	5	ug/L		09/11/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/11/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/11/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/11/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		91	70-145				
4-Bromofluorobenzene (SUR)		131	70-145				
Dibromofluoromethane (SUR)		99	70-145				
Toluene-d8 (SUR)		107	70-145				

QCBatchID: QC1206158	Analyst: sandyw	Method: EPA 8015B
Matrix: Water	Analyzed: 09/12/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206158MB1				
TPH (C5 to C12)	ND	ug/L	50	
TPH (C6 to C10)	ND	ug/L	50	
TPH Gasoline	ND	ug/L	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206158LCS1											
TPH Gasoline	500		530		ug/L	106			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206158MS1, QC1206158MSD1												
TPH Gasoline	ND	500	500	510	530	ug/L	102	106	3.8	70-130	30	Source: 419283-002

QCBatchID: <u>QC1206366</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/10/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206366MB1				
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206366LCS1, QC1206366LCSD1											
TPH Gasoline	5	5	6.2	6.0	mg/Kg	124	120	3	70-130	20	

QCBatchID: QC1206469

Analyst: Lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 09/10/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206469MB1				
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	
1,1,1-Trichloroethane	ND	ug/L	0.5	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	
1,1,2-Trichloroethane	ND	ug/L	0.5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	0.5	
1,1-Dichloroethane	ND	ug/L	0.5	
1,1-Dichloroethene	ND	ug/L	0.5	
1,1-Dichloropropene	ND	ug/L	0.5	
1,2,3-Trichlorobenzene	ND	ug/L	0.5	
1,2,3-Trichloropropane	ND	ug/L	0.5	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	
1,2,4-Trimethylbenzene	ND	ug/L	0.5	
1,2-Dibromo-3-chloropropane	ND	ug/L	0.5	
1,2-Dibromoethane	ND	ug/L	0.5	
1,2-Dichlorobenzene	ND	ug/L	0.5	
1,2-Dichloroethane	ND	ug/L	0.5	
1,2-Dichloropropane	ND	ug/L	0.5	
1,3,5-Trimethylbenzene	ND	ug/L	0.5	
1,3-Dichlorobenzene	ND	ug/L	0.5	
1,3-Dichloropropane	ND	ug/L	0.5	
1,4-Dichlorobenzene	ND	ug/L	0.5	
2,2-Dichloropropane	ND	ug/L	0.5	
2-Butanone (MEK)	ND	ug/L	5	
2-Chlorotoluene	ND	ug/L	0.5	
4-Chlorotoluene	ND	ug/L	0.5	
4-Isopropyltoluene	ND	ug/L	0.5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	
Acetone	ND	ug/L	10	
Allyl Chloride	ND	ug/L	0.5	
Benzene	ND	ug/L	0.5	
Bromobenzene	ND	ug/L	1	
Bromochloromethane	ND	ug/L	0.5	
Bromodichloromethane	ND	ug/L	0.5	
Bromoform	ND	ug/L	0.5	
Bromomethane	ND	ug/L	1	
Carbon Tetrachloride	ND	ug/L	0.5	
Chlorobenzene	ND	ug/L	0.5	
Chlorodibromomethane	ND	ug/L	0.5	
Chloroethane	ND	ug/L	0.5	
Chloroform	ND	ug/L	0.5	
Chloromethane	ND	ug/L	0.5	
cis-1,2-Dichloroethene	ND	ug/L	0.5	
cis-1,3-dichloropropene	ND	ug/L	0.5	
cis-1,4-dichloro-2-butene	ND	ug/L	5	
Dibromomethane	ND	ug/L	0.5	
Dichlorodifluoromethane	ND	ug/L	0.5	
Di-isopropyl ether (DIPE)	ND	ug/L	0.5	
Ethylbenzene	ND	ug/L	0.5	
Ethyl-tertbutylether (ETBE)	ND	ug/L	0.5	
Hexachlorobutadiene	ND	ug/L	1	
Isopropylbenzene	ND	ug/L	0.5	
m and p-Xylene	ND	ug/L	0.5	

QCBatchID: QC1206469	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 09/10/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206469MB1				
Methylene chloride	4.3	ug/L	0.5	B
Methyl-t-butyl Ether (MTBE)	ND	ug/L	0.5	
Naphthalene	ND	ug/L	0.5	
N-butylbenzene	ND	ug/L	0.5	
N-propylbenzene	ND	ug/L	0.5	
o-Xylene	ND	ug/L	0.5	
Sec-butylbenzene	ND	ug/L	0.5	
Styrene	ND	ug/L	0.5	
t-Butyl alcohol (TBA)	ND	ug/L	5	
Tert-amylmethylether (TAME)	ND	ug/L	0.5	
Tert-butylbenzene	ND	ug/L	0.5	
Tetrachloroethene	ND	ug/L	0.5	
Toluene	ND	ug/L	0.5	
trans-1,2-dichloroethene	ND	ug/L	0.5	
trans-1,3-dichloropropene	ND	ug/L	0.5	
trans-1,4-dichloro-2-butene	ND	ug/L	5	
Trichloroethene	ND	ug/L	0.5	
Trichlorofluoromethane	ND	ug/L	0.5	
Vinyl Chloride	ND	ug/L	0.5	
Xylenes (Total)	ND	ug/L	0.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206469LCS1											
1,1-Dichloroethene	50		59		ug/L	118			59-172		
Benzene	50		57		ug/L	114			62-137		
Chlorobenzene	50		59		ug/L	118			60-133		
Methyl-t-butyl Ether (MTBE)	50		50		ug/L	100			62-137		
Toluene	50		60		ug/L	120			59-139		
Trichloroethene	50		61		ug/L	122			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206469MS1, QC1206469MSD1												
Source: 419194-001												
1,1-Dichloroethene	54	50	50	110	110	ug/L	112	112	0.0	59-172	22	
Benzene	0.500	50	50	57	56	ug/L	113	111	1.8	62-137	24	
Chlorobenzene	ND	50	50	60	58	ug/L	120	116	3.4	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	52	51	ug/L	104	102	1.9	62-137	21	
Toluene	ND	50	50	61	59	ug/L	122	118	3.3	59-139	21	
Trichloroethene	220	50	50	290	290	ug/L	100	100	0.0	66-142	21	

QCBatchID: <u>QC1206487</u>	Analyst: kedy	Method: EPA 6010B
Matrix: Solid	Analyzed: 09/11/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206487MB1				
Lead	ND	mg/Kg	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206487LCS1											
Lead	100		104		mg/Kg	104				80-120	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206487MS1, QC1206487MSD1												
Lead	12.2	100	100	99.8	96.6	mg/Kg	88	84	3.3	75-125	20	Source: 419195-001

QCBatchID: **QC1206491**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/11/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206491MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethanol	ND	ug/Kg	500	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	

QCBatchID: <u>QC1206491</u>	Analyst: nicollez	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/11/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206491MB1				
m and p-Xylene	ND	ug/Kg	5	
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206491LCS1											
1,1-Dichloroethene	50		57		ug/Kg	114			59-172		
Benzene	50		55		ug/Kg	110			62-137		
Chlorobenzene	50		58		ug/Kg	116			60-133		
Methyl-t-butyl Ether (MTBE)	50		48		ug/Kg	96			62-137		
Toluene	50		57		ug/Kg	114			59-139		
Trichloroethene	50		60		ug/Kg	120			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206491MS1, QC1206491MSD1												
Source: 419192-001												
1,1-Dichloroethene	ND	50	50	59	56	ug/Kg	118	112	5.2	59-172	22	
Benzene	ND	50	50	52	53	ug/Kg	104	106	1.9	62-137	24	
Chlorobenzene	ND	50	50	55	54	ug/Kg	110	108	1.8	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	47	47	ug/Kg	94	94	0.0	62-137	21	
Toluene	ND	50	50	47	55	ug/Kg	94	110	15.7	59-139	21	
Trichloroethene	ND	50	50	60	66	ug/Kg	120	132	9.5	66-142	21	

QCBatchID: **QC1206527**

Analyst: Rlee

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/12/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206527MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206527	Analyst: Rlee	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/12/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206527MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206527LCS1											
1,1-Dichloroethene	50		56		ug/Kg	112			59-172		
Benzene	50		61		ug/Kg	122			62-137		
Chlorobenzene	50		55		ug/Kg	110			60-133		
Methyl-t-butyl Ether (MTBE)	50		45		ug/Kg	90			62-137		
Toluene	50		56		ug/Kg	112			59-139		
Trichloroethene	50		48		ug/Kg	96			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206527MS1, QC1206527MSD1												
Source: 419320-001												
1,1-Dichloroethene	ND	50	50	63	59	ug/Kg	126	118	6.6	59-172	22	
Benzene	ND	50	50	68	63	ug/Kg	136	126	7.6	62-137	24	
Chlorobenzene	ND	50	50	59	56	ug/Kg	118	112	5.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	57	52	ug/Kg	114	104	9.2	62-137	21	
Toluene	ND	50	50	61	56	ug/Kg	122	112	8.5	59-139	21	
Trichloroethene	ND	50	50	53	49	ug/Kg	106	98	7.8	66-142	21	

QCBatchID: <u>QC1206539</u>	Analyst: Abanh	Method: EPA 8015B
Matrix: Water	Analyzed: 09/12/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206539MB1				
TPH (C10 to C22)	ND	mg/L	0.1	
TPH (C22 to C36)	ND	mg/L	0.3	
TPH Diesel	ND	mg/L	0.1	
TPH Motor Oil	ND	mg/L	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206539LCS1, QC1206539LCSD1											
TPH Diesel	1	1	0.73	0.70	mg/L	73	70	4	1112-99.0	20	

QCBatchID: **QC1206565**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 09/12/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206565MB1				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	
1,1,1-Trichloroethane	ND	ug/L	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	
1,1,2-Trichloroethane	ND	ug/L	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	
1,1-Dichloroethane	ND	ug/L	5	
1,1-Dichloroethene	ND	ug/L	5	
1,1-Dichloropropene	ND	ug/L	5	
1,2,3-Trichlorobenzene	ND	ug/L	5	
1,2,3-Trichloropropane	ND	ug/L	5	
1,2,4-Trichlorobenzene	ND	ug/L	5	
1,2,4-Trimethylbenzene	ND	ug/L	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	5	
1,2-Dibromoethane	ND	ug/L	5	
1,2-Dichlorobenzene	ND	ug/L	5	
1,2-Dichloroethane	ND	ug/L	5	
1,2-Dichloropropane	ND	ug/L	5	
1,3,5-Trimethylbenzene	ND	ug/L	5	
1,3-Dichlorobenzene	ND	ug/L	5	
1,3-Dichloropropane	ND	ug/L	5	
1,4-Dichlorobenzene	ND	ug/L	5	
2,2-Dichloropropane	ND	ug/L	5	
2-Butanone (MEK)	ND	ug/L	100	
2-Chloroethyl Vinyl Ether	ND	ug/L	10	
2-Chlorotoluene	ND	ug/L	5	
4-Chlorotoluene	ND	ug/L	5	
4-Isopropyltoluene	ND	ug/L	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	
Acetone	ND	ug/L	100	
Allyl Chloride	ND	ug/L	5	
Benzene	ND	ug/L	1	
Bromobenzene	ND	ug/L	5	
Bromochloromethane	ND	ug/L	5	
Bromodichloromethane	ND	ug/L	5	
Bromoform	ND	ug/L	5	
Bromomethane	ND	ug/L	5	
Carbon Tetrachloride	ND	ug/L	5	
Chlorobenzene	ND	ug/L	5	
Chlorodibromomethane	ND	ug/L	5	
Chloroethane	ND	ug/L	5	
Chloroform	ND	ug/L	5	
Chloromethane	ND	ug/L	5	
cis-1,2-Dichloroethene	ND	ug/L	5	
cis-1,3-dichloropropene	ND	ug/L	5	
cis-1,4-dichloro-2-butene	ND	ug/L	5	
Dibromomethane	ND	ug/L	5	
Dichlorodifluoromethane	ND	ug/L	5	
Di-isopropyl ether (DIPE)	ND	ug/L	1	
Ethylbenzene	ND	ug/L	5	
Ethyl-tertbutylether (ETBE)	ND	ug/L	1	
Hexachlorobutadiene	ND	ug/L	5	
Isopropylbenzene	ND	ug/L	5	

QCBatchID: QC1206565	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 09/12/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206565MB1				
m and p-Xylene	ND	ug/L	5	
Methylene chloride	ND	ug/L	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	1	
Naphthalene	ND	ug/L	5	
N-butylbenzene	ND	ug/L	5	
N-propylbenzene	ND	ug/L	5	
o-Xylene	ND	ug/L	5	
Sec-butylbenzene	ND	ug/L	5	
Styrene	ND	ug/L	5	
t-Butyl alcohol (TBA)	ND	ug/L	10	
Tert-amylmethylether (TAME)	ND	ug/L	5	
Tert-butylbenzene	ND	ug/L	5	
Tetrachloroethene	ND	ug/L	5	
Toluene	ND	ug/L	5	
trans-1,2-dichloroethene	ND	ug/L	5	
trans-1,3-dichloropropene	ND	ug/L	5	
trans-1,4-dichloro-2-butene	ND	ug/L	5	
Trichloroethene	ND	ug/L	5	
Trichlorofluoromethane	ND	ug/L	5	
Vinyl Chloride	ND	ug/L	5	
Xylenes (Total)	ND	ug/L	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206565LCS1											
1,1-Dichloroethene	50		57		ug/L	114			59-172		
Benzene	50		56		ug/L	112			62-137		
Chlorobenzene	50		54		ug/L	108			60-133		
Methyl-t-butyl Ether (MTBE)	50		48		ug/L	96			62-137		
Toluene	50		57		ug/L	114			59-139		
Trichloroethene	50		58		ug/L	116			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206565MS1, QC1206565MSD1												
Source: 419313-010												
1,1-Dichloroethene	ND	50	50	60	58	ug/L	120	116	3.4	59-172	22	
Benzene	ND	50	50	58	57	ug/L	116	114	1.7	62-137	24	
Chlorobenzene	ND	50	50	55	53	ug/L	110	106	3.7	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	51	51	ug/L	102	102	0.0	62-137	21	
Toluene	ND	50	50	59	56	ug/L	118	112	5.2	59-139	21	
Trichloroethene	ND	50	50	59	56	ug/L	118	112	5.2	66-142	21	

QCBatchID: QC1206608	Analyst: ssabir	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/16/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206608MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH (C13 to C22)	ND	mg/Kg	10	
TPH (C23 to C44)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206608LCS1											
TPH (C10 to C28)	250		190		mg/Kg	76			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206608MS1, QC1206608MSD1 Source: 419193-001												
TPH (C10 to C28)	ND	250	250	200	200	mg/Kg	80	80	0.0	70-130	20	

QC Batch ID: QC1206727	Analyst: kedy	Method: EPA 6010B
Matrix: Water	Analyzed: 09/17/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206727MB1				
Antimony	ND	mg/L	0.04	
Arsenic	ND	mg/L	0.01	
Barium	ND	mg/L	0.01	
Beryllium	ND	mg/L	0.005	
Cadmium	ND	mg/L	0.005	
Chromium	ND	mg/L	0.01	
Cobalt	ND	mg/L	0.005	
Copper	ND	mg/L	0.01	
Lead	ND	mg/L	0.01	
Molybdenum	ND	mg/L	0.01	
Nickel	ND	mg/L	0.02	
Selenium	ND	mg/L	0.03	
Silver	ND	mg/L	0.005	
Thallium	ND	mg/L	0.05	
Vanadium	ND	mg/L	0.005	
Zinc	ND	mg/L	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206727LCS1											
Antimony	2		2.08		mg/L	104			80-120		
Arsenic	2		2.04		mg/L	102			80-120		
Barium	2		2.22		mg/L	111			80-120		
Beryllium	2		2.16		mg/L	108			80-120		
Cadmium	2		2.17		mg/L	109			80-120		
Chromium	2		2.10		mg/L	105			80-120		
Cobalt	2		2.15		mg/L	108			80-120		
Copper	2		2.08		mg/L	104			80-120		
Lead	2		2.13		mg/L	107			80-120		
Molybdenum	2		2.13		mg/L	107			80-120		
Nickel	2		1.95		mg/L	98			80-120		
Selenium	2		2.08		mg/L	104			80-120		
Silver	2		2.02		mg/L	101			80-120		
Thallium	2		2.14		mg/L	107			80-120		
Vanadium	2		2.12		mg/L	106			80-120		
Zinc	2		2.09		mg/L	105			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206727MS1, QC1206727MSD1												
Source: 419193-020												
Antimony	ND	2	2	2.06	2.01	mg/L	103	101	2.5	75-125	20	
Arsenic	ND	2	2	2.06	1.98	mg/L	103	99	4.0	75-125	20	
Barium	ND	2	2	2.25	2.10	mg/L	113	105	6.9	75-125	20	
Beryllium	ND	2	2	2.12	2.03	mg/L	106	102	4.3	75-125	20	
Cadmium	ND	2	2	2.26	2.12	mg/L	113	106	6.4	75-125	20	
Chromium	ND	2	2	2.41	2.26	mg/L	121	113	6.4	75-125	20	
Cobalt	ND	2	2	2.22	2.07	mg/L	111	104	7.0	75-125	20	
Copper	ND	2	2	2.29	2.22	mg/L	115	111	3.1	75-125	20	
Lead	ND	2	2	2.09	2.02	mg/L	105	101	3.4	75-125	20	
Molybdenum	ND	2	2	2.12	2.05	mg/L	106	103	3.4	75-125	20	

QCBatchID: QC1206727**Analyst:** kedy**Method:** EPA 6010B**Matrix:** Water**Analyzed:** 09/17/2019**Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206727MS1, QC1206727MSD1											Source: 419193-020	
Nickel	0.006	2	2	1.84	1.60	mg/L	92	80	14.0	75-125	20	
Selenium	ND	2	2	2.05	2.00	mg/L	103	100	2.5	75-125	20	
Silver	ND	2	2	2.04	1.94	mg/L	102	97	5.0	75-125	20	
Thallium	ND	2	2	2.12	2.04	mg/L	106	102	3.8	75-125	20	
Vanadium	ND	2	2	2.40	2.25	mg/L	120	113	6.5	75-125	20	
Zinc	ND	2	2	2.38	2.22	mg/L	119	111	7.0	75-125	20	

QCBatchID: QC1209325	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 11/27/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1209325MB1				
Lead	ND	mg/Kg	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209325LCS1											
Lead	100		98.4		mg/Kg	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209325MS1, QC1209325MSD1												
Lead	ND	100	100	89.0	90.4	mg/Kg	89	90	1.6	75-125	20	

Source: 419100-020

QCBatchID: QC1209326	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 11/27/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1209326MB1				
Arsenic	ND	mg/Kg	1	
Cadmium	ND	mg/Kg	0.5	
Chromium	ND	mg/Kg	1	
Lead	ND	mg/Kg	1	
Nickel	ND	mg/Kg	1.5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209326LCS1											
Arsenic	100		90.8		mg/Kg	91			80-120		
Cadmium	100		102		mg/Kg	102			80-120		
Chromium	100		101		mg/Kg	101			80-120		
Lead	100		97.3		mg/Kg	97			80-120		
Nickel	100		106		mg/Kg	106			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209326MS1, QC1209326MSD1												
Source: 419195-020												
Arsenic	ND	100	100	79.2	82.8	mg/Kg	79	83	4.4	75-125	20	
Cadmium	1.58	100	100	93.9	92.2	mg/Kg	92	91	1.8	75-125	20	
Chromium	21.5	100	100	116	116	mg/Kg	95	95	0.0	75-125	20	
Lead	4.39	100	100	89.2	93.4	mg/Kg	85	89	4.6	75-125	20	
Nickel	16.4	100	100	100	106	mg/Kg	84	90	5.8	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:

419195

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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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION					Analysis Request					Test Instructions / Comments	
Company:	Ninyo & Moore	Name:	Compton High School PEA					Lead (6010B) TPHg,d,o (8015B/5035) VOCs (8260B/5035) TPHg,d,o (8015B) VOCs (8260B) Hold					Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO
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 & Auc										
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold		
1	A005-BIS-0.5	9/9/19	0939	SOIL	8oz. jar	ICE	X						
2	A005-BIS-1.5		0940								X		
3	A005-BIS-2.5		0942								X		
4	A005-BIW-0.5		0944				X						
5	A005-BIW-1.5		0945								X		
6	A005-BIW-2.5		0947								X		
7	A005-BIN-0.5		0948				X						
8	A005-BIN-1.5		0950								X		
9	A005-BIN-2.5		0952								X		
10	A005-BIS-0.5		1327				X						
Signature		Print Name			Company / Title		Date / Time						
1 Relinquished By:		Kristina Hill			NAM / ecologist		9/9/19 1747						
1 Received By:		Christine Castro			EA		9/9/19 1749						
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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request					Test Instructions / Comments								
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B) TPHg,d,o (8015B/5035) VOCs (8260B/5035) TPHg,d,o (8015B) VOCs (8260B) Hold						Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO							
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.														
1	Acc5-B5S-1.5	9/9/19	SOIL	8oz. jar	ICE														
2	Acc5-B5S-2.5																		
3	Acc5-B5E-0.5					X													
4	Acc5-B5E-1.5																		
5	Acc5-B5E-2.5																		
6	Acc5-B8S-0.5					X													
7	Acc5-B8S-1.5																		
8	Acc5-B8S-2.5																		
9	Acc5-B8W-0.5					X													
10	Acc5-B8W-1.5																		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Kristina Hill	N&M / Geologist	9/9/19 1747
1 Received By:		Christine C.	EA	9/9/19 1749
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)

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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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Ninyo & Moore
 Report To: Patrick Cullip
 Email: pcullip@ninyoandmoore.com
 Address: 475 Goddard Ste 200
 Irvine, CA 92618
 Phone: 949-753-7070
 Fax: 949-753-7071

Name: Compton High School PEA
 Number: 210886002
 P.O. #:
 Address: 601 South Acacia Avenue
 Compton, CA 90220
 Global ID:
 Sampled By: KMH

Lead (6010B)	TPH _{g,d,o} (8015B/5035)	VOCs (8260B/5035)	TPH _{g,d,o} (8015B)	VOCs (8260B)	Hold

Please cc results to khill@ninyoandmoore.com
 Please report TPHs as GRO, DRO, MRO

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPH _{g,d,o} (8015B/5035)	VOCs (8260B/5035)	TPH _{g,d,o} (8015B)	VOCs (8260B)	Hold
1 AOC5-BIIN-0.5	9/9/19	0909	SOIL	Bot. Sar	ICE	X					
2 AOC5-BIIN-1.5		0910									X
3 AOC5-BIIN-2.5		0911									X
4 AOC5-BIIS-0.5		0916				X					
5 AOC5-BIIS-1.5		0917									X
6 AOC5-BIIS-2.5		0918									X
7 AOC5-BIIN-0.5		0858				X					
8 AOC5-BIIN-1.5		0859									X
9 AOC5-BIIN-2.5		0901									X
10 AOC5-BIIS-0.5		0903				X					

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	NEM / Geologist	9/9/19 1747
¹ Received By:		Christine Castro	EA	9/9/19 1749
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: 5 of 7

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request					Test Instructions / Comments		
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPH _{g,d,o} (8015B/5035)	VOCs (8260B/5035)	TPH _{g,d,o} (8015B)	VOCs (8260B)	Hold	Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO	
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)	TPH _{g,d,o} (8015B/5035)	VOCs (8260B/5035)	TPH _{g,d,o} (8015B)	VOCs (8260B)	Hold		
1	AOC5-B14S-1.5	9/9/19	0904	SOIL	8oz jar	ICE					X		
2	AOC5-B14S-2.5		0905								X		
3	AOC5-B14W-0.5		1100				X						
4	AOC5-B14W-1.5		1101								X		
5	AOC5-B14W-2.5		1103								X		
6	AOC5-B15N-0.5		0845				X						
7	AOC5-B15N-1.5		0848								X		
8	AOC5-B15N-2.5		0850								X		
9	AOC5-B15S-0.5		0852				X						
10	AOC5-B15S-1.5		0854								X		

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	N&M / Geologist	9/9/19 17:47
² Received By:		Christine C.	EA	9/9/19 1749
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)

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request				Test Instructions / Comments		
Company:	Ninyo & Moore	Name:	Compton High School PEA	Lead (6010B)	TPHG,d,o (8015B/5035)	VOCs (8260B/5035)	TPHG,d,o (8015B)	VOCs (8260B)	Hold	Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO
Report To:	Patrick Cullip	Number:	210886002							
Email:	pcullip@ninyoandmoore.com	P.O. #:								
Address:	475 Goddard Ste 200 Irvine, CA 92618	Address:	601 South Acacia Avenue 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)	TPHG,d,o (8015B/5035)	VOCs (8260B/5035)	TPHG,d,o (8015B)	VOCs (8260B)	Hold
1 ACC5-B15S-2.5'	9/9/19	0835	SOIL	8oz jar	ICE						X
2 ACC5-B15W-0.5'		1046				X					
3 ACC5-B15W-1.5'		1054									X
4 ACC5-B15W-2.5'		1055									X
5 ACC2-B2E-5'		1426					X	X			
6 ACC2-B2E-7'		1432									X
7 ACC2-B2W-5'		1510					X	X			
8 ACC2-B2W-7'		1515									X
9 ACC2-B2W-GW		1552	H ₂ O	VARIOUS	ICE				X	X	
10 DUP-48			SOIL	8oz jar	ICE	X					

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	N&M / Geologist	9/9/19 17:47
¹ Received By:		Christine C.	ESB	9/9/19 1749
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:

Page:

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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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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

Please cc results to
khill@ninyoandmoore.com
Please report TPHs as GRO, DRO, MRO

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (60108)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold
1 EB-090919	9/9/19	—	H ₂ O	VARIOUS	ICE	X			X	X	
2 Trip Blank	↓	—	H ₂ O	2-VOCs	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	9/9/19 12:47
¹ Received By:		Christina C.	EA	9/9/19 1749
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Ninyo & Moore Project: _____
 Date Received: 9/9/19 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: 8.7 #2: 2.3 #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: 0.5 #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
sample - 059 (AOC2-B2W-GW) 2/3 vials had headspace greater than 5-6 mm.

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time: _____
 Email (email sent to/on): RC / 9/9/19
 Project Manager's response: _____

Completed By: Date: 9/9/19

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)

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

Lab Request: 419243
Report Date: 09/19/2019
Date Received: 09/10/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia Avenue, Compton, CA 90220

Results reported to RDL per client request.

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.

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>
419243-001	AOC3-B1N-5'	419243-025	AOC3-B3S-5'
419243-002	AOC3-B1N-10'	419243-026	AOC3-B3S-10'
419243-003	AOC3-B1N-15'	419243-027	AOC3-B3S-15'
419243-004	AOC3-B1N-20'	419243-028	AOC3-B3S-20'
419243-005	AOC3-B1E-5'	419243-029	AOC3-B3E-5'
419243-006	AOC3-B1E-10'	419243-030	AOC3-B3E-10'
419243-007	AOC3-B1E-15'	419243-031	AOC3-B3E-15'
419243-008	AOC3-B1E-20'	419243-032	AOC3-B3E-20'
419243-009	AOC3-B2S-5'	419243-033	DUP-49
419243-010	AOC3-B2S-10'	419243-034	DUP-50
419243-011	AOC3-B2S-15'	419243-035	DUP-51
419243-012	AOC3-B2S-20'	419243-036	DUP-52
419243-013	AOC3-B2E-5'	419243-037	EB-091019A
419243-014	AOC3-B2E-10'	419243-038	EB-091019B
419243-015	AOC3-B2E-15'	419243-039	Trip Blank A
419243-016	AOC3-B2E-20'	419243-040	Trip Blank B
419243-017	AOC3-B2N-5'		
419243-018	AOC3-B2N-10'		
419243-019	AOC3-B2N-15'		
419243-020	AOC3-B2N-20'		
419243-021	AOC3-B3W-5'		
419243-022	AOC3-B3W-10'		
419243-023	AOC3-B3W-15'		
419243-024	AOC3-B3W-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

Report Review performed by: Patricia Mata, PM

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 08:30	Site:	
Sample #: <u>419243-001</u>	Client Sample #: AOC3-B1N-5'	Sample Type:

Analyte	Result	DF	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: 09/10/2019 08:35	Site:	
Sample #: <u>419243-002</u>	Client Sample #: AOC3-B1N-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	ND	1.2	3.6	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	114		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ S3
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Acetone	150	0.8	80	ug/Kg		09/14/19	ZZ S3
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Benzene	11	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 08:35	Site:	
Sample #: <u>419243-002</u>	Client Sample #: AOC3-B1N-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ S3
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Toluene	5.8	0.8	4	ug/Kg		09/14/19	ZZ S3
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>	
1,2-Dichloroethane-d4 (SUR)		99		70-145			
4-Bromofluorobenzene (SUR)		103		70-145			
Dibromofluoromethane (SUR)		93		70-145			
Toluene-d8 (SUR)		96		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 08:37	Site:	
Sample #: <u>419243-003</u>	Client Sample #: AOC3-B1N-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.9	2.7	mg/Kg		09/11/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
4-Bromofluorobenzene (SUR)	100		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
Triacotane (SUR)	112		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ S3
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ S3
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Benzene	5.6	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 08:37	Site:	
Sample #: <u>419243-003</u>	Client Sample #: AOC3-B1N-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ S3
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ S3
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ S3

Surrogate	% Recovery	Limits	Notes
1,2-Dichloroethane-d4 (SUR)	93	70-145	
4-Bromofluorobenzene (SUR)	99	70-145	
Dibromofluoromethane (SUR)	91	70-145	
Toluene-d8 (SUR)	100	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 08:40	Site:	
Sample #: <u>419243-004</u>	Client Sample #: AOC3-B1N-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 08:47	Site:	
Sample #: <u>419243-005</u>	Client Sample #: AOC3-B1E-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 09:01	Site:	
Sample #: <u>419243-006</u>	Client Sample #: AOC3-B1E-10'	Sample Type:

Analyte	Result	DF	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: 09/10/2019 09:06	Site:	
Sample #: <u>419243-007</u>	Client Sample #: AOC3-B1E-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.9	2.7	mg/Kg		09/11/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	115		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/10/2019 09:06

Site:

Sample #: 419243-007

Client Sample #: AOC3-B1E-15'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

105

70-145

4-Bromofluorobenzene (SUR)

101

70-145

Dibromofluoromethane (SUR)

98

70-145

Toluene-d8 (SUR)

100

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 09:08	Site:	
Sample #: <u>419243-008</u>	Client Sample #: AOC3-B1E-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/11/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
Triacontane (SUR)	113		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206527				
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/13/19	ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/13/19	ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Benzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Chloroform	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Chloromethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 09:08	Site:	
Sample #: <u>419243-008</u>	Client Sample #: AOC3-B1E-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/13/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/13/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/13/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	121	70-145	
4-Bromofluorobenzene (SUR)	71	70-145	
Dibromofluoromethane (SUR)	97	70-145	
Toluene-d8 (SUR)	95	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:12	Site:	
Sample #: <u>419243-009</u>	Client Sample #: AOC3-B2S-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:16	Site:	
Sample #: <u>419243-010</u>	Client Sample #: AOC3-B2S-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	ND	0.7	2.1	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	95		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	114		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206685				
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/16/19	ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/16/19	ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Benzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Chloroform	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Chloromethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/10/2019 10:16

Site:

Sample #: 419243-010

Client Sample #: AOC3-B2S-10'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/16/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/16/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/16/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

103

70-145

4-Bromofluorobenzene (SUR)

114

70-145

Dibromofluoromethane (SUR)

103

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:18	Site:	
Sample #: <u>419243-011</u>	Client Sample #: AOC3-B2S-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/11/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	114		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206716				
1,1,1,2-Tetrachloroethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,1,1-Trichloroethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,1,2-Trichloroethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,1-Dichloroethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,1-Dichloroethene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,1-Dichloropropene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,2,3-Trichlorobenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,2,3-Trichloropropane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,2,4-Trichlorobenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,2,4-Trimethylbenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,2-Dibromoethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,2-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,2-Dichloroethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,2-Dichloropropane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,3,5-Trimethylbenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,3-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,3-Dichloropropane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
1,4-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
2,2-Dichloropropane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
2-Butanone (MEK)	ND	0.9	90	ug/Kg		09/17/19	ZZ
2-Chlorotoluene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
4-Chlorotoluene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
4-Isopropyltoluene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Acetone	ND	0.9	90	ug/Kg		09/17/19	ZZ
Allyl Chloride	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Benzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Bromobenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Bromochloromethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Bromodichloromethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Bromoform	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Bromomethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Carbon Tetrachloride	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Chlorobenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Chlorodibromomethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Chloroethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Chloroform	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Chloromethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
cis-1,2-Dichloroethene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
cis-1,3-dichloropropene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:18	Site:	
Sample #: <u>419243-011</u>	Client Sample #: AOC3-B2S-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Dichlorodifluoromethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Ethylbenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Hexachlorobutadiene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Isopropylbenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
m and p-Xylene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Methylene chloride	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Naphthalene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
N-butylbenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
N-propylbenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
o-Xylene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Sec-butylbenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Styrene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
t-Butyl alcohol (TBA)	ND	0.9	9	ug/Kg		09/17/19	ZZ
Tert-amylmethylether (TAME)	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Tert-butylbenzene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Tetrachloroethene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Toluene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
trans-1,2-dichloroethene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
trans-1,3-dichloropropene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Trichloroethene	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Trichlorofluoromethane	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Vinyl Chloride	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
Xylenes (Total)	ND	0.9	4.5	ug/Kg		09/17/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		105	70-145				
4-Bromofluorobenzene (SUR)		104	70-145				
Dibromofluoromethane (SUR)		98	70-145				
Toluene-d8 (SUR)		97	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:21	Site:	
Sample #: <u>419243-012</u>	Client Sample #: AOC3-B2S-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:38	Site:	
Sample #: <u>419243-013</u>	Client Sample #: AOC3-B2E-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:42	Site:	
Sample #: 419243-014	Client Sample #: AOC3-B2E-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/11/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	114		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206716				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/17/19	ZZ S3
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Acetone	ND	0.8	80	ug/Kg		09/17/19	ZZ S3
Allyl Chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Benzene	4.2	0.8	4	ug/Kg		09/17/19	ZZ S3
Bromobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Bromochloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Bromodichloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Bromoform	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Bromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Chlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Chloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Chloroform	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
Chloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19	ZZ S3

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:42	Site:	
Sample #: <u>419243-014</u>	Client Sample #: AOC3-B2E-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Ethylbenzene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Isopropylbenzene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
m and p-Xylene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Methylene chloride	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Naphthalene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
N-butylbenzene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
N-propylbenzene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
o-Xylene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Styrene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/17/19 ZZ	S3
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Tetrachloroethene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Toluene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Trichloroethene	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Vinyl Chloride	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
Xylenes (Total)	ND	0.8	4	ug/Kg		09/17/19 ZZ	S3
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>	
1,2-Dichloroethane-d4 (SUR)		83		70-145			
4-Bromofluorobenzene (SUR)		101		70-145			
Dibromofluoromethane (SUR)		90		70-145			
Toluene-d8 (SUR)		106		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:45	Site:	
Sample #: <u>419243-015</u>	Client Sample #: AOC3-B2E-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/11/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	75		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	115		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206716				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/17/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/17/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:45	Site:	
Sample #: 419243-015	Client Sample #: AOC3-B2E-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/17/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/17/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/17/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/17/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	97	70-145	
4-Bromofluorobenzene (SUR)	102	70-145	
Dibromofluoromethane (SUR)	98	70-145	
Toluene-d8 (SUR)	99	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 10:49	Site:	
Sample #: 419243-016	Client Sample #: AOC3-B2E-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 11:18	Site:	
Sample #: <u>419243-017</u>	Client Sample #: AOC3-B2N-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/11/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
4-Bromofluorobenzene (SUR)	70		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
Triacotane (SUR)	113		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/10/2019 11:18

Site:

Sample #: 419243-017

Client Sample #: AOC3-B2N-5'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	105	70-145	
4-Bromofluorobenzene (SUR)	101	70-145	
Dibromofluoromethane (SUR)	98	70-145	
Toluene-d8 (SUR)	101	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 11:21	Site:	
Sample #: 419243-018	Client Sample #: AOC3-B2N-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.7	2.1	mg/Kg		09/11/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	112		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	4.3	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 11:21	Site:	
Sample #: <u>419243-018</u>	Client Sample #: AOC3-B2N-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		107	70-145				
4-Bromofluorobenzene (SUR)		100	70-145				
Dibromofluoromethane (SUR)		98	70-145				
Toluene-d8 (SUR)		99	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 11:24	Site:	
Sample #: <u>419243-019</u>	Client Sample #: AOC3-B2N-15'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 11:27	Site:	
Sample #: <u>419243-020</u>	Client Sample #: AOC3-B2N-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:22	Site:	
Sample #: <u>419243-021</u>	Client Sample #: AOC3-B3W-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/11/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	116		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:22	Site:	
Sample #: <u>419243-021</u>	Client Sample #: AOC3-B3W-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/13/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		101	70-145				
4-Bromofluorobenzene (SUR)		100	70-145				
Dibromofluoromethane (SUR)		97	70-145				
Toluene-d8 (SUR)		100	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:25	Site:	
Sample #: <u>419243-022</u>	Client Sample #: AOC3-B3W-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:28	Site:	
Sample #: <u>419243-023</u>	Client Sample #: AOC3-B3W-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	1.25	3.75	mg/Kg		09/11/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
Triacantane (SUR)	114		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	1	100	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	1	5	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	1	5	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	1	5	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/Kg		09/14/19	ZZ
Acetone	ND	1	100	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	1	5	ug/Kg		09/14/19	ZZ
Benzene	ND	1	5	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	1	5	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	1	5	ug/Kg		09/14/19	ZZ
Bromoform	ND	1	5	ug/Kg		09/14/19	ZZ
Bromomethane	ND	1	5	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	1	5	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	1	5	ug/Kg		09/14/19	ZZ
Chloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
Chloroform	ND	1	5	ug/Kg		09/14/19	ZZ
Chloromethane	ND	1	5	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	1	5	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/14/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:28	Site:	
Sample #: <u>419243-023</u>	Client Sample #: AOC3-B3W-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1	5	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	1	5	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	5	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	5	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	1	5	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	1	5	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	1	5	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1	5	ug/Kg		09/14/19	ZZ
Naphthalene	ND	1	5	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
o-Xylene	ND	1	5	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Styrene	ND	1	5	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	1	10	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	1	5	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
Toluene	ND	1	5	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	1	5	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	1	5	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	1	5	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	1	5	ug/Kg		09/14/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		101	70-145				
4-Bromofluorobenzene (SUR)		99	70-145				
Dibromofluoromethane (SUR)		96	70-145				
Toluene-d8 (SUR)		101	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:30	Site:	
Sample #: <u>419243-024</u>	Client Sample #: AOC3-B3W-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:35	Site:	
Sample #: <u>419243-025</u>	Client Sample #: AOC3-B3S-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:38	Site:	
Sample #: <u>419243-026</u>	Client Sample #: AOC3-B3S-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.7	2.1	mg/Kg		09/12/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
Triacontane (SUR)	112		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/14/19	ZZ S3
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Acetone	85	0.7	70	ug/Kg		09/14/19	ZZ S3
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Benzene	11	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Bromobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Bromoform	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Bromomethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Chloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Chloroform	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Chloromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:38	Site:	
Sample #: <u>419243-026</u>	Client Sample #: AOC3-B3S-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Methylene chloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Naphthalene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
o-Xylene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Styrene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/14/19	ZZ S3
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Toluene	5.0	0.7	3.5	ug/Kg		09/14/19	ZZ S3
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Trichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ S3
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>	
1,2-Dichloroethane-d4 (SUR)		104		70-145			
4-Bromofluorobenzene (SUR)		99		70-145			
Dibromofluoromethane (SUR)		95		70-145			
Toluene-d8 (SUR)		96		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:41	Site:	
Sample #: <u>419243-027</u>	Client Sample #: AOC3-B3S-15'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:56	Site:	
Sample #: <u>419243-028</u>	Client Sample #: AOC3-B3S-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.9	2.7	mg/Kg		09/12/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
Triacontane (SUR)	112		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 13:56	Site:	
Sample #: <u>419243-028</u>	Client Sample #: AOC3-B3S-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	112	70-145	
4-Bromofluorobenzene (SUR)	102	70-145	
Dibromofluoromethane (SUR)	102	70-145	
Toluene-d8 (SUR)	96	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 14:25	Site:	
Sample #: <u>419243-029</u>	Client Sample #: AOC3-B3E-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 14:28	Site:	
Sample #: <u>419243-030</u>	Client Sample #: AOC3-B3E-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/12/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	114		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/10/2019 14:28

Site:

Sample #: 419243-030

Client Sample #: AOC3-B3E-10'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	107	70-145	
4-Bromofluorobenzene (SUR)	99	70-145	
Dibromofluoromethane (SUR)	97	70-145	
Toluene-d8 (SUR)	100	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 14:30	Site:	
Sample #: <u>419243-031</u>	Client Sample #: AOC3-B3E-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/12/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	112		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	5.0	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 14:30	Site:	
Sample #: <u>419243-031</u>	Client Sample #: AOC3-B3E-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	109	70-145	
4-Bromofluorobenzene (SUR)	99	70-145	
Dibromofluoromethane (SUR)	98	70-145	
Toluene-d8 (SUR)	99	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019 14:32	Site:	
Sample #: <u>419243-032</u>	Client Sample #: AOC3-B3E-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-033</u>	Client Sample #: DUP-49	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	1	3	mg/Kg		09/12/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	110		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	1	5	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	1	100	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	1	5	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	1	5	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	1	5	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/Kg		09/14/19	ZZ
Acetone	ND	1	100	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	1	5	ug/Kg		09/14/19	ZZ
Benzene	ND	1	5	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	1	5	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	1	5	ug/Kg		09/14/19	ZZ
Bromoform	ND	1	5	ug/Kg		09/14/19	ZZ
Bromomethane	ND	1	5	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	1	5	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	1	5	ug/Kg		09/14/19	ZZ
Chloroethane	ND	1	5	ug/Kg		09/14/19	ZZ
Chloroform	ND	1	5	ug/Kg		09/14/19	ZZ
Chloromethane	ND	1	5	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	1	5	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/14/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/10/2019

Site:

Sample #: 419243-033

Client Sample #: DUP-49

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1	5	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	1	5	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	5	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	5	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	1	5	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	1	5	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	1	5	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1	5	ug/Kg		09/14/19	ZZ
Naphthalene	ND	1	5	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
o-Xylene	ND	1	5	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Styrene	ND	1	5	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	1	10	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	1	5	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	1	5	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
Toluene	ND	1	5	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	1	5	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	1	5	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	1	5	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	1	5	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	1	5	ug/Kg		09/14/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

109

70-145

4-Bromofluorobenzene (SUR)

98

70-145

Dibromofluoromethane (SUR)

100

70-145

Toluene-d8 (SUR)

98

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: 419243-034	Client Sample #: DUP-50	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.9	2.7	mg/Kg		09/12/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	100		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	84		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	1.1	110	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Acetone	ND	1.1	110	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Benzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Bromoform	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Bromomethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Chloroethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Chloroform	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Chloromethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/10/2019

Site:

Sample #: 419243-034

Client Sample #: DUP-50

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Naphthalene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
o-Xylene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Styrene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	1.1	11	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Toluene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	1.1	5.5	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	1.1	5.5	ug/Kg		09/14/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

102

70-145

4-Bromofluorobenzene (SUR)

100

70-145

Dibromofluoromethane (SUR)

97

70-145

Toluene-d8 (SUR)

101

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-035</u>	Client Sample #: DUP-51	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/12/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
4-Bromofluorobenzene (SUR)	100		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
Triacontane (SUR)	116		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/10/2019

Site:

Sample #: 419243-035

Client Sample #: DUP-51

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

106

70-145

4-Bromofluorobenzene (SUR)

99

70-145

Dibromofluoromethane (SUR)

99

70-145

Toluene-d8 (SUR)

100

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-036</u>	Client Sample #: DUP-52	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206458				
TPH Gasoline	ND	0.9	2.7	mg/Kg		09/12/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	85		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206732				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	119		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206527				
1,1,1,2-Tetrachloroethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,1,1-Trichloroethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,1,2-Trichloroethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,1-Dichloroethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,1-Dichloroethene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,1-Dichloropropene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,2,3-Trichlorobenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,2,3-Trichloropropane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,2,4-Trichlorobenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,2,4-Trimethylbenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,2-Dibromoethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,2-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,2-Dichloroethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,2-Dichloropropane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,3,5-Trimethylbenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,3-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,3-Dichloropropane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
1,4-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
2,2-Dichloropropane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
2-Butanone (MEK)	ND	0.9	90	ug/Kg		09/13/19	ZZ
2-Chlorotoluene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
4-Chlorotoluene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
4-Isopropyltoluene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Acetone	ND	0.9	90	ug/Kg		09/13/19	ZZ
Allyl Chloride	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Benzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Bromobenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Bromochloromethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Bromodichloromethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Bromoform	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Bromomethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Carbon Tetrachloride	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Chlorobenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Chlorodibromomethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Chloroethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Chloroform	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Chloromethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
cis-1,2-Dichloroethene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
cis-1,3-dichloropropene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-036</u>	Client Sample #: DUP-52	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Dichlorodifluoromethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Ethylbenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Hexachlorobutadiene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Isopropylbenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
m and p-Xylene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Methylene chloride	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Naphthalene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
N-butylbenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
N-propylbenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
o-Xylene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Sec-butylbenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Styrene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
t-Butyl alcohol (TBA)	ND	0.9	9	ug/Kg		09/13/19	ZZ
Tert-amylmethylether (TAME)	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Tert-butylbenzene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Tetrachloroethene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Toluene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
trans-1,2-dichloroethene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
trans-1,3-dichloropropene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Trichloroethene	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Trichlorofluoromethane	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Vinyl Chloride	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
Xylenes (Total)	ND	0.9	4.5	ug/Kg		09/13/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>	
1,2-Dichloroethane-d4 (SUR)		115		70-145			
4-Bromofluorobenzene (SUR)		71		70-145			
Dibromofluoromethane (SUR)		99		70-145			
Toluene-d8 (SUR)		94		70-145			

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-037</u>	Client Sample #: EB-091019A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C		QCBatchID: QC1206539				
TPH Diesel	ND	1	0.1	mg/L	09/12/19	09/12/19	TW
TPH Motor Oil	ND	1	0.3	mg/L	09/12/19	09/12/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>				<i>Notes</i>
<i>Triacotane (SUR)</i>	75		50-150				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206158				
TPH Gasoline	ND	1	50	ug/L		09/13/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>				<i>Notes</i>
<i>4-Bromofluorobenzene (SUR)</i>	109		60-140				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206609				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/13/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/13/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/13/19	LZ
Acetone	ND	1	100	ug/L		09/13/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Benzene	ND	1	1	ug/L		09/13/19	LZ
Bromobenzene	ND	1	5	ug/L		09/13/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromoform	ND	1	5	ug/L		09/13/19	LZ
Bromomethane	ND	1	5	ug/L		09/13/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/13/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/13/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/13/19	LZ
Chloroethane	ND	1	5	ug/L		09/13/19	LZ
Chloroform	ND	1	5	ug/L		09/13/19	LZ
Chloromethane	ND	1	5	ug/L		09/13/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/10/2019

Site:

Sample #: **419243-037**

Client Sample #: EB-091019A

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1	5	ug/L		09/13/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/13/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/13/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/13/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/13/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/13/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/13/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/13/19	LZ
Methylene chloride	ND	1	5	ug/L		09/13/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/13/19	LZ
Naphthalene	ND	1	5	ug/L		09/13/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/13/19	LZ
o-Xylene	ND	1	5	ug/L		09/13/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Styrene	ND	1	5	ug/L		09/13/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/13/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/13/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/13/19	LZ
Toluene	ND	1	5	ug/L		09/13/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/13/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Trichloroethene	ND	1	5	ug/L		09/13/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/13/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/13/19	LZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

94

70-145

4-Bromofluorobenzene (SUR)

113

70-145

Dibromofluoromethane (SUR)

101

70-145

Toluene-d8 (SUR)

100

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-038</u>	Client Sample #: EB-091019B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C		QCBatchID: QC1206539				
TPH Diesel	ND	1	0.1	mg/L	09/12/19	09/12/19	TW
TPH Motor Oil	ND	1	0.3	mg/L	09/12/19	09/12/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
<i>Triacotane (SUR)</i>	50		50-150				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206158				
TPH Gasoline	ND	1	50	ug/L		09/13/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
<i>4-Bromofluorobenzene (SUR)</i>	107		60-140				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206609				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/13/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/13/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/13/19	LZ
Acetone	ND	1	100	ug/L		09/13/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Benzene	ND	1	1	ug/L		09/13/19	LZ
Bromobenzene	ND	1	5	ug/L		09/13/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromoform	ND	1	5	ug/L		09/13/19	LZ
Bromomethane	ND	1	5	ug/L		09/13/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/13/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/13/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/13/19	LZ
Chloroethane	ND	1	5	ug/L		09/13/19	LZ
Chloroform	ND	1	5	ug/L		09/13/19	LZ
Chloromethane	ND	1	5	ug/L		09/13/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/10/2019

Site:

Sample #: 419243-038

Client Sample #: EB-091019B

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1	5	ug/L		09/13/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/13/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/13/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/13/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/13/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/13/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/13/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/13/19	LZ
Methylene chloride	ND	1	5	ug/L		09/13/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/13/19	LZ
Naphthalene	ND	1	5	ug/L		09/13/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/13/19	LZ
o-Xylene	ND	1	5	ug/L		09/13/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Styrene	ND	1	5	ug/L		09/13/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/13/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/13/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/13/19	LZ
Toluene	ND	1	5	ug/L		09/13/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/13/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Trichloroethene	ND	1	5	ug/L		09/13/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/13/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/13/19	LZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

95

70-145

4-Bromofluorobenzene (SUR)

115

70-145

Dibromofluoromethane (SUR)

102

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-039</u>	Client Sample #: Trip Blank A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206609	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/13/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/13/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/13/19	LZ
Acetone	ND	1	100	ug/L		09/13/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Benzene	ND	1	1	ug/L		09/13/19	LZ
Bromobenzene	ND	1	5	ug/L		09/13/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromoform	ND	1	5	ug/L		09/13/19	LZ
Bromomethane	ND	1	5	ug/L		09/13/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/13/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/13/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/13/19	LZ
Chloroethane	ND	1	5	ug/L		09/13/19	LZ
Chloroform	ND	1	5	ug/L		09/13/19	LZ
Chloromethane	ND	1	5	ug/L		09/13/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Dibromomethane	ND	1	5	ug/L		09/13/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/13/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/13/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/13/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/13/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/13/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/13/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/13/19	LZ
Methylene chloride	ND	1	5	ug/L		09/13/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/13/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-039</u>	Client Sample #: Trip Blank A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	5	ug/L		09/13/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/13/19	LZ
o-Xylene	ND	1	5	ug/L		09/13/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Styrene	ND	1	5	ug/L		09/13/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/13/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/13/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/13/19	LZ
Toluene	ND	1	5	ug/L		09/13/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/13/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Trichloroethene	ND	1	5	ug/L		09/13/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/13/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/13/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		93	70-145				
4-Bromofluorobenzene (SUR)		115	70-145				
Dibromofluoromethane (SUR)		101	70-145				
Toluene-d8 (SUR)		100	70-145				

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-040</u>	Client Sample #: Trip Blank B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206609	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/13/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/13/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/13/19	LZ
Acetone	ND	1	100	ug/L		09/13/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Benzene	ND	1	1	ug/L		09/13/19	LZ
Bromobenzene	ND	1	5	ug/L		09/13/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromoform	ND	1	5	ug/L		09/13/19	LZ
Bromomethane	ND	1	5	ug/L		09/13/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/13/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/13/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/13/19	LZ
Chloroethane	ND	1	5	ug/L		09/13/19	LZ
Chloroform	ND	1	5	ug/L		09/13/19	LZ
Chloromethane	ND	1	5	ug/L		09/13/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Dibromomethane	ND	1	5	ug/L		09/13/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/13/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/13/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/13/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/13/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/13/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/13/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/13/19	LZ
Methylene chloride	ND	1	5	ug/L		09/13/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/13/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/10/2019	Site:	
Sample #: <u>419243-040</u>	Client Sample #: Trip Blank B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	5	ug/L		09/13/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/13/19	LZ
o-Xylene	ND	1	5	ug/L		09/13/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Styrene	ND	1	5	ug/L		09/13/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/13/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/13/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/13/19	LZ
Toluene	ND	1	5	ug/L		09/13/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/13/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Trichloroethene	ND	1	5	ug/L		09/13/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/13/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/13/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		93	70-145				
4-Bromofluorobenzene (SUR)		115	70-145				
Dibromofluoromethane (SUR)		99	70-145				
Toluene-d8 (SUR)		101	70-145				

QCBatchID: QC1206158	Analyst: sandyw	Method: EPA 8015B
Matrix: Water	Analyzed: 09/12/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206158MB1				
TPH (C5 to C12)	ND	ug/L	50	
TPH (C6 to C10)	ND	ug/L	50	
TPH Gasoline	ND	ug/L	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206158LCS1											
TPH Gasoline	500		530		ug/L	106			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206158MS1, QC1206158MSD1												
TPH Gasoline	ND	500	500	510	530	ug/L	102	106	3.8	70-130	30	Source: 419283-002

QCBatchID: <u>QC1206458</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/11/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206458MB1				
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206458LCS1, QC1206458LCSD1											
TPH Gasoline	5	5	6.1	6.0	mg/Kg	122	120	2	70-130	20	

QCBatchID: <u>QC1206509</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/15/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206509MB1				
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206509LCS1, QC1206509LCSD1											
TPH Gasoline	5	5	6.0	5.9	mg/Kg	120	118	2	70-130	20	

QCBatchID: **QC1206527**

Analyst: Rlee

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/12/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206527MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206527	Analyst: Rlee	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/12/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206527MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206527LCS1											
1,1-Dichloroethene	50		56		ug/Kg	112			59-172		
Benzene	50		61		ug/Kg	122			62-137		
Chlorobenzene	50		55		ug/Kg	110			60-133		
Methyl-t-butyl Ether (MTBE)	50		45		ug/Kg	90			62-137		
Toluene	50		56		ug/Kg	112			59-139		
Trichloroethene	50		48		ug/Kg	96			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206527MS1, QC1206527MSD1												
Source: 419320-001												
1,1-Dichloroethene	ND	50	50	63	59	ug/Kg	126	118	6.6	59-172	22	
Benzene	ND	50	50	68	63	ug/Kg	136	126	7.6	62-137	24	
Chlorobenzene	ND	50	50	59	56	ug/Kg	118	112	5.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	57	52	ug/Kg	114	104	9.2	62-137	21	
Toluene	ND	50	50	61	56	ug/Kg	122	112	8.5	59-139	21	
Trichloroethene	ND	50	50	53	49	ug/Kg	106	98	7.8	66-142	21	

QCBatchID: <u>QC1206539</u>	Analyst: Abanh	Method: EPA 8015B
Matrix: Water	Analyzed: 09/12/2019	Instrument: SVOA-GC (group)

Blank Summary						
Analyte	Blank Result	Units		RDL	Notes	
QC1206539MB1						
TPH (C10 to C22)	ND	mg/L		0.1		
TPH (C22 to C36)	ND	mg/L		0.3		
TPH Diesel	ND	mg/L		0.1		
TPH Motor Oil	ND	mg/L		0.3		

Lab Control Spike/ Lab Control Spike Duplicate Summary											
Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206539LCS1, QC1206539LCSD1											
TPH Diesel	1	1	0.73	0.70	mg/L	73	70	4	1112-99.0	20	

QCBatchID: **QC1206609**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 09/12/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206609MB1				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	
1,1,1-Trichloroethane	ND	ug/L	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	
1,1,2-Trichloroethane	ND	ug/L	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	
1,1-Dichloroethane	ND	ug/L	5	
1,1-Dichloroethene	ND	ug/L	5	
1,1-Dichloropropene	ND	ug/L	5	
1,2,3-Trichlorobenzene	ND	ug/L	5	
1,2,3-Trichloropropane	ND	ug/L	5	
1,2,4-Trichlorobenzene	ND	ug/L	5	
1,2,4-Trimethylbenzene	ND	ug/L	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	5	
1,2-Dibromoethane	ND	ug/L	5	
1,2-Dichlorobenzene	ND	ug/L	5	
1,2-Dichloroethane	ND	ug/L	5	
1,2-Dichloropropane	ND	ug/L	5	
1,3,5-Trimethylbenzene	ND	ug/L	5	
1,3-Dichlorobenzene	ND	ug/L	5	
1,3-Dichloropropane	ND	ug/L	5	
1,4-Dichlorobenzene	ND	ug/L	5	
2,2-Dichloropropane	ND	ug/L	5	
2-Butanone (MEK)	ND	ug/L	100	
2-Chlorotoluene	ND	ug/L	5	
4-Chlorotoluene	ND	ug/L	5	
4-Isopropyltoluene	ND	ug/L	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	
Acetone	ND	ug/L	100	
Allyl Chloride	ND	ug/L	5	
Benzene	ND	ug/L	1	
Bromobenzene	ND	ug/L	5	
Bromochloromethane	ND	ug/L	5	
Bromodichloromethane	ND	ug/L	5	
Bromoform	ND	ug/L	5	
Bromomethane	ND	ug/L	5	
Carbon Tetrachloride	ND	ug/L	5	
Chlorobenzene	ND	ug/L	5	
Chlorodibromomethane	ND	ug/L	5	
Chloroethane	ND	ug/L	5	
Chloroform	ND	ug/L	5	
Chloromethane	ND	ug/L	5	
cis-1,2-Dichloroethene	ND	ug/L	5	
cis-1,3-dichloropropene	ND	ug/L	5	
cis-1,4-dichloro-2-butene	ND	ug/L	5	
Dibromomethane	ND	ug/L	5	
Dichlorodifluoromethane	ND	ug/L	5	
Di-isopropyl ether (DIPE)	ND	ug/L	1	
Ethylbenzene	ND	ug/L	5	
Ethyl-terbutylether (ETBE)	ND	ug/L	1	
Hexachlorobutadiene	ND	ug/L	5	
Isopropylbenzene	ND	ug/L	5	
m and p-Xylene	ND	ug/L	5	

QCBatchID: QC1206609	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 09/12/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206609MB1				
Methylene chloride	ND	ug/L	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	1	
Naphthalene	ND	ug/L	5	
N-butylbenzene	ND	ug/L	5	
N-propylbenzene	ND	ug/L	5	
o-Xylene	ND	ug/L	5	
Sec-butylbenzene	ND	ug/L	5	
Styrene	ND	ug/L	5	
t-Butyl alcohol (TBA)	ND	ug/L	10	
Tert-amylmethylether (TAME)	ND	ug/L	5	
Tert-butylbenzene	ND	ug/L	5	
Tetrachloroethene	ND	ug/L	5	
Toluene	ND	ug/L	5	
trans-1,2-dichloroethene	ND	ug/L	5	
trans-1,3-dichloropropene	ND	ug/L	5	
trans-1,4-dichloro-2-butene	ND	ug/L	5	
Trichloroethene	ND	ug/L	5	
Trichlorofluoromethane	ND	ug/L	5	
Vinyl Chloride	ND	ug/L	5	
Xylenes (Total)	ND	ug/L	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206609LCS1											
1,1-Dichloroethene	50		59		ug/L	118			59-172		
Benzene	50		58		ug/L	116			62-137		
Chlorobenzene	50		54		ug/L	108			60-133		
Methyl-t-butyl Ether (MTBE)	50		51		ug/L	102			62-137		
Toluene	50		57		ug/L	114			59-139		
Trichloroethene	50		57		ug/L	114			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206609MS1, QC1206609MSD1 Source: 419310-001												
1,1-Dichloroethene	ND	50	50	61	58	ug/L	122	116	5.0	59-172	22	
Benzene	ND	50	50	57	58	ug/L	114	116	1.7	62-137	24	
Chlorobenzene	ND	50	50	55	54	ug/L	110	108	1.8	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	50	54	ug/L	100	108	7.7	62-137	21	
Toluene	ND	50	50	58	56	ug/L	116	112	3.5	59-139	21	
Trichloroethene	ND	50	50	59	57	ug/L	118	114	3.4	66-142	21	

QCBatchID: **QC1206685**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/16/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206685MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206685	Analyst: nicollez	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/16/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206685MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206685LCS1											
1,1-Dichloroethene	50		57		ug/Kg	114			59-172		
Benzene	50		56		ug/Kg	112			62-137		
Chlorobenzene	50		52		ug/Kg	104			60-133		
Methyl-t-butyl Ether (MTBE)	50		48		ug/Kg	96			62-137		
Toluene	50		55		ug/Kg	110			59-139		
Trichloroethene	50		56		ug/Kg	112			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206685MS1, QC1206685MSD1												
Source: 419376-005												
1,1-Dichloroethene	ND	50	50	55	53	ug/Kg	110	106	3.7	59-172	22	
Benzene	ND	50	50	53	52	ug/Kg	106	104	1.9	62-137	24	
Chlorobenzene	ND	50	50	48	47	ug/Kg	96	94	2.1	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	50	49	ug/Kg	100	98	2.0	62-137	21	
Toluene	ND	50	50	50	50	ug/Kg	100	100	0.0	59-139	21	
Trichloroethene	ND	50	50	52	52	ug/Kg	104	104	0.0	66-142	21	

QCBatchID: **QC1206716**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/17/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206716MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-terbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206716	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/17/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206716MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206716LCS1											
1,1-Dichloroethene	50		55		ug/Kg	110			59-172		
Benzene	50		54		ug/Kg	108			62-137		
Chlorobenzene	50		53		ug/Kg	106			60-133		
Methyl-t-butyl Ether (MTBE)	50		47		ug/Kg	94			62-137		
Toluene	50		53		ug/Kg	106			59-139		
Trichloroethene	50		55		ug/Kg	110			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206716MS1, QC1206716MSD1												
Source: 419447-001												
1,1-Dichloroethene	ND	50	50	54	56	ug/Kg	108	112	3.6	59-172	22	
Benzene	ND	50	50	51	52	ug/Kg	102	104	1.9	62-137	24	
Chlorobenzene	ND	50	50	47	49	ug/Kg	94	98	4.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	49	46	ug/Kg	98	92	6.3	62-137	21	
Toluene	ND	50	50	49	50	ug/Kg	98	100	2.0	59-139	21	
Trichloroethene	ND	50	50	52	55	ug/Kg	104	110	5.6	66-142	21	

QCBatchID: <u>QC1206732</u>	Analyst: TWu	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/18/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206732MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206732LCS1											
TPH (C10 to C28)	250		240		mg/Kg	96			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206732MS1, QC1206732MSD1												
TPH (C10 to C28)	ND	250	250	240	240	mg/Kg	96	96	0.0	70-130	20	Source: 419243-002

QCBatchID: **QC1206778**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/14/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206778MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-terbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: **QC1206778**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/14/2019

Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206778MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206778LCS1, QC1206778LCSD1											
1,1-Dichloroethene	50	50	57	61	ug/Kg	114	122	7	59-172	22	
Benzene	50	50	52	56	ug/Kg	104	112	7	62-137	24	
Chlorobenzene	50	50	52	54	ug/Kg	104	108	4	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	46	49	ug/Kg	92	98	6	62-137	21	
Toluene	50	50	53	54	ug/Kg	106	108	2	59-139	21	
Trichloroethene	50	50	54	55	ug/Kg	108	110	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:

Page:

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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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & AUC

Please cc results to
khill@ninyoandmoore.com
Please report TPHs as GRO, DRO, MRO

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold							
1 AOC3-BIN-5'	9/10/19	0830	SOIL	1-6" sleeve 5-VoAs	ICE						X							PID: 0.0
2 AOC3-BIN-10'		0835					X	X										PID: 0.5
3 AOC3-BIN-15'		0837					X	X										PID: 0.3
4 AOC3-BIN-20'		0840									X							PID: 0.0
5 AOC3-BIE-5'		0847									X							PID: 0.6
6 AOC3-BIE-10'		0901									X							PID: 0.3
7 AOC3-BIE-15'		0906					X	X										PID: 0.8
8 AOC3-BIE-20'		0908					X	X										PID: 0.6
9 AOC3-BZS-5'		1012									X							PID: 0.0
10 AOC3-BZS-10'		1016					X	X										PID: 0.1

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	N & M	9/10/19 1039
¹ Received By:		G. Kim	BA	9/10/19 1659
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:

3

of

4

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & AUC

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold	Test Instructions / Comments
1 AOC3-B3W-5'	9/10/19	1322	SOIL	1-6" sleeve S-VOLs	ICE	X	X					PID: 0.0
2 AOC3-B3W-10'		1325								X		PID: 0.0
3 AOC3-B3W-15'		1328				X	X					PID: 0.0
4 AOC3-B3W-20'		1330								X		PID: 0.0
5 AOC3-B3S-5'		1335								X		PID: 0.0
6 AOC3-B3S-10'		1338				X	X					PID: 0.0
7 AOC3-B3S-15'		1341								X		PID: 0.0
8 AOC3-B3S-20'		1356				X	X					PID: 0.1
9 AOC3-B3E-5'		1425								X		PID: 0.0
10 AOC3-B3E-10'		1428				X	X					PID: 0.3

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	N & M	9/10/19 1639
¹ Received By:		G. Kim	EA	9/10/19 1639
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: C

Standard: X

5 Day:

3 Day:

Page: 4 of 4

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

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 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	949-753-7070	Global ID:	
Fax:	949-753-7071	Sampled By:	KMH & AUC

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold							
1 AOC3-B3E-15'	9/10/19	1430	SOIL	1-6" sleeve 5-VOAs	ICE		X	X										PID: 0.4
2 AOC3-B3E-20'		1432									X							PID: 0.0
3 DUP-49							X	X										
4 DUP-50							X	X										
5 DUP-51							X	X										
6 DUP-52							X	X										
7 EB-091019A			H ₂ O	1-Amber 5-VOAs					X	X								
8 EB-091019B				1-Amber 5-VOAs					X	X								
9 Trip Blank A				2 VOAs					X	X								
10 Trip Blank B				2 VOAs					X	X								

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Camoli	N & M	9/10/19 11039
¹ Received By:		Kim	ERA	9/10/19 11039
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton High School PEA

Date Received: 9/10/19 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: 5.2 #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: -0.2 #2: 0.0 #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

*015 and 016: Sample times on sample container appears to be switched:
015 listed as 10:42 and 014 listed as 10:45.*

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: 9/10/19



Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
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www.enthalpy.com
info-sc@enthalpy.com



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

Lab Request: 419313
Report Date: 09/30/2019
Date Received: 09/11/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia Avenue, Compton, CA 90220

Supplemental Report 1 - Additional analyses requested on 09/23/19 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.

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>
419313-001	AOC4-SV11N-5'	419313-025	AOC4-SV12E-25'
419313-002	AOC4-SV11N-10'	419313-026	AOC4-SV12E-30'
419313-003	AOC4-SV11N-15'	419313-027	AOC4-SV12E-35'
419313-004	AOC4-SV11N-20'	419313-028	AOC4-SV12E-40'
419313-005	AOC4-SV11N-25'	419313-029	AOC4-SV12E-45'
419313-006	AOC4-SV11N-30'	419313-030	AOC4-SV12E-50'
419313-007	AOC4-SV11N-35'	419313-031	AOC4-SV12E-GW
419313-008	AOC4-SV11N-40'	419313-032	AOC4-SV10S-GW
419313-009	AOC4-SV11N-45'	419313-033	DUP-53
419313-010	AOC4-SV11N-GW	419313-034	EB-091119A
419313-011	AOC4-SV10S-5'	419313-035	EB-091119B
419313-012	AOC4-SV10S-10'	419313-036	Trip Blank A
419313-013	AOC4-SV10S-15'	419313-037	Trip Blank B
419313-014	AOC4-SV10S-20'		
419313-015	AOC4-SV10S-25'		
419313-016	AOC4-SV10S-30'		
419313-017	AOC4-SV10S-35'		
419313-018	AOC4-SV10S-40'		
419313-019	AOC4-SV10S-45'		
419313-020	AOC4-SV10S-50'		
419313-021	AOC4-SV12E-5'		
419313-022	AOC4-SV12E-10'		
419313-023	AOC4-SV12E-15'		
419313-024	AOC4-SV12E-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.

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.

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 08:17	Site:	
Sample #: <u>419313-001</u>	Client Sample #: AOC4-SV11N-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 08:20	Site:	
Sample #: <u>419313-002</u>	Client Sample #: AOC4-SV11N-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 08:23	Site:	
Sample #: <u>419313-003</u>	Client Sample #: AOC4-SV11N-15'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 08:26	Site:	
Sample #: <u>419313-004</u>	Client Sample #: AOC4-SV11N-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 08:34	Site:	
Sample #: <u>419313-005</u>	Client Sample #: AOC4-SV11N-25'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 08:36	Site:	
Sample #: <u>419313-006</u>	Client Sample #: AOC4-SV11N-30'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 08:50	Site:	
Sample #: <u>419313-007</u>	Client Sample #: AOC4-SV11N-35'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	ND	0.85	2.55	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	115		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206610				
TPH Diesel	ND	1	10	mg/Kg	09/12/19	09/16/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/12/19	09/16/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	88		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.9	90	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Acetone	ND	0.9	90	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Benzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 08:50	Site:	
Sample #: <u>419313-007</u>	Client Sample #: AOC4-SV11N-35'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Styrene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.9	9	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Toluene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.9	4.5	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.9	4.5	ug/Kg		09/14/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	108	70-145	
4-Bromofluorobenzene (SUR)	98	70-145	
Dibromofluoromethane (SUR)	100	70-145	
Toluene-d8 (SUR)	100	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 08:55	Site:	
Sample #: <u>419313-008</u>	Client Sample #: AOC4-SV11N-40'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 09:10	Site:	
Sample #: <u>419313-009</u>	Client Sample #: AOC4-SV11N-45'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206610				
TPH Diesel	ND	1	10	mg/Kg	09/12/19	09/16/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/12/19	09/16/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	88		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Benzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019 09:10

Site:

Sample #: 419313-009

Client Sample #: AOC4-SV11N-45'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

110

70-145

4-Bromofluorobenzene (SUR)

98

70-145

Dibromofluoromethane (SUR)

100

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 11:00	Site:	
Sample #: 419313-010	Client Sample #: AOC4-SV11N-GW	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C		QCBatchID: QC1206622				
TPH (C13 to C14)	ND	1.8	0.09	mg/L	09/13/19	09/16/19	TW D1
TPH Diesel	ND	1.8	0.18	mg/L	09/13/19	09/16/19	TW D1
TPH Motor Oil	ND	1.8	0.54	mg/L	09/13/19	09/16/19	TW D1
<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>				
<i>Triacotane (SUR)</i>	72	50-150	<i>Spike amount changed to 0.036 due to sa</i>				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206422				
TPH Gasoline	ND	1	50	ug/L	09/13/19	EW	
<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>				
<i>4-Bromofluorobenzene (SUR)</i>	107	60-140					
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206565				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L	09/12/19	LZ	
1,1,1-Trichloroethane	ND	1	5	ug/L	09/12/19	LZ	
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L	09/12/19	LZ	
1,1,2-Trichloroethane	ND	1	5	ug/L	09/12/19	LZ	
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L	09/12/19	LZ	
1,1-Dichloroethane	ND	1	5	ug/L	09/12/19	LZ	
1,1-Dichloroethene	ND	1	5	ug/L	09/12/19	LZ	
1,1-Dichloropropene	ND	1	5	ug/L	09/12/19	LZ	
1,2,3-Trichlorobenzene	ND	1	5	ug/L	09/12/19	LZ	
1,2,3-Trichloropropane	ND	1	5	ug/L	09/12/19	LZ	
1,2,4-Trichlorobenzene	ND	1	5	ug/L	09/12/19	LZ	
1,2,4-Trimethylbenzene	ND	1	5	ug/L	09/12/19	LZ	
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L	09/12/19	LZ	
1,2-Dibromoethane	ND	1	5	ug/L	09/12/19	LZ	
1,2-Dichlorobenzene	ND	1	5	ug/L	09/12/19	LZ	
1,2-Dichloroethane	ND	1	5	ug/L	09/12/19	LZ	
1,2-Dichloropropane	ND	1	5	ug/L	09/12/19	LZ	
1,3,5-Trimethylbenzene	ND	1	5	ug/L	09/12/19	LZ	
1,3-Dichlorobenzene	ND	1	5	ug/L	09/12/19	LZ	
1,3-Dichloropropane	ND	1	5	ug/L	09/12/19	LZ	
1,4-Dichlorobenzene	ND	1	5	ug/L	09/12/19	LZ	
2,2-Dichloropropane	ND	1	5	ug/L	09/12/19	LZ	
2-Butanone (MEK)	ND	1	100	ug/L	09/12/19	LZ	
2-Chlorotoluene	ND	1	5	ug/L	09/12/19	LZ	
4-Chlorotoluene	ND	1	5	ug/L	09/12/19	LZ	
4-Isopropyltoluene	ND	1	5	ug/L	09/12/19	LZ	
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L	09/12/19	LZ	
Acetone	ND	1	100	ug/L	09/12/19	LZ	
Allyl Chloride	ND	1	5	ug/L	09/12/19	LZ	
Benzene	ND	1	1	ug/L	09/12/19	LZ	
Bromobenzene	ND	1	5	ug/L	09/12/19	LZ	
Bromochloromethane	ND	1	5	ug/L	09/12/19	LZ	
Bromodichloromethane	ND	1	5	ug/L	09/12/19	LZ	
Bromoform	ND	1	5	ug/L	09/12/19	LZ	
Bromomethane	ND	1	5	ug/L	09/12/19	LZ	
Carbon Tetrachloride	ND	1	5	ug/L	09/12/19	LZ	
Chlorobenzene	ND	1	5	ug/L	09/12/19	LZ	
Chlorodibromomethane	ND	1	5	ug/L	09/12/19	LZ	
Chloroethane	ND	1	5	ug/L	09/12/19	LZ	
Chloroform	6.5	1	5	ug/L	09/12/19	LZ	
Chloromethane	ND	1	5	ug/L	09/12/19	LZ	
cis-1,2-Dichloroethene	ND	1	5	ug/L	09/12/19	LZ	
cis-1,3-dichloropropene	ND	1	5	ug/L	09/12/19	LZ	

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 11:00	Site:	
Sample #: <u>419313-010</u>	Client Sample #: AOC4-SV11N-GW	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Dibromomethane	ND	1	5	ug/L		09/12/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/12/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/12/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/12/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/12/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/12/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/12/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/12/19	LZ
Methylene chloride	ND	1	5	ug/L		09/12/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/12/19	LZ
Naphthalene	ND	1	5	ug/L		09/12/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/12/19	LZ
o-Xylene	ND	1	5	ug/L		09/12/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Styrene	ND	1	5	ug/L		09/12/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/12/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/12/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/12/19	LZ
Toluene	ND	1	5	ug/L		09/12/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/12/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Trichloroethene	ND	1	5	ug/L		09/12/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/12/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/12/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		93	70-145				
4-Bromofluorobenzene (SUR)		115	70-145				
Dibromofluoromethane (SUR)		103	70-145				
Toluene-d8 (SUR)		100	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 10:25	Site:	
Sample #: <u>419313-011</u>	Client Sample #: AOC4-SV10S-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 10:27	Site:	
Sample #: <u>419313-012</u>	Client Sample #: AOC4-SV10S-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 10:28	Site:	
Sample #: <u>419313-013</u>	Client Sample #: AOC4-SV10S-15'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 10:30	Site:	
Sample #: <u>419313-014</u>	Client Sample #: AOC4-SV10S-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 10:37	Site:	
Sample #: <u>419313-015</u>	Client Sample #: AOC4-SV10S-25'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206509	
TPH Gasoline	11	0.8	2.4	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	130		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206610	
TPH Diesel	ND	1	10	mg/Kg	09/12/19	09/16/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/12/19	09/16/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	84		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206816	
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/18/19	ZZ S3
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/18/19	ZZ S3
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Benzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Bromobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Chloroform	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Chloromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019 10:37

Site:

Sample #: 419313-015

Client Sample #: AOC4-SV10S-25'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Naphthalene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Sec-butylbenzene	17	0.7	3.5	ug/Kg		09/18/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
t-Butyl alcohol (TBA)	10	0.7	7	ug/Kg		09/18/19	ZZ S3
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ S3
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

112

70-145

4-Bromofluorobenzene (SUR)

106

70-145

Dibromofluoromethane (SUR)

103

70-145

Toluene-d8 (SUR)

105

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 10:45	Site:	
Sample #: 419313-016	Client Sample #: AOC4-SV10S-30'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206509	
TPH Gasoline	320	41	123	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206610	
TPH Diesel	11	1	10	mg/Kg	09/12/19	09/16/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/12/19	09/16/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	85		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206716		
1,1,1,2-Tetrachloroethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,1,1-Trichloroethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,1,2,2-Tetrachloroethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,1,2-Trichloroethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,1,2-Trichlorotrifluoroethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,1-Dichloroethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,1-Dichloroethene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,1-Dichloropropene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,2,3-Trichlorobenzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,2,3-Trichloropropane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,2,4-Trichlorobenzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,2,4-Trimethylbenzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,2-Dibromo-3-chloropropane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,2-Dibromoethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,2-Dichlorobenzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,2-Dichloroethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,2-Dichloropropane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,3,5-Trimethylbenzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,3-Dichlorobenzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,3-Dichloropropane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
1,4-Dichlorobenzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
2,2-Dichloropropane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
2-Butanone (MEK)	ND	41	4100	ug/Kg		09/17/19	ZZ	D2
2-Chlorotoluene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
4-Chlorotoluene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
4-Isopropyltoluene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
4-Methyl-2-pentanone (MIBK)	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Acetone	ND	41	4100	ug/Kg		09/17/19	ZZ	D2
Allyl Chloride	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Benzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Bromobenzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Bromochloromethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Bromodichloromethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Bromoform	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Bromomethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Carbon Tetrachloride	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Chlorobenzene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Chlorodibromomethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Chloroethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Chloroform	ND	41	205	ug/Kg		09/17/19	ZZ	D2
Chloromethane	ND	41	205	ug/Kg		09/17/19	ZZ	D2
cis-1,2-Dichloroethene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
cis-1,3-dichloropropene	ND	41	205	ug/Kg		09/17/19	ZZ	D2
cis-1,4-dichloro-2-butene	ND	41	205	ug/Kg		09/17/19	ZZ	D2

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019 10:45

Site:

Sample #: 419313-016

Client Sample #: AOC4-SV10S-30'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	41	205	ug/Kg		09/17/19	ZZ D2
Dichlorodifluoromethane	ND	41	205	ug/Kg		09/17/19	ZZ D2
Di-isopropyl ether (DIPE)	ND	41	205	ug/Kg		09/17/19	ZZ D2
Ethylbenzene	ND	41	205	ug/Kg		09/17/19	ZZ D2
Ethyl-tertbutylether (ETBE)	ND	41	205	ug/Kg		09/17/19	ZZ D2
Hexachlorobutadiene	ND	41	205	ug/Kg		09/17/19	ZZ D2
Isopropylbenzene	ND	41	205	ug/Kg		09/17/19	ZZ D2
m and p-Xylene	ND	41	205	ug/Kg		09/17/19	ZZ D2
Methylene chloride	ND	41	205	ug/Kg		09/17/19	ZZ D2
Methyl-t-butyl Ether (MTBE)	ND	41	205	ug/Kg		09/17/19	ZZ D2
Naphthalene	ND	41	205	ug/Kg		09/17/19	ZZ D2
N-butylbenzene	ND	41	205	ug/Kg		09/17/19	ZZ D2
N-propylbenzene	ND	41	205	ug/Kg		09/17/19	ZZ D2
o-Xylene	ND	41	205	ug/Kg		09/17/19	ZZ D2
Sec-butylbenzene	350	41	205	ug/Kg		09/17/19	ZZ D2
Styrene	ND	41	205	ug/Kg		09/17/19	ZZ D2
t-Butyl alcohol (TBA)	ND	41	410	ug/Kg		09/17/19	ZZ D2
Tert-amylmethylether (TAME)	ND	41	205	ug/Kg		09/17/19	ZZ D2
Tert-butylbenzene	ND	41	205	ug/Kg		09/17/19	ZZ D2
Tetrachloroethene	ND	41	205	ug/Kg		09/17/19	ZZ D2
Toluene	ND	41	205	ug/Kg		09/17/19	ZZ D2
trans-1,2-dichloroethene	ND	41	205	ug/Kg		09/17/19	ZZ D2
trans-1,3-dichloropropene	ND	41	205	ug/Kg		09/17/19	ZZ D2
trans-1,4-dichloro-2-butene	ND	41	205	ug/Kg		09/17/19	ZZ D2
Trichloroethene	ND	41	205	ug/Kg		09/17/19	ZZ D2
Trichlorofluoromethane	ND	41	205	ug/Kg		09/17/19	ZZ D2
Vinyl Chloride	ND	41	205	ug/Kg		09/17/19	ZZ D2
Xylenes (Total)	ND	41	205	ug/Kg		09/17/19	ZZ D2

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

97

70-145

4-Bromofluorobenzene (SUR)

108

70-145

Dibromofluoromethane (SUR)

94

70-145

Toluene-d8 (SUR)

105

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 10:50	Site:	
Sample #: <u>419313-017</u>	Client Sample #: AOC4-SV10S-35'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206509	
TPH Gasoline	2.3	0.7	2.1	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	130		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206610	
TPH Diesel	ND	1	10	mg/Kg	09/12/19	09/17/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/12/19	09/17/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	82		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206716	
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/17/19	ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/17/19	ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Benzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Chloroform	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Chloromethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019 10:50

Site:

Sample #: **419313-017**

Client Sample #: AOC4-SV10S-35'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Sec-butylbenzene	5.5	0.7	3.5	ug/Kg		09/17/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/17/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/17/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/17/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

106

70-145

4-Bromofluorobenzene (SUR)

105

70-145

Dibromofluoromethane (SUR)

102

70-145

Toluene-d8 (SUR)

102

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 11:40	Site:	
Sample #: 419313-018	Client Sample #: AOC4-SV10S-40'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	ND	0.75	2.25	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	70		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206610				
TPH Diesel	ND	1	10	mg/Kg	09/12/19	09/17/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/12/19	09/17/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	86		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 11:40	Site:	
Sample #: <u>419313-018</u>	Client Sample #: AOC4-SV10S-40'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		110	70-145				
4-Bromofluorobenzene (SUR)		103	70-145				
Dibromofluoromethane (SUR)		100	70-145				
Toluene-d8 (SUR)		96	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 11:51	Site:	
Sample #: <u>419313-019</u>	Client Sample #: AOC4-SV10S-45'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 11:57	Site:	
Sample #: <u>419313-020</u>	Client Sample #: AOC4-SV10S-50'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 12:27	Site:	
Sample #: <u>419313-021</u>	Client Sample #: AOC4-SV12E-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 12:30	Site:	
Sample #: <u>419313-022</u>	Client Sample #: AOC4-SV12E-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 12:31	Site:	
Sample #: <u>419313-023</u>	Client Sample #: AOC4-SV12E-15'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 12:34	Site:	
Sample #: <u>419313-024</u>	Client Sample #: AOC4-SV12E-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 12:40	Site:	
Sample #: <u>419313-025</u>	Client Sample #: AOC4-SV12E-25'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>N/A</i>	Prep Method: <i>N/A</i>	1				QCBatchID:	
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206588	
TPH Gasoline	ND	0.7	2.1	mg/Kg	09/24/19	EW	
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	110		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206913	
TPH Diesel	ND	1	10	mg/Kg	09/23/19	09/24/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/23/19	09/24/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	91		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206960	
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
2-Butanone (MEK)	ND	0.7	70	ug/Kg	09/23/19	ZZ	
2-Chlorotoluene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
4-Chlorotoluene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Acetone	ND	0.7	70	ug/Kg	09/23/19	ZZ	
Allyl Chloride	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Benzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromochloromethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromodichloromethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromoform	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromomethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chlorodibromomethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chloroform	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chloromethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019 12:40

Site:

Sample #: 419313-025

Client Sample #: AOC4-SV12E-25'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Dibromomethane	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/23/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

99

70-145

4-Bromofluorobenzene (SUR)

110

70-145

Dibromofluoromethane (SUR)

101

70-145

Toluene-d8 (SUR)

98

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 12:48	Site:	
Sample #: <u>419313-026</u>	Client Sample #: AOC4-SV12E-30'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206509	
TPH Gasoline	440	37	111	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206703	
TPH Diesel	120	1	10	mg/Kg	09/16/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/16/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	95		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206716	
1,1,1,2-Tetrachloroethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,1,1-Trichloroethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,1,2,2-Tetrachloroethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,1,2-Trichloroethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,1-Dichloroethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,1-Dichloroethene	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,1-Dichloropropene	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,2,3-Trichlorobenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,2,3-Trichloropropane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,2,4-Trichlorobenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,2,4-Trimethylbenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,2-Dibromo-3-chloropropane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,2-Dibromoethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,2-Dichlorobenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,2-Dichloroethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,2-Dichloropropane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,3,5-Trimethylbenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,3-Dichlorobenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,3-Dichloropropane	ND	36.8	184	ug/Kg		09/17/19	ZZ
1,4-Dichlorobenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
2,2-Dichloropropane	ND	36.8	184	ug/Kg		09/17/19	ZZ
2-Butanone (MEK)	ND	36.8	3680	ug/Kg		09/17/19	ZZ
2-Chlorotoluene	ND	36.8	184	ug/Kg		09/17/19	ZZ
4-Chlorotoluene	ND	36.8	184	ug/Kg		09/17/19	ZZ
4-Isopropyltoluene	ND	36.8	184	ug/Kg		09/17/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	36.8	184	ug/Kg		09/17/19	ZZ
Acetone	ND	36.8	3680	ug/Kg		09/17/19	ZZ
Allyl Chloride	ND	36.8	184	ug/Kg		09/17/19	ZZ
Benzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Bromobenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Bromochloromethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
Bromodichloromethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
Bromoform	ND	36.8	184	ug/Kg		09/17/19	ZZ
Bromomethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
Carbon Tetrachloride	ND	36.8	184	ug/Kg		09/17/19	ZZ
Chlorobenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Chlorodibromomethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
Chloroethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
Chloroform	ND	36.8	184	ug/Kg		09/17/19	ZZ
Chloromethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
cis-1,2-Dichloroethene	ND	36.8	184	ug/Kg		09/17/19	ZZ
cis-1,3-dichloropropene	ND	36.8	184	ug/Kg		09/17/19	ZZ
cis-1,4-dichloro-2-butene	ND	36.8	184	ug/Kg		09/17/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019 12:48

Site:

Sample #: 419313-026

Client Sample #: AOC4-SV12E-30'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
Dichlorodifluoromethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
Di-isopropyl ether (DIPE)	ND	36.8	184	ug/Kg		09/17/19	ZZ
Ethylbenzene	220	36.8	184	ug/Kg		09/17/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	36.8	184	ug/Kg		09/17/19	ZZ
Hexachlorobutadiene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Isopropylbenzene	1000	36.8	184	ug/Kg		09/17/19	ZZ
m and p-Xylene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Methylene chloride	ND	36.8	184	ug/Kg		09/17/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	36.8	184	ug/Kg		09/17/19	ZZ
Naphthalene	ND	36.8	184	ug/Kg		09/17/19	ZZ
N-butylbenzene	350	36.8	184	ug/Kg		09/17/19	ZZ
N-propylbenzene	1100	36.8	184	ug/Kg		09/17/19	ZZ
o-Xylene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Sec-butylbenzene	490	36.8	184	ug/Kg		09/17/19	ZZ
Styrene	ND	36.8	184	ug/Kg		09/17/19	ZZ
t-Butyl alcohol (TBA)	ND	36.8	368	ug/Kg		09/17/19	ZZ
Tert-amylmethylether (TAME)	ND	36.8	184	ug/Kg		09/17/19	ZZ
Tert-butylbenzene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Tetrachloroethene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Toluene	ND	36.8	184	ug/Kg		09/17/19	ZZ
trans-1,2-dichloroethene	ND	36.8	184	ug/Kg		09/17/19	ZZ
trans-1,3-dichloropropene	ND	36.8	184	ug/Kg		09/17/19	ZZ
trans-1,4-dichloro-2-butene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Trichloroethene	ND	36.8	184	ug/Kg		09/17/19	ZZ
Trichlorofluoromethane	ND	36.8	184	ug/Kg		09/17/19	ZZ
Vinyl Chloride	ND	36.8	184	ug/Kg		09/17/19	ZZ
Xylenes (Total)	ND	36.8	184	ug/Kg		09/17/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

100

70-145

4-Bromofluorobenzene (SUR)

108

70-145

Dibromofluoromethane (SUR)

100

70-145

Toluene-d8 (SUR)

105

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 12:53	Site:	
Sample #: <u>419313-027</u>	Client Sample #: AOC4-SV12E-35'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	6.8	0.8	2.4	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206703				
TPH Diesel	41	1	10	mg/Kg	09/16/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/16/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	92		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	4.4	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 12:53	Site:	
Sample #: <u>419313-027</u>	Client Sample #: AOC4-SV12E-35'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	16	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	42	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	4.3	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	34	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	9.9	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>	
1,2-Dichloroethane-d4 (SUR)		113		70-145			
4-Bromofluorobenzene (SUR)		108		70-145			
Dibromofluoromethane (SUR)		103		70-145			
Toluene-d8 (SUR)		109		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 13:04	Site:	
Sample #: <u>419313-028</u>	Client Sample #: AOC4-SV12E-40'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	ND	1.1	3.3	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	125		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206703				
TPH Diesel	ND	1	10	mg/Kg	09/16/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/16/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	91		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	3.6	0.7	3.5	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Benzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 13:04	Site:	
Sample #: <u>419313-028</u>	Client Sample #: AOC4-SV12E-40'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Isopropylbenzene	3.5	0.7	3.5	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
N-propylbenzene	3.9	0.7	3.5	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/14/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		107	70-145				
4-Bromofluorobenzene (SUR)		105	70-145				
Dibromofluoromethane (SUR)		99	70-145				
Toluene-d8 (SUR)		100	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 13:13	Site:	
Sample #: <u>419313-029</u>	Client Sample #: AOC4-SV12E-45'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 13:18	Site:	
Sample #: <u>419313-030</u>	Client Sample #: AOC4-SV12E-50'	Sample Type:

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

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 14:45	Site:	
Sample #: <u>419313-031</u>	Client Sample #: AOC4-SV12E-GW	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C					QCBatchID: QC1206622	
TPH (C13 to C14)	ND	1.3	0.065	mg/L	09/13/19	09/16/19	TW D1
TPH Diesel	0.13	1.3	0.13	mg/L	09/13/19	09/16/19	TW D1
TPH Motor Oil	ND	1.3	0.39	mg/L	09/13/19	09/16/19	TW D1
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
<i>Triacotane (SUR)</i>	<i>70</i>		<i>50-150</i>		<i>Spike amount changed to 0.0256 due to s</i>		
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206422	
TPH Gasoline	ND	1	50	ug/L		09/13/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
<i>4-Bromofluorobenzene (SUR)</i>	<i>107</i>		<i>60-140</i>				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206565	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/12/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/12/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/12/19	LZ
Acetone	ND	1	100	ug/L		09/12/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Benzene	ND	1	1	ug/L		09/12/19	LZ
Bromobenzene	ND	1	5	ug/L		09/12/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromoform	ND	1	5	ug/L		09/12/19	LZ
Bromomethane	ND	1	5	ug/L		09/12/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/12/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/12/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/12/19	LZ
Chloroethane	ND	1	5	ug/L		09/12/19	LZ
Chloroform	ND	1	5	ug/L		09/12/19	LZ
Chloromethane	ND	1	5	ug/L		09/12/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019 14:45

Site:

Sample #: **419313-031**

Client Sample #: AOC4-SV12E-GW

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Dibromomethane	ND	1	5	ug/L		09/12/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/12/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/12/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/12/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/12/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/12/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/12/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/12/19	LZ
Methylene chloride	ND	1	5	ug/L		09/12/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/12/19	LZ
Naphthalene	ND	1	5	ug/L		09/12/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/12/19	LZ
o-Xylene	ND	1	5	ug/L		09/12/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Styrene	ND	1	5	ug/L		09/12/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/12/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/12/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/12/19	LZ
Toluene	ND	1	5	ug/L		09/12/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/12/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Trichloroethene	ND	1	5	ug/L		09/12/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/12/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/12/19	LZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

96

70-145

4-Bromofluorobenzene (SUR)

114

70-145

Dibromofluoromethane (SUR)

105

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019 15:30	Site:	
Sample #: <u>419313-032</u>	Client Sample #: AOC4-SV10S-GW	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C		QCBatchID: QC1206622				
TPH (C13 to C14)	ND	5.3	0.265	mg/L	09/13/19	09/16/19	TW D1
TPH Diesel	ND	5.3	0.53	mg/L	09/13/19	09/16/19	TW D1
TPH Motor Oil	ND	5.3	1.59	mg/L	09/13/19	09/16/19	TW D1

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
<i>Triacotane (SUR)</i>	79	50-150	Spike amount changed to 0.105 due to sa

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206422				
TPH Gasoline	ND	1	50	ug/L		09/13/19	EW
<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>				
<i>4-Bromofluorobenzene (SUR)</i>	105	60-140					

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206565				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/12/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/12/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/12/19	LZ
Acetone	ND	1	100	ug/L		09/12/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Benzene	ND	1	1	ug/L		09/12/19	LZ
Bromobenzene	ND	1	5	ug/L		09/12/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromoform	ND	1	5	ug/L		09/12/19	LZ
Bromomethane	ND	1	5	ug/L		09/12/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/12/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/12/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/12/19	LZ
Chloroethane	ND	1	5	ug/L		09/12/19	LZ
Chloroform	ND	1	5	ug/L		09/12/19	LZ
Chloromethane	ND	1	5	ug/L		09/12/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019 15:30

Site:

Sample #: 419313-032

Client Sample #: AOC4-SV10S-GW

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Dibromomethane	ND	1	5	ug/L		09/12/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/12/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/12/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/12/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/12/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/12/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/12/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/12/19	LZ
Methylene chloride	ND	1	5	ug/L		09/12/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/12/19	LZ
Naphthalene	ND	1	5	ug/L		09/12/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/12/19	LZ
o-Xylene	ND	1	5	ug/L		09/12/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Styrene	ND	1	5	ug/L		09/12/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/12/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/12/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/12/19	LZ
Toluene	ND	1	5	ug/L		09/12/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/12/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Trichloroethene	ND	1	5	ug/L		09/12/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/12/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/12/19	LZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

96

70-145

4-Bromofluorobenzene (SUR)

116

70-145

Dibromofluoromethane (SUR)

104

70-145

Toluene-d8 (SUR)

101

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019	Site:	
Sample #: <u>419313-033</u>	Client Sample #: DUP-53	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	125		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206703				
TPH Diesel	ND	1	10	mg/Kg	09/16/19	09/18/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/16/19	09/18/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	90		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206778				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/14/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/14/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/14/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/14/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019

Site:

Sample #: 419313-033

Client Sample #: DUP-53

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/14/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/14/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/14/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/14/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/14/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/14/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/14/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

107

70-145

4-Bromofluorobenzene (SUR)

101

70-145

Dibromofluoromethane (SUR)

98

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019	Site:	
Sample #: <u>419313-034</u>	Client Sample #: EB-091119A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C		QCBatchID: QC1206622				
TPH (C13 to C14)	ND	1	0.05	mg/L	09/13/19	09/16/19	TW
TPH Diesel	ND	1	0.1	mg/L	09/13/19	09/16/19	TW
TPH Motor Oil	ND	1	0.3	mg/L	09/13/19	09/16/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
<i>Triacotane (SUR)</i>	60		50-150				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206422				
TPH Gasoline	ND	1	50	ug/L		09/13/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
<i>4-Bromofluorobenzene (SUR)</i>	109		60-140				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206565				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/12/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/12/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/12/19	LZ
Acetone	ND	1	100	ug/L		09/12/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Benzene	ND	1	1	ug/L		09/12/19	LZ
Bromobenzene	ND	1	5	ug/L		09/12/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromoform	ND	1	5	ug/L		09/12/19	LZ
Bromomethane	ND	1	5	ug/L		09/12/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/12/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/12/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/12/19	LZ
Chloroethane	ND	1	5	ug/L		09/12/19	LZ
Chloroform	ND	1	5	ug/L		09/12/19	LZ
Chloromethane	ND	1	5	ug/L		09/12/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019

Site:

Sample #: 419313-034

Client Sample #: EB-091119A

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Dibromomethane	ND	1	5	ug/L		09/12/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/12/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/12/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/12/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/12/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/12/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/12/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/12/19	LZ
Methylene chloride	ND	1	5	ug/L		09/12/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/12/19	LZ
Naphthalene	ND	1	5	ug/L		09/12/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/12/19	LZ
o-Xylene	ND	1	5	ug/L		09/12/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Styrene	ND	1	5	ug/L		09/12/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/12/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/12/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/12/19	LZ
Toluene	ND	1	5	ug/L		09/12/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/12/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Trichloroethene	ND	1	5	ug/L		09/12/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/12/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/12/19	LZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

94

70-145

4-Bromofluorobenzene (SUR)

115

70-145

Dibromofluoromethane (SUR)

102

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019	Site:	
Sample #: <u>419313-035</u>	Client Sample #: EB-091119B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C		QCBatchID: QC1206622				
TPH (C13 to C14)	ND	1	0.05	mg/L	09/13/19	09/16/19	TW
TPH Diesel	ND	1	0.1	mg/L	09/13/19	09/16/19	TW
TPH Motor Oil	ND	1	0.3	mg/L	09/13/19	09/16/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
<i>Triacotane (SUR)</i>	65		50-150				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206422				
TPH Gasoline	ND	1	50	ug/L		09/13/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
<i>4-Bromofluorobenzene (SUR)</i>	106		60-140				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206565				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/12/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/12/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/12/19	LZ
Acetone	ND	1	100	ug/L		09/12/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Benzene	ND	1	1	ug/L		09/12/19	LZ
Bromobenzene	ND	1	5	ug/L		09/12/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromoform	ND	1	5	ug/L		09/12/19	LZ
Bromomethane	ND	1	5	ug/L		09/12/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/12/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/12/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/12/19	LZ
Chloroethane	ND	1	5	ug/L		09/12/19	LZ
Chloroform	ND	1	5	ug/L		09/12/19	LZ
Chloromethane	ND	1	5	ug/L		09/12/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019

Site:

Sample #: 419313-035

Client Sample #: EB-091119B

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Dibromomethane	ND	1	5	ug/L		09/12/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/12/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/12/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/12/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/12/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/12/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/12/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/12/19	LZ
Methylene chloride	ND	1	5	ug/L		09/12/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/12/19	LZ
Naphthalene	ND	1	5	ug/L		09/12/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/12/19	LZ
o-Xylene	ND	1	5	ug/L		09/12/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Styrene	ND	1	5	ug/L		09/12/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/12/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/12/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/12/19	LZ
Toluene	ND	1	5	ug/L		09/12/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/12/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Trichloroethene	ND	1	5	ug/L		09/12/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/12/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/12/19	LZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

92

70-145

4-Bromofluorobenzene (SUR)

115

70-145

Dibromofluoromethane (SUR)

100

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019

Site:

Sample #: 419313-036

Client Sample #: Trip Blank A

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206565	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/12/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/12/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/12/19	LZ
Acetone	ND	1	100	ug/L		09/12/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Benzene	ND	1	1	ug/L		09/12/19	LZ
Bromobenzene	ND	1	5	ug/L		09/12/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromoform	ND	1	5	ug/L		09/12/19	LZ
Bromomethane	ND	1	5	ug/L		09/12/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/12/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/12/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/12/19	LZ
Chloroethane	ND	1	5	ug/L		09/12/19	LZ
Chloroform	ND	1	5	ug/L		09/12/19	LZ
Chloromethane	ND	1	5	ug/L		09/12/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Dibromomethane	ND	1	5	ug/L		09/12/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/12/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/12/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/12/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/12/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/12/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/12/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/12/19	LZ
Methylene chloride	ND	1	5	ug/L		09/12/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/12/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019

Site:

Sample #: 419313-036

Client Sample #: Trip Blank A

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	5	ug/L		09/12/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/12/19	LZ
o-Xylene	ND	1	5	ug/L		09/12/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Styrene	ND	1	5	ug/L		09/12/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/12/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/12/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/12/19	LZ
Toluene	ND	1	5	ug/L		09/12/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/12/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Trichloroethene	ND	1	5	ug/L		09/12/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/12/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/12/19	LZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

94

70-145

4-Bromofluorobenzene (SUR)

115

70-145

Dibromofluoromethane (SUR)

102

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/11/2019

Site:

Sample #: **419313-037**

Client Sample #: Trip Blank B

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206565	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/12/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/12/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/12/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/12/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/12/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/12/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/12/19	LZ
Acetone	ND	1	100	ug/L		09/12/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Benzene	ND	1	1	ug/L		09/12/19	LZ
Bromobenzene	ND	1	5	ug/L		09/12/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/12/19	LZ
Bromoform	ND	1	5	ug/L		09/12/19	LZ
Bromomethane	ND	1	5	ug/L		09/12/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/12/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/12/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/12/19	LZ
Chloroethane	ND	1	5	ug/L		09/12/19	LZ
Chloroform	ND	1	5	ug/L		09/12/19	LZ
Chloromethane	ND	1	5	ug/L		09/12/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/12/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Dibromomethane	ND	1	5	ug/L		09/12/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/12/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/12/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/12/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/12/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/12/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/12/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/12/19	LZ
Methylene chloride	ND	1	5	ug/L		09/12/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/12/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/11/2019	Site:	
Sample #: <u>419313-037</u>	Client Sample #: Trip Blank B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	5	ug/L		09/12/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/12/19	LZ
o-Xylene	ND	1	5	ug/L		09/12/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Styrene	ND	1	5	ug/L		09/12/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/12/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/12/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/12/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/12/19	LZ
Toluene	ND	1	5	ug/L		09/12/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/12/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/12/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/12/19	LZ
Trichloroethene	ND	1	5	ug/L		09/12/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/12/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/12/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/12/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		94	70-145				
4-Bromofluorobenzene (SUR)		113	70-145				
Dibromofluoromethane (SUR)		104	70-145				
Toluene-d8 (SUR)		100	70-145				

QCBatchID: <u>QC1206422</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Water	Analyzed: 09/13/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206422MB1				
TPH Gasoline	ND	ug/L	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206422LCS1											
TPH Gasoline	500		540		ug/L	108			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206422MS1, QC1206422MSD1												
TPH Gasoline	ND	500	500	530	530	ug/L	106	106	0.0	70-130	30	

QCBatchID: <u>QC1206509</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/15/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206509MB1				
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206509LCS1, QC1206509LCSD1											
TPH Gasoline	5	5	6.0	5.9	mg/Kg	120	118	2	70-130	20	

QCBatchID: **QC1206565**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 09/12/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206565MB1				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	
1,1,1-Trichloroethane	ND	ug/L	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	
1,1,2-Trichloroethane	ND	ug/L	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	
1,1-Dichloroethane	ND	ug/L	5	
1,1-Dichloroethene	ND	ug/L	5	
1,1-Dichloropropene	ND	ug/L	5	
1,2,3-Trichlorobenzene	ND	ug/L	5	
1,2,3-Trichloropropane	ND	ug/L	5	
1,2,4-Trichlorobenzene	ND	ug/L	5	
1,2,4-Trimethylbenzene	ND	ug/L	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	5	
1,2-Dibromoethane	ND	ug/L	5	
1,2-Dichlorobenzene	ND	ug/L	5	
1,2-Dichloroethane	ND	ug/L	5	
1,2-Dichloropropane	ND	ug/L	5	
1,3,5-Trimethylbenzene	ND	ug/L	5	
1,3-Dichlorobenzene	ND	ug/L	5	
1,3-Dichloropropane	ND	ug/L	5	
1,4-Dichlorobenzene	ND	ug/L	5	
2,2-Dichloropropane	ND	ug/L	5	
2-Butanone (MEK)	ND	ug/L	100	
2-Chloroethyl Vinyl Ether	ND	ug/L	10	
2-Chlorotoluene	ND	ug/L	5	
4-Chlorotoluene	ND	ug/L	5	
4-Isopropyltoluene	ND	ug/L	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	
Acetone	ND	ug/L	100	
Allyl Chloride	ND	ug/L	5	
Benzene	ND	ug/L	1	
Bromobenzene	ND	ug/L	5	
Bromochloromethane	ND	ug/L	5	
Bromodichloromethane	ND	ug/L	5	
Bromoform	ND	ug/L	5	
Bromomethane	ND	ug/L	5	
Carbon Tetrachloride	ND	ug/L	5	
Chlorobenzene	ND	ug/L	5	
Chlorodibromomethane	ND	ug/L	5	
Chloroethane	ND	ug/L	5	
Chloroform	ND	ug/L	5	
Chloromethane	ND	ug/L	5	
cis-1,2-Dichloroethene	ND	ug/L	5	
cis-1,3-dichloropropene	ND	ug/L	5	
cis-1,4-dichloro-2-butene	ND	ug/L	5	
Dibromomethane	ND	ug/L	5	
Dichlorodifluoromethane	ND	ug/L	5	
Di-isopropyl ether (DIPE)	ND	ug/L	1	
Ethylbenzene	ND	ug/L	5	
Ethyl-tertbutylether (ETBE)	ND	ug/L	1	
Hexachlorobutadiene	ND	ug/L	5	
Isopropylbenzene	ND	ug/L	5	

QCBatchID: QC1206565	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 09/12/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206565MB1				
m and p-Xylene	ND	ug/L	5	
Methylene chloride	ND	ug/L	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	1	
Naphthalene	ND	ug/L	5	
N-butylbenzene	ND	ug/L	5	
N-propylbenzene	ND	ug/L	5	
o-Xylene	ND	ug/L	5	
Sec-butylbenzene	ND	ug/L	5	
Styrene	ND	ug/L	5	
t-Butyl alcohol (TBA)	ND	ug/L	10	
Tert-amylmethylether (TAME)	ND	ug/L	5	
Tert-butylbenzene	ND	ug/L	5	
Tetrachloroethene	ND	ug/L	5	
Toluene	ND	ug/L	5	
trans-1,2-dichloroethene	ND	ug/L	5	
trans-1,3-dichloropropene	ND	ug/L	5	
trans-1,4-dichloro-2-butene	ND	ug/L	5	
Trichloroethene	ND	ug/L	5	
Trichlorofluoromethane	ND	ug/L	5	
Vinyl Chloride	ND	ug/L	5	
Xylenes (Total)	ND	ug/L	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206565LCS1											
1,1-Dichloroethene	50		57		ug/L	114			59-172		
Benzene	50		56		ug/L	112			62-137		
Chlorobenzene	50		54		ug/L	108			60-133		
Methyl-t-butyl Ether (MTBE)	50		48		ug/L	96			62-137		
Toluene	50		57		ug/L	114			59-139		
Trichloroethene	50		58		ug/L	116			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206565MS1, QC1206565MSD1												
Source: 419313-010												
1,1-Dichloroethene	ND	50	50	60	58	ug/L	120	116	3.4	59-172	22	
Benzene	ND	50	50	58	57	ug/L	116	114	1.7	62-137	24	
Chlorobenzene	ND	50	50	55	53	ug/L	110	106	3.7	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	51	51	ug/L	102	102	0.0	62-137	21	
Toluene	ND	50	50	59	56	ug/L	118	112	5.2	59-139	21	
Trichloroethene	ND	50	50	59	56	ug/L	118	112	5.2	66-142	21	

QCBatchID: <u>QC1206588</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/24/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206588MB1				
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206588LCS1, QC1206588LCSD1											
TPH Gasoline	5	5	5.8	5.8	mg/Kg	116	116	0	70-130	20	

QCBatchID: QC1206610	Analyst: ssabir	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/16/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206610MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH (C13 to C22)	ND	mg/Kg	10	
TPH (C23 to C44)	ND	mg/Kg	10	
TPH (C28 to C40)	ND	mg/Kg	10	
TPH (C6 to C10)	ND	mg/Kg	10	
TPH (C6 to C12)	ND	mg/Kg	10	
TPH (C8 to C10)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Gasoline	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206610LCS1											
TPH (C10 to C28)	250		240		mg/Kg	96			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206610MS1, QC1206610MSD1												
TPH (C10 to C28)	ND	250	250	230	210	mg/Kg	92	84	9.1	70-130	20	Source: 419204-023

QCBatchID: <u>QC1206622</u>	Analyst: Abanh	Method: EPA 8015B
Matrix: Water	Analyzed: 09/13/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206622MB1				
TPH (C10 to C22)	ND	mg/L	0.1	
TPH (C13 to C14)	ND	mg/L	0.05	
TPH (C22 to C36)	ND	mg/L	0.3	
TPH Diesel	ND	mg/L	0.1	
TPH Motor Oil	ND	mg/L	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206622LCS1, QC1206622LCSD1											
TPH Diesel	1	1	0.61	0.59	mg/L	61	59	3	1112-99.0	20	

QCBatchID: QC1206703	Analyst: TWu	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/16/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206703MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH (C13 to C22)	ND	mg/Kg	10	
TPH (C23 to C44)	ND	mg/Kg	10	
TPH (C28 to C40)	ND	mg/Kg	10	
TPH (C6 to C12)	ND	mg/Kg	10	
TPH (C8 to C10)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Gasoline	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206703LCS1											
TPH (C10 to C28)	250		250		mg/Kg	100			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206703MS1, QC1206703MSD1												
TPH (C10 to C28)	ND	250	250	240	240	mg/Kg	96	96	0.0	70-130	20	

Source: 419451-001

QCBatchID: **QC1206716**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/17/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206716MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206716	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/17/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206716MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206716LCS1											
1,1-Dichloroethene	50		55		ug/Kg	110			59-172		
Benzene	50		54		ug/Kg	108			62-137		
Chlorobenzene	50		53		ug/Kg	106			60-133		
Methyl-t-butyl Ether (MTBE)	50		47		ug/Kg	94			62-137		
Toluene	50		53		ug/Kg	106			59-139		
Trichloroethene	50		55		ug/Kg	110			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206716MS1, QC1206716MSD1												
Source: 419447-001												
1,1-Dichloroethene	ND	50	50	54	56	ug/Kg	108	112	3.6	59-172	22	
Benzene	ND	50	50	51	52	ug/Kg	102	104	1.9	62-137	24	
Chlorobenzene	ND	50	50	47	49	ug/Kg	94	98	4.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	49	46	ug/Kg	98	92	6.3	62-137	21	
Toluene	ND	50	50	49	50	ug/Kg	98	100	2.0	59-139	21	
Trichloroethene	ND	50	50	52	55	ug/Kg	104	110	5.6	66-142	21	

QCBatchID: **QC1206778**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/14/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206778MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: **QC1206778**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/14/2019

Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206778MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206778LCS1, QC1206778LCSD1											
1,1-Dichloroethene	50	50	57	61	ug/Kg	114	122	7	59-172	22	
Benzene	50	50	52	56	ug/Kg	104	112	7	62-137	24	
Chlorobenzene	50	50	52	54	ug/Kg	104	108	4	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	46	49	ug/Kg	92	98	6	62-137	21	
Toluene	50	50	53	54	ug/Kg	106	108	2	59-139	21	
Trichloroethene	50	50	54	55	ug/Kg	108	110	2	66-142	21	

QCBatchID: **QC1206816**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/18/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206816MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206816	Analyst: nicollez	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/18/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206816MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206816LCS1											
1,1-Dichloroethene	50		56		ug/Kg	112			59-172		
Benzene	50		53		ug/Kg	106			62-137		
Chlorobenzene	50		52		ug/Kg	104			60-133		
Methyl-t-butyl Ether (MTBE)	50		46		ug/Kg	92			62-137		
Toluene	50		53		ug/Kg	106			59-139		
Trichloroethene	50		56		ug/Kg	112			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206816MS1, QC1206816MSD1												
Source: 418867-047												
1,1-Dichloroethene	ND	50	50	64	55	ug/Kg	128	110	15.1	59-172	22	
Benzene	ND	50	50	57	51	ug/Kg	114	102	11.1	62-137	24	
Chlorobenzene	ND	50	50	54	50	ug/Kg	108	100	7.7	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	50	49	ug/Kg	100	98	2.0	62-137	21	
Toluene	ND	50	50	56	49	ug/Kg	112	98	13.3	59-139	21	
Trichloroethene	ND	50	50	61	51	ug/Kg	122	102	17.9	66-142	21	

QCBatchID: QC1206913	Analyst: Abanh	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/23/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206913MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH (C13 to C22)	ND	mg/Kg	10	
TPH (C23 to C44)	ND	mg/Kg	10	
TPH (C28 to C40)	ND	mg/Kg	10	
TPH (C6 to C12)	ND	mg/Kg	10	
TPH (C8 to C10)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206913LCS1											
TPH (C10 to C28)	250		260		mg/Kg	104			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206913MS1, QC1206913MSD1												
TPH (C10 to C28)	23	250	250	250	260	mg/Kg	91	95	3.9	70-130	20	Source: 419449-001

QCBatchID: **QC1206960**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/23/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206960MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: **QC1206960**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/23/2019

Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206960MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206960LCS1, QC1206960LCSD1											
1,1-Dichloroethene	50	50	58	57	ug/Kg	116	114	2	59-172	22	
Benzene	50	50	58	56	ug/Kg	116	112	4	62-137	24	
Chlorobenzene	50	50	54	53	ug/Kg	108	106	2	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	51	51	ug/Kg	102	102	0	62-137	21	
Toluene	50	50	57	57	ug/Kg	114	114	0	59-139	21	
Trichloroethene	50	50	57	56	ug/Kg	114	112	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:

419313

Page:

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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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request					Test Instructions / Comments	
----------------------	--	---------------------	--	--	--	------------------	--	--	--	--	------------------------------	--

Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPH _{g,d,o} (8015B/5035)	VOCs (8260B/5035)	TPH _{g,d,o} (8015B)	VOCs (8260B)	Hold	Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO	
Report To:	Patrick Cullip	Number:	210886002										
Email:	pcullip@ninyoandmoore.com	P.O. #:											
Address:	475 Goddard Ste 200	Address:	601 South Acacla Avenue										
	Irvine, CA 92618		Compton, CA 90220										
Phone:	949-753-7070	Global ID:											
Fax:	949-753-7071	Sampled By:	KMH SAUC										

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPH _{g,d,o} (8015B/5035)	VOCs (8260B/5035)	TPH _{g,d,o} (8015B)	VOCs (8260B)	Hold
1 ACC4-SVIIN-5'	9/11/19	0817	SOIL	1 sieve 3 VCAS	ICE						X
2 ACC4-SVIIN-10'		0820									X
3 ACC4-SVIIN-15'		0823									X
4 ACC4-SVIIN-20'		0826									X
5 ACC4-SVIIN-25'		0834									X
6 ACC4-SVIIN-30'		0836									X
7 ACC4-SVIIN-35'		0830					X				X
8 ACC4-SVIIN-40'		0855									X
9 ACC4-SVIIN-45'		0910					X	X			X
10 ACC4-SVIIN-GW		1100	H ₂ O	1 amber jar 6 VCAS			X	X			X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	9/11/19 1740
1 Received By:		Elizabeth Ramirez	EA	9/11/19 1740
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419313
 Page: 2 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

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

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION	PROJECT INFORMATION	Analysis Request	Test Instructions / Comments
----------------------	---------------------	------------------	------------------------------

Company: Ninyo & Moore	Name: Compton High School PEA	Lead (6010B) TPHg,d,o (8015B/5035) VOCs (8260B/5035) TPHg,d,o (8015B) VOCs (8260B) Hold	Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO
Report To: Patrick Cullip	Number: 210886002		
Email: pcullip@ninyoandmoore.com	P.O. #: <u> </u>		
Address: 475 Goddard Ste 200	Address: 601 South Acacia Avenue		
Irvine, CA 92618	Compton, CA 90220		
Phone: 949-753-7070	Global ID: <u> </u>		
Fax: 949-753-7071	Sampled By: <u>KMH & AUC</u>		

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold
1 AOC4-SV10S-5'	9/11/19	1025	SOIL	1 sieve 5 VOCs	ICE						X
2 AOC4-SV10S-10'		1027									X
3 AOC4-SV10S-15'		1028									X
4 AOC4-SV10S-20'		1030									X
5 AOC4-SV10S-25'		1037				X	X	X	X		
6 AOC4-SV10S-30'		1045				X	X	X	X		
7 AOC4-SV10S-35'		1050				X	X	X	X		
8 AOC4-SV10S-40'		1140				X	X	X	X		
9 AOC4-SV10S-45'		1151									X
10 AOC4-SV10S-50'		1157									X

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	N & M	9/11/19 1740
¹ Received By:		Elizabeth Ramirez	EA	9/11/19 1740
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419313
 Page: 3 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

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

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION			Analysis Request					Test Instructions / Comments	
----------------------	--	---------------------	--	--	------------------	--	--	--	--	------------------------------	--

Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold	Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO
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 & AUC									

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold
1 AOC4-SVIZE-5'	9/11/19	1227	SOIL	1 sieve 5 VOAS	ICE						X
2 AOC4-SVIZE-10'		1230									X
3 AOC4-SVIZE-15'		1231									X
4 AOC4-SVIZE-20'		1234									X
5 AOC4-SVIZE-25'		1240									X
6 AOC4-SVIZE-30'		1248				X	X				
7 AOC4-SVIZE-35'		1253				X	X				
8 AOC4-SVIZE-40'		1304				X	X				
9 AOC4-SVIZE-45'		1313									X
10 AOC4-SVIZE-50'		1318									X

	Signature	Print Name	Company / Title	Date / Time	
¹ Relinquished By:		Audrey Carroll	N & M	9/11/19	1740
¹ Received By:		Elizabeth Ramirez	EA	9/11/19	1740
² Relinquished By:					
² Received By:					
³ Relinquished By:					
³ Received By:					



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419313
 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

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

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments	
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B) TPHg,d,o (8015B/5035) VOCs (8260B/5035) TPHg,d,o (8015B) VOCs (8260B) Hold							Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO
Report To:	Patrick Cullip	Number:	210886002										
Email:	pcullip@ninyoandmoore.com	P.O. #:											
Address:	475 Goddard Ste 200 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220										
Phone:	949-753-7070	Global ID:											
Fax:	949-753-7071	Sampled By:	KMH <u>S ALL</u>										
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.								
1	A004-SVIZE-GW	9/11/19	1445	H ₂ O	1 amber jar 6 VOAS	ICE			X	X			
2	A004-SV08-GW		1530	↓	↓			X	X				
3	DUP-53		—	SOIL	1 sieve 5 VOAS			X	X				
4	EB-091119A		—	H ₂ O	1 amber jar 6 VOAS			X	X				
5	EB-091119B		—	↓	↓			X	X				
6	Trip Blank A		—	↓	2 VOAS			X	X				
7	Trip Blank B		—	↓	↓			X	X				
8													
9													
10													

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N.M	9/11/19 1740
1 Received By:		Elizabeth Ramirez	EA	9/11/19 1740
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & MooreProject: Compton High School PEA 210886002Date Received: 09/11/2019Sampler'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: 12.1 #2: 8.5 #3: _____ #4: _____*(Acceptance range is < 5°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: 3.2 #2: 2.1 #3: _____ #4: _____

Section 4

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

ER 9/11/19

Section 5 Explanations/Comments

Custody seals were present and intact. 2 Trip blanks.

RECEIVED LOW VOLUME FOR "AOC4-SV10S-GW". AMBER PARTIALLY FILLED.
(EP)

Section 6

For discrepancies, how was the Project Manager notified? Verbal PM Initials: RKE Date/Time: 9/11/19
 Email (email sent to/on): _____ / _____

Project Manager's response: _____

Completed By: [Signature] Date: 09/11/19

Ranjit Clarke

From: Patty Mata
Sent: Monday, September 23, 2019 1:10 PM
To: Robert Lee; Hongling Cao
Cc: Ranjit Clarke
Subject: FW: Compton HS - 210886002 - Additional Analyses

Client added tests that expire this week for soils:

- Sample 419313-25 - AOC4-SV12E-25, run for PPH-g, TPH-d & mo by 8015B/M and VOCs by 8260B
- Sample 419372-2 - AOC4-SV11S-10, run for PPH-g, TPH-d & mo by 8015B/M and VOCs by 8260B
- Sample 419372-5 - AOC4-B6-E1S-5, run for PPH-g, TPH-d & mo by 8015B/M and VOCs by 8260B
- Sample 419372-29 - AOC4-SV12W-15, run for PPH-g, TPH-d & mo by 8015B/M and VOCs by 8260B

With Regards,

Patty Mata
Project Manager
Direct (714) 771-9930



From: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Sent: Monday, September 23, 2019 12:27 PM
To: Patty Mata <patty.mata@enthalpy.com>
Cc: Jay Roberts <jroberts@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>; Kristina Hill <khill@ninyoandmoore.com>
Subject: Compton HS - 210886002 - Additional Analyses

Patty,

Please perform additional analyses on the following samples (normal TAT) which were initially placed on hold pertaining to the Compton HS project:

Lab Report 419313

- Sample 419313-25 - AOC4-SV12E-25, run for TPHg, d, and mo by 8015B/M and VOCs by 8260B

Lab Report 419372

- AOC4-SV11S-10, run for TPHg, d, and mo by 8015B/M and VOCs by 8260B
- AOC4-B6-E1S-5, run for TPHg, d, and mo by 8015B/M and VOCs by 8260B
- AOC4-SV12W-15, run for TPHg, d, and mo by 8015B/M and VOCs by 8260B

Thanks,



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



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

Lab Request: 419372
Report Date: 09/30/2019
Date Received: 09/12/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia Avenue, Compton, CA 90220

Supplemental Report 1 - Additional analyses requested on 09/23/19 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.

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>
419372-001	AOC4-SV11S-5'	419372-025	AOC4-SV12S-20'
419372-002	AOC4-SV11S-10'	419372-026	AOC4-SV12S-25'
419372-003	AOC4-SV11S-15'	419372-027	AOC4-SV12W-5'
419372-004	AOC4-SV11S-20'	419372-028	AOC4-SV12W-10'
419372-005	AOC4-B6-E1S-5'	419372-029	AOC4-SV12W-15'
419372-006	AOC4-B6-E1S-10'	419372-030	AOC4-SV12W-20'
419372-007	AOC4-B6-E1S-15'	419372-031	AOC4-SV12W-25'
419372-008	AOC4-B6-E1S-20'	419372-032	DUP-54
419372-009	AOC4-B6-E1E-5'	419372-033	EB-091219A
419372-010	AOC4-B6-E1E-10'	419372-034	EB-091219B
419372-011	AOC4-B6-E1E-15'	419372-035	Trip Blank A
419372-012	AOC4-B6-E1E-20'	419372-036	Trip Blank B
419372-013	AOC4-B6-E1N-5'		
419372-014	AOC4-B6-E1N-10'		
419372-015	AOC4-B6-E1N-15'		
419372-016	AOC4-B6-E1N-20'		
419372-017	AOC4-SV12N-5'		
419372-018	AOC4-SV12N-10'		
419372-019	AOC4-SV12N-15'		
419372-020	AOC4-SV12N-20'		
419372-021	AOC4-SV12N-25'		
419372-022	AOC4-SV12S-5'		
419372-023	AOC4-SV12S-10'		
419372-024	AOC4-SV12S-15'		

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.

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.

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 08:05	Site:	
Sample #: <u>419372-001</u>	Client Sample #: AOC4-SV11S-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 08:07	Site:	
Sample #: 419372-002	Client Sample #: AOC4-SV11S-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: N/A	Prep Method: N/A	1				QCBatchID:	
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206588	
TPH Gasoline	ND	0.9	2.7	mg/Kg	09/24/19	EW	
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	110		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206913	
TPH Diesel	ND	1	10	mg/Kg	09/23/19	09/24/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/23/19	09/24/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	90		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206960	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/23/19		ZZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg	09/23/19		ZZ
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	09/23/19		ZZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg	09/23/19		ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	09/23/19		ZZ
1,1-Dichloroethane	ND	1	5	ug/Kg	09/23/19		ZZ
1,1-Dichloroethene	ND	1	5	ug/Kg	09/23/19		ZZ
1,1-Dichloropropene	ND	1	5	ug/Kg	09/23/19		ZZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	09/23/19		ZZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg	09/23/19		ZZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	09/23/19		ZZ
1,2,4-Trimethylbenzene	7.2	1	5	ug/Kg	09/23/19		ZZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	09/23/19		ZZ
1,2-Dibromoethane	ND	1	5	ug/Kg	09/23/19		ZZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg	09/23/19		ZZ
1,2-Dichloroethane	ND	1	5	ug/Kg	09/23/19		ZZ
1,2-Dichloropropane	ND	1	5	ug/Kg	09/23/19		ZZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	09/23/19		ZZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg	09/23/19		ZZ
1,3-Dichloropropane	ND	1	5	ug/Kg	09/23/19		ZZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg	09/23/19		ZZ
2,2-Dichloropropane	ND	1	5	ug/Kg	09/23/19		ZZ
2-Butanone (MEK)	ND	1	100	ug/Kg	09/23/19		ZZ
2-Chlorotoluene	ND	1	5	ug/Kg	09/23/19		ZZ
4-Chlorotoluene	ND	1	5	ug/Kg	09/23/19		ZZ
4-Isopropyltoluene	ND	1	5	ug/Kg	09/23/19		ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/Kg	09/23/19		ZZ
Acetone	ND	1	100	ug/Kg	09/23/19		ZZ
Allyl Chloride	ND	1	5	ug/Kg	09/23/19		ZZ
Benzene	ND	1	5	ug/Kg	09/23/19		ZZ
Bromobenzene	ND	1	5	ug/Kg	09/23/19		ZZ
Bromochloromethane	ND	1	5	ug/Kg	09/23/19		ZZ
Bromodichloromethane	ND	1	5	ug/Kg	09/23/19		ZZ
Bromoform	ND	1	5	ug/Kg	09/23/19		ZZ
Bromomethane	ND	1	5	ug/Kg	09/23/19		ZZ
Carbon Tetrachloride	ND	1	5	ug/Kg	09/23/19		ZZ
Chlorobenzene	ND	1	5	ug/Kg	09/23/19		ZZ
Chlorodibromomethane	ND	1	5	ug/Kg	09/23/19		ZZ
Chloroethane	ND	1	5	ug/Kg	09/23/19		ZZ
Chloroform	ND	1	5	ug/Kg	09/23/19		ZZ
Chloromethane	ND	1	5	ug/Kg	09/23/19		ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 08:07

Site:

Sample #: 419372-002

Client Sample #: AOC4-SV11S-10'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	1	5	ug/Kg		09/23/19	ZZ
cis-1,3-dichloropropene	ND	1	5	ug/Kg		09/23/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/23/19	ZZ
Dibromomethane	ND	1	5	ug/Kg		09/23/19	ZZ
Dichlorodifluoromethane	ND	1	5	ug/Kg		09/23/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	5	ug/Kg		09/23/19	ZZ
Ethylbenzene	ND	1	5	ug/Kg		09/23/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	5	ug/Kg		09/23/19	ZZ
Hexachlorobutadiene	ND	1	5	ug/Kg		09/23/19	ZZ
Isopropylbenzene	ND	1	5	ug/Kg		09/23/19	ZZ
m and p-Xylene	ND	1	5	ug/Kg		09/23/19	ZZ
Methylene chloride	ND	1	5	ug/Kg		09/23/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1	5	ug/Kg		09/23/19	ZZ
Naphthalene	15	1	5	ug/Kg		09/23/19	ZZ
N-butylbenzene	ND	1	5	ug/Kg		09/23/19	ZZ
N-propylbenzene	ND	1	5	ug/Kg		09/23/19	ZZ
o-Xylene	ND	1	5	ug/Kg		09/23/19	ZZ
Sec-butylbenzene	ND	1	5	ug/Kg		09/23/19	ZZ
Styrene	ND	1	5	ug/Kg		09/23/19	ZZ
t-Butyl alcohol (TBA)	ND	1	10	ug/Kg		09/23/19	ZZ
Tert-amylmethylether (TAME)	ND	1	5	ug/Kg		09/23/19	ZZ
Tert-butylbenzene	ND	1	5	ug/Kg		09/23/19	ZZ
Tetrachloroethene	ND	1	5	ug/Kg		09/23/19	ZZ
Toluene	ND	1	5	ug/Kg		09/23/19	ZZ
trans-1,2-dichloroethene	ND	1	5	ug/Kg		09/23/19	ZZ
trans-1,3-dichloropropene	ND	1	5	ug/Kg		09/23/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/23/19	ZZ
Trichloroethene	ND	1	5	ug/Kg		09/23/19	ZZ
Trichlorofluoromethane	ND	1	5	ug/Kg		09/23/19	ZZ
Vinyl Chloride	ND	1	5	ug/Kg		09/23/19	ZZ
Xylenes (Total)	ND	1	5	ug/Kg		09/23/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>	
1,2-Dichloroethane-d4 (SUR)		99		70-145			
4-Bromofluorobenzene (SUR)		109		70-145			
Dibromofluoromethane (SUR)		101		70-145			
Toluene-d8 (SUR)		98		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 08:10	Site:	
Sample #: <u>419372-003</u>	Client Sample #: AOC4-SV11S-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206509	
TPH Gasoline	1100	156	468	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	130		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206754	
TPH Diesel	380	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	122		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206682	
1,1,1,2-Tetrachloroethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	22000	396.8	1984	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	7300	396.8	1984	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	396.8	39680	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	3600	396.8	1984	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Acetone	ND	396.8	39680	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Benzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Bromoform	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Bromomethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Chloroethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Chloroform	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Chloromethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	396.8	1984	ug/Kg		09/15/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 08:10

Site:

Sample #: **419372-003**

Client Sample #: AOC4-SV11S-15'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Ethylbenzene	3000	396.8	1984	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
m and p-Xylene	7700	396.8	1984	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Naphthalene	3300	396.8	1984	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
N-propylbenzene	3700	396.8	1984	ug/Kg		09/15/19	ZZ
o-Xylene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Styrene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	396.8	3968	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Toluene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	396.8	1984	ug/Kg		09/15/19	ZZ
Xylenes (Total)	7700	396.8	1984	ug/Kg		09/15/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

92

70-145

4-Bromofluorobenzene (SUR)

113

70-145

Dibromofluoromethane (SUR)

97

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 08:13	Site:	
Sample #: <u>419372-004</u>	Client Sample #: AOC4-SV11S-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	680	143	429	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	120		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	110	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	121		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206716				
1,1,1,2-Tetrachloroethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,1,1-Trichloroethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,1,2,2-Tetrachloroethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,1,2-Trichloroethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,1-Dichloroethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,1-Dichloroethene	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,1-Dichloropropene	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,2,3-Trichlorobenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,2,3-Trichloropropane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,2,4-Trichlorobenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,2,4-Trimethylbenzene	7600	178.6	893	ug/Kg		09/17/19	ZZ
1,2-Dibromo-3-chloropropane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,2-Dibromoethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,2-Dichlorobenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,2-Dichloroethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,2-Dichloropropane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,3,5-Trimethylbenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,3-Dichlorobenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,3-Dichloropropane	ND	178.6	893	ug/Kg		09/17/19	ZZ
1,4-Dichlorobenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
2,2-Dichloropropane	ND	178.6	893	ug/Kg		09/17/19	ZZ
2-Butanone (MEK)	ND	178.6	17860	ug/Kg		09/17/19	ZZ
2-Chlorotoluene	ND	178.6	893	ug/Kg		09/17/19	ZZ
4-Chlorotoluene	ND	178.6	893	ug/Kg		09/17/19	ZZ
4-Isopropyltoluene	1500	178.6	893	ug/Kg		09/17/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	178.6	893	ug/Kg		09/17/19	ZZ
Acetone	ND	178.6	17860	ug/Kg		09/17/19	ZZ
Allyl Chloride	ND	178.6	893	ug/Kg		09/17/19	ZZ
Benzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Bromobenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Bromochloromethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
Bromodichloromethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
Bromoform	ND	178.6	893	ug/Kg		09/17/19	ZZ
Bromomethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
Carbon Tetrachloride	ND	178.6	893	ug/Kg		09/17/19	ZZ
Chlorobenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Chlorodibromomethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
Chloroethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
Chloroform	ND	178.6	893	ug/Kg		09/17/19	ZZ
Chloromethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
cis-1,2-Dichloroethene	ND	178.6	893	ug/Kg		09/17/19	ZZ
cis-1,3-dichloropropene	ND	178.6	893	ug/Kg		09/17/19	ZZ
cis-1,4-dichloro-2-butene	ND	178.6	893	ug/Kg		09/17/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 08:13	Site:	
Sample #: <u>419372-004</u>	Client Sample #: AOC4-SV11S-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
Dichlorodifluoromethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
Di-isopropyl ether (DIPE)	ND	178.6	893	ug/Kg		09/17/19	ZZ
Ethylbenzene	4200	178.6	893	ug/Kg		09/17/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	178.6	893	ug/Kg		09/17/19	ZZ
Hexachlorobutadiene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Isopropylbenzene	1300	178.6	893	ug/Kg		09/17/19	ZZ
m and p-Xylene	1900	178.6	893	ug/Kg		09/17/19	ZZ
Methylene chloride	ND	178.6	893	ug/Kg		09/17/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	178.6	893	ug/Kg		09/17/19	ZZ
Naphthalene	ND	178.6	893	ug/Kg		09/17/19	ZZ
N-butylbenzene	1200	178.6	893	ug/Kg		09/17/19	ZZ
N-propylbenzene	1900	178.6	893	ug/Kg		09/17/19	ZZ
o-Xylene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Sec-butylbenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Styrene	ND	178.6	893	ug/Kg		09/17/19	ZZ
t-Butyl alcohol (TBA)	ND	178.6	1786	ug/Kg		09/17/19	ZZ
Tert-amylmethylether (TAME)	ND	178.6	893	ug/Kg		09/17/19	ZZ
Tert-butylbenzene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Tetrachloroethene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Toluene	ND	178.6	893	ug/Kg		09/17/19	ZZ
trans-1,2-dichloroethene	ND	178.6	893	ug/Kg		09/17/19	ZZ
trans-1,3-dichloropropene	ND	178.6	893	ug/Kg		09/17/19	ZZ
trans-1,4-dichloro-2-butene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Trichloroethene	ND	178.6	893	ug/Kg		09/17/19	ZZ
Trichlorofluoromethane	ND	178.6	893	ug/Kg		09/17/19	ZZ
Vinyl Chloride	ND	178.6	893	ug/Kg		09/17/19	ZZ
Xylenes (Total)	1900	178.6	893	ug/Kg		09/17/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		93	70-145				
4-Bromofluorobenzene (SUR)		107	70-145				
Dibromofluoromethane (SUR)		95	70-145				
Toluene-d8 (SUR)		101	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 08:40	Site:	
Sample #: <u>419372-005</u>	Client Sample #: AOC4-B6-E1S-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>N/A</i>	Prep Method: <i>N/A</i>	1				QCBatchID:	
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206588	
TPH Gasoline	ND	0.9	2.7	mg/Kg	09/24/19	EW	
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	85		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206913	
TPH Diesel	ND	1	10	mg/Kg	09/23/19	09/24/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/23/19	09/24/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	92		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206960	
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
2-Butanone (MEK)	ND	0.7	70	ug/Kg	09/23/19	ZZ	
2-Chlorotoluene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
4-Chlorotoluene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Acetone	ND	0.7	70	ug/Kg	09/23/19	ZZ	
Allyl Chloride	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Benzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromochloromethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromodichloromethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromoform	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Bromomethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chlorodibromomethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chloroethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chloroform	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	
Chloromethane	ND	0.7	3.5	ug/Kg	09/23/19	ZZ	

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 08:40

Site:

Sample #: 419372-005

Client Sample #: AOC4-B6-E1S-5'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Dibromomethane	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/23/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

98

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: 09/12/2019 08:45	Site:	
Sample #: 419372-006	Client Sample #: AOC4-B6-E1S-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206509	
TPH Gasoline	440	45	135	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206754	
TPH Diesel	45	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	120		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206682	
1,1,1,2-Tetrachloroethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	178.6	893	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	178.6	893	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	178.6	17860	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	178.6	893	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	178.6	893	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	1200	178.6	893	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	178.6	893	ug/Kg		09/15/19	ZZ
Acetone	ND	178.6	17860	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	178.6	893	ug/Kg		09/15/19	ZZ
Benzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
Bromoform	ND	178.6	893	ug/Kg		09/15/19	ZZ
Bromomethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	178.6	893	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
Chloroethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
Chloroform	ND	178.6	893	ug/Kg		09/15/19	ZZ
Chloromethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	178.6	893	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	178.6	893	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	178.6	893	ug/Kg		09/15/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 08:45

Site:

Sample #: 419372-006

Client Sample #: AOC4-B6-E1S-10'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	178.6	893	ug/Kg		09/15/19	ZZ
Ethylbenzene	2000	178.6	893	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	178.6	893	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Isopropylbenzene	930	178.6	893	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	178.6	893	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	178.6	893	ug/Kg		09/15/19	ZZ
Naphthalene	4000	178.6	893	ug/Kg		09/15/19	ZZ
N-butylbenzene	1900	178.6	893	ug/Kg		09/15/19	ZZ
N-propylbenzene	2900	178.6	893	ug/Kg		09/15/19	ZZ
o-Xylene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	990	178.6	893	ug/Kg		09/15/19	ZZ
Styrene	ND	178.6	893	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	178.6	1786	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	178.6	893	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Toluene	ND	178.6	893	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	178.6	893	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	178.6	893	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	178.6	893	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	178.6	893	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	178.6	893	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	178.6	893	ug/Kg		09/15/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

91

70-145

4-Bromofluorobenzene (SUR)

110

70-145

Dibromofluoromethane (SUR)

96

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 08:51	Site:	
Sample #: <u>419372-007</u>	Client Sample #: AOC4-B6-E1S-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	3600	417	1251	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	125		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	1100	5	50	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	5	50	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	137		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	52000	1667	8333.5	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	17000	1667	8333.5	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	1667	166670	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	10000	1667	8333.5	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Acetone	ND	1667	166670	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Benzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Bromoform	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Bromomethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Chloroethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Chloroform	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Chloromethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 08:51

Site:

Sample #: 419372-007

Client Sample #: AOC4-B6-E1S-15'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Ethylbenzene	21000	1667	8333.5	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
m and p-Xylene	29000	1667	8333.5	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Naphthalene	12000	1667	8333.5	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
N-propylbenzene	13000	1667	8333.5	ug/Kg		09/15/19	ZZ
o-Xylene	9800	1667	8333.5	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Styrene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	1667	16667	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Toluene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	1667	8333.5	ug/Kg		09/15/19	ZZ
Xylenes (Total)	39000	1667	8333.5	ug/Kg		09/15/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

87

70-145

4-Bromofluorobenzene (SUR)

111

70-145

Dibromofluoromethane (SUR)

91

70-145

Toluene-d8 (SUR)

101

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 08:55	Site:	
Sample #: 419372-008	Client Sample #: AOC4-B6-E1S-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	770	48	144	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	160	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	119		50-150				

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	9100	240.4	1202	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	240.4	24040	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	1800	240.4	1202	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Acetone	ND	240.4	24040	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Benzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Bromoform	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Bromomethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Chloroethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Chloroform	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Chloromethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	240.4	1202	ug/Kg		09/15/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 08:55	Site:	
Sample #: <u>419372-008</u>	Client Sample #: AOC4-B6-E1S-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Ethylbenzene	5800	240.4	1202	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Isopropylbenzene	1500	240.4	1202	ug/Kg		09/15/19	ZZ
m and p-Xylene	4200	240.4	1202	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Naphthalene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
N-butylbenzene	1500	240.4	1202	ug/Kg		09/15/19	ZZ
N-propylbenzene	2300	240.4	1202	ug/Kg		09/15/19	ZZ
o-Xylene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Styrene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	240.4	2404	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Toluene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	240.4	1202	ug/Kg		09/15/19	ZZ
Xylenes (Total)	4200	240.4	1202	ug/Kg		09/15/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		97	70-145				
4-Bromofluorobenzene (SUR)		112	70-145				
Dibromofluoromethane (SUR)		98	70-145				
Toluene-d8 (SUR)		101	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 09:45	Site:	
Sample #: <u>419372-009</u>	Client Sample #: AOC4-B6-E1E-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 09:48	Site:	
Sample #: 419372-010	Client Sample #: AOC4-B6-E1E-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206509	
TPH Gasoline	2.7	0.8	2.4	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	125		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206754	
TPH Diesel	81	2	20	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	130	2	20	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	113		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206682	
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 09:48

Site:

Sample #: 419372-010

Client Sample #: AOC4-B6-E1E-10'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/15/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

112

70-145

4-Bromofluorobenzene (SUR)

102

70-145

Dibromofluoromethane (SUR)

101

70-145

Toluene-d8 (SUR)

98

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 09:52	Site:	
Sample #: <u>419372-011</u>	Client Sample #: AOC4-B6-E1E-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206509				
TPH Gasoline	ND	21	63	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	31	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	35	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	118		50-150				

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	48.1	4810	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Acetone	ND	48.1	4810	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Benzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Bromoform	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Bromomethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Chloroethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Chloroform	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Chloromethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 09:52

Site:

Sample #: 419372-011

Client Sample #: AOC4-B6-E1E-15'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Ethylbenzene	1300	48.1	240.5	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Isopropylbenzene	260	48.1	240.5	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Naphthalene	610	48.1	240.5	ug/Kg		09/15/19	ZZ
N-butylbenzene	350	48.1	240.5	ug/Kg		09/15/19	ZZ
N-propylbenzene	890	48.1	240.5	ug/Kg		09/15/19	ZZ
o-Xylene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Styrene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	48.1	481	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Toluene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	48.1	240.5	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	48.1	240.5	ug/Kg		09/15/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

87

70-145

4-Bromofluorobenzene (SUR)

111

70-145

Dibromofluoromethane (SUR)

89

70-145

Toluene-d8 (SUR)

101

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 09:53	Site:	
Sample #: <u>419372-012</u>	Client Sample #: AOC4-B6-E1E-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206509	
TPH Gasoline	350	34	102	mg/Kg		09/15/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	130		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206754	
TPH Diesel	81	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	120		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206682	
1,1,1,2-Tetrachloroethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	70.4	352	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	70.4	352	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	70.4	7040	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	70.4	352	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	70.4	352	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	560	70.4	352	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	70.4	352	ug/Kg		09/15/19	ZZ
Acetone	ND	70.4	7040	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	70.4	352	ug/Kg		09/15/19	ZZ
Benzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
Bromoform	ND	70.4	352	ug/Kg		09/15/19	ZZ
Bromomethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	70.4	352	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
Chloroethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
Chloroform	ND	70.4	352	ug/Kg		09/15/19	ZZ
Chloromethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	70.4	352	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	70.4	352	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	70.4	352	ug/Kg		09/15/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 09:53	Site:	
Sample #: <u>419372-012</u>	Client Sample #: AOC4-B6-E1E-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	70.4	352	ug/Kg		09/15/19	ZZ
Ethylbenzene	11000	70.4	352	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	70.4	352	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Isopropylbenzene	1100	70.4	352	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	70.4	352	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	70.4	352	ug/Kg		09/15/19	ZZ
Naphthalene	980	70.4	352	ug/Kg		09/15/19	ZZ
N-butylbenzene	590	70.4	352	ug/Kg		09/15/19	ZZ
N-propylbenzene	2000	70.4	352	ug/Kg		09/15/19	ZZ
o-Xylene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	620	70.4	352	ug/Kg		09/15/19	ZZ
Styrene	ND	70.4	352	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	70.4	704	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	70.4	352	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Toluene	ND	70.4	352	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	70.4	352	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	70.4	352	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	70.4	352	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	70.4	352	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	70.4	352	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	70.4	352	ug/Kg		09/15/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	94	70-145	
4-Bromofluorobenzene (SUR)	111	70-145	
Dibromofluoromethane (SUR)	96	70-145	
Toluene-d8 (SUR)	102	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 10:12	Site:	
Sample #: <u>419372-013</u>	Client Sample #: AOC4-B6-E1N-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 10:16	Site:	
Sample #: 419372-014	Client Sample #: AOC4-B6-E1N-10'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206133				
TPH Gasoline	ND	0.9	2.7	mg/Kg		09/17/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	122		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Benzene	24	0.8	4	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 10:16

Site:

Sample #: 419372-014

Client Sample #: AOC4-B6-E1N-10'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Toluene	14	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/15/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

106

70-145

4-Bromofluorobenzene (SUR)

100

70-145

Dibromofluoromethane (SUR)

100

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 10:18	Site:	
Sample #: 419372-015	Client Sample #: AOC4-B6-E1N-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206133				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/17/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	110		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	119		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	47	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 10:18

Site:

Sample #: 419372-015

Client Sample #: AOC4-B6-E1N-15'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethylbenzene	560	53.2	266	ug/Kg		09/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Isopropylbenzene	23	0.8	4	ug/Kg		09/15/19	ZZ
m and p-Xylene	27	0.8	4	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Naphthalene	160	0.8	4	ug/Kg		09/15/19	ZZ
N-butylbenzene	9.4	0.8	4	ug/Kg		09/15/19	ZZ
N-propylbenzene	72	0.8	4	ug/Kg		09/15/19	ZZ
o-Xylene	23	0.8	4	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	5.7	0.8	4	ug/Kg		09/15/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Xylenes (Total)	50	0.8	4	ug/Kg		09/15/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

107

70-145

4-Bromofluorobenzene (SUR)

101

70-145

Dibromofluoromethane (SUR)

99

70-145

Toluene-d8 (SUR)

100

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 10:20	Site:	
Sample #: 419372-016	Client Sample #: AOC4-B6-E1N-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206157				
TPH Gasoline	75	21	63	mg/Kg		09/19/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	115		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	16	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	123		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	5.0	0.8	4	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 10:20	Site:	
Sample #: <u>419372-016</u>	Client Sample #: AOC4-B6-E1N-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethylbenzene	1100	41.7	208.5	ug/Kg		09/19/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Isopropylbenzene	98	0.8	4	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Naphthalene	6.7	0.8	4	ug/Kg		09/15/19	ZZ
N-butylbenzene	4.3	0.8	4	ug/Kg		09/15/19	ZZ
N-propylbenzene	250	41.7	208.5	ug/Kg		09/19/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	37	0.8	4	ug/Kg		09/15/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/15/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>			<u>Notes</u>	
1,2-Dichloroethane-d4 (SUR)		116	70-145				
4-Bromofluorobenzene (SUR)		104	70-145				
Dibromofluoromethane (SUR)		103	70-145				
Toluene-d8 (SUR)		116	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 10:53	Site:	
Sample #: <u>419372-017</u>	Client Sample #: AOC4-SV12N-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 10:54	Site:	
Sample #: <u>419372-018</u>	Client Sample #: AOC4-SV12N-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 10:56	Site:	
Sample #: <u>419372-019</u>	Client Sample #: AOC4-SV12N-15'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 10:59	Site:	
Sample #: 419372-020	Client Sample #: AOC4-SV12N-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206133				
TPH Gasoline	3.2	0.7	2.1	mg/Kg		09/17/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	125		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 10:59

Site:

Sample #: 419372-020

Client Sample #: AOC4-SV12N-20'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/15/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

98

70-145

4-Bromofluorobenzene (SUR)

115

70-145

Dibromofluoromethane (SUR)

93

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 11:05	Site:	
Sample #: <u>419372-021</u>	Client Sample #: AOC4-SV12N-25'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206133				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/17/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
4-Bromofluorobenzene (SUR)	115		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>			
Triacotane (SUR)	120		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Benzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chloroform	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chloromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 11:05	Site:	
Sample #: <u>419372-021</u>	Client Sample #: AOC4-SV12N-25'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		99	70-145				
4-Bromofluorobenzene (SUR)		103	70-145				
Dibromofluoromethane (SUR)		96	70-145				
Toluene-d8 (SUR)		97	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 12:45	Site:	
Sample #: <u>419372-022</u>	Client Sample #: AOC4-SV12S-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 12:48	Site:	
Sample #: <u>419372-023</u>	Client Sample #: AOC4-SV12S-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 12:50	Site:	
Sample #: <u>419372-024</u>	Client Sample #: AOC4-SV12S-15'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 12:53	Site:	
Sample #: <u>419372-025</u>	Client Sample #: AOC4-SV12S-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206133	
TPH Gasoline	9.4	0.8	2.4	mg/Kg		09/17/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206754	
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	122		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206682	
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Benzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chloroform	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Chloromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 12:53	Site:	
Sample #: <u>419372-025</u>	Client Sample #: AOC4-SV12S-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	7.7	0.7	3.5	ug/Kg		09/15/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/15/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		101	70-145				
4-Bromofluorobenzene (SUR)		108	70-145				
Dibromofluoromethane (SUR)		95	70-145				
Toluene-d8 (SUR)		96	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 13:02	Site:	
Sample #: 419372-026	Client Sample #: AOC4-SV12S-25'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206157				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/19/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	120		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	123		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/15/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/15/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 13:02	Site:	
Sample #: <u>419372-026</u>	Client Sample #: AOC4-SV12S-25'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/15/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		100	70-145				
4-Bromofluorobenzene (SUR)		105	70-145				
Dibromofluoromethane (SUR)		97	70-145				
Toluene-d8 (SUR)		97	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 13:43	Site:	
Sample #: <u>419372-027</u>	Client Sample #: AOC4-SV12W-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 13:48	Site:	
Sample #: <u>419372-028</u>	Client Sample #: AOC4-SV12W-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 13:51	Site:	
Sample #: 419372-029	Client Sample #: AOC4-SV12W-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: N/A	Prep Method: N/A	1				QCBatchID:	
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206588	
TPH Gasoline	ND	0.8	2.4	mg/Kg	09/24/19	EW	
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	140		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206913	
TPH Diesel	ND	1	10	mg/Kg	09/23/19	09/24/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/23/19	09/24/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	88		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206960	
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,2,4-Trimethylbenzene	15	0.7	3.5	ug/Kg	09/23/19		ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg	09/23/19		ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Acetone	ND	0.7	70	ug/Kg	09/23/19		ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Benzene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Bromoform	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Bromomethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Chloroethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Chloroform	ND	0.7	3.5	ug/Kg	09/23/19		ZZ
Chloromethane	ND	0.7	3.5	ug/Kg	09/23/19		ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 13:51	Site:	
Sample #: <u>419372-029</u>	Client Sample #: AOC4-SV12W-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Dibromomethane	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Ethylbenzene	5.1	0.7	3.5	ug/Kg		09/23/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
N-propylbenzene	3.5	0.7	3.5	ug/Kg		09/23/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/23/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/23/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>	
1,2-Dichloroethane-d4 (SUR)		104		70-145			
4-Bromofluorobenzene (SUR)		108		70-145			
Dibromofluoromethane (SUR)		104		70-145			
Toluene-d8 (SUR)		96		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 13:53	Site:	
Sample #: 419372-030	Client Sample #: AOC4-SV12W-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206133	
TPH Gasoline	310	21	63	mg/Kg		09/17/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206862	
TPH Diesel	21	1	10	mg/Kg	09/19/19	09/20/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/19/19	09/20/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	86		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206766	
1,1,1,2-Tetrachloroethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,1,1-Trichloroethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,1,2,2-Tetrachloroethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichloroethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,1-Dichloropropene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichlorobenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichloropropane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,2,4-Trichlorobenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,2,4-Trimethylbenzene	2800	83.3	416.5	ug/Kg		09/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,2-Dibromoethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,2-Dichlorobenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,2-Dichloroethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,2-Dichloropropane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,3,5-Trimethylbenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,3-Dichlorobenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,3-Dichloropropane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
1,4-Dichlorobenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
2,2-Dichloropropane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
2-Butanone (MEK)	ND	83.3	8330	ug/Kg		09/18/19	ZZ
2-Chlorotoluene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
4-Chlorotoluene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
4-Isopropyltoluene	970	83.3	416.5	ug/Kg		09/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Acetone	ND	83.3	8330	ug/Kg		09/18/19	ZZ
Allyl Chloride	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Benzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Bromobenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Bromochloromethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Bromodichloromethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Bromoform	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Bromomethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Carbon Tetrachloride	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Chlorobenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Chlorodibromomethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Chloroethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Chloroform	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Chloromethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
cis-1,2-Dichloroethene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
cis-1,3-dichloropropene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/12/2019 13:53

Site:

Sample #: 419372-030

Client Sample #: AOC4-SV12W-20'

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Dichlorodifluoromethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Ethylbenzene	1400	83.3	416.5	ug/Kg		09/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Hexachlorobutadiene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Isopropylbenzene	850	83.3	416.5	ug/Kg		09/18/19	ZZ
m and p-Xylene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Methylene chloride	ND	83.3	416.5	ug/Kg		09/18/19	ZZ C
Methyl-t-butyl Ether (MTBE)	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Naphthalene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
N-butylbenzene	670	83.3	416.5	ug/Kg		09/18/19	ZZ
N-propylbenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
o-Xylene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Sec-butylbenzene	550	83.3	416.5	ug/Kg		09/18/19	ZZ
Styrene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
t-Butyl alcohol (TBA)	ND	83.3	833	ug/Kg		09/18/19	ZZ
Tert-amylmethylether (TAME)	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Tert-butylbenzene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Tetrachloroethene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Toluene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
trans-1,2-dichloroethene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
trans-1,3-dichloropropene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Trichloroethene	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Trichlorofluoromethane	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Vinyl Chloride	ND	83.3	416.5	ug/Kg		09/18/19	ZZ
Xylenes (Total)	ND	83.3	416.5	ug/Kg		09/18/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

94

70-145

4-Bromofluorobenzene (SUR)

106

70-145

Dibromofluoromethane (SUR)

97

70-145

Toluene-d8 (SUR)

100

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 13:59	Site:	
Sample #: <u>419372-031</u>	Client Sample #: AOC4-SV12W-25'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A			QCBatchID: QC1206133			
TPH Gasoline	160	20	60	mg/Kg		09/18/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A			QCBatchID: QC1206754			
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	121		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A			QCBatchID: QC1206766			
1,1,1,2-Tetrachloroethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,1,1-Trichloroethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,1,2,2-Tetrachloroethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichloroethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,1-Dichloropropene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichlorobenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichloropropane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,2,4-Trichlorobenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,2,4-Trimethylbenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,2-Dibromoethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,2-Dichlorobenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,2-Dichloroethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,2-Dichloropropane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,3,5-Trimethylbenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,3-Dichlorobenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,3-Dichloropropane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
1,4-Dichlorobenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
2,2-Dichloropropane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
2-Butanone (MEK)	ND	39.7	3970	ug/Kg		09/18/19	ZZ
2-Chlorotoluene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
4-Chlorotoluene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
4-Isopropyltoluene	310	39.7	198.5	ug/Kg		09/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Acetone	ND	39.7	3970	ug/Kg		09/18/19	ZZ
Allyl Chloride	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Benzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Bromobenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Bromochloromethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Bromodichloromethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Bromoform	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Bromomethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Carbon Tetrachloride	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Chlorobenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Chlorodibromomethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Chloroethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Chloroform	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Chloromethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
cis-1,2-Dichloroethene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
cis-1,3-dichloropropene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019 13:59	Site:	
Sample #: <u>419372-031</u>	Client Sample #: AOC4-SV12W-25'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Dichlorodifluoromethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Ethylbenzene	870	39.7	198.5	ug/Kg		09/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Hexachlorobutadiene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Isopropylbenzene	370	39.7	198.5	ug/Kg		09/18/19	ZZ
m and p-Xylene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Methylene chloride	ND	39.7	198.5	ug/Kg		09/18/19	ZZ C
Methyl-t-butyl Ether (MTBE)	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Naphthalene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
N-butylbenzene	220	39.7	198.5	ug/Kg		09/18/19	ZZ
N-propylbenzene	480	39.7	198.5	ug/Kg		09/18/19	ZZ
o-Xylene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Sec-butylbenzene	200	39.7	198.5	ug/Kg		09/18/19	ZZ
Styrene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
t-Butyl alcohol (TBA)	ND	39.7	397	ug/Kg		09/18/19	ZZ
Tert-amylmethylether (TAME)	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Tert-butylbenzene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Tetrachloroethene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Toluene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
trans-1,2-dichloroethene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
trans-1,3-dichloropropene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Trichloroethene	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Trichlorofluoromethane	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Vinyl Chloride	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
Xylenes (Total)	ND	39.7	198.5	ug/Kg		09/18/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		91	70-145				
4-Bromofluorobenzene (SUR)		104	70-145				
Dibromofluoromethane (SUR)		92	70-145				
Toluene-d8 (SUR)		102	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: <u>419372-032</u>	Client Sample #: DUP-54	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206133				
TPH Gasoline	ND	1	3	mg/Kg		09/17/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	110		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206754				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	122		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206716				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/17/19	
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/17/19	
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/17/19	
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/17/19	
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/17/19	
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/17/19	
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/17/19	
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/17/19	
Acetone	ND	0.8	80	ug/Kg		09/17/19	
Allyl Chloride	ND	0.8	4	ug/Kg		09/17/19	
Benzene	ND	0.8	4	ug/Kg		09/17/19	
Bromobenzene	ND	0.8	4	ug/Kg		09/17/19	
Bromochloromethane	ND	0.8	4	ug/Kg		09/17/19	
Bromodichloromethane	ND	0.8	4	ug/Kg		09/17/19	
Bromoform	ND	0.8	4	ug/Kg		09/17/19	
Bromomethane	ND	0.8	4	ug/Kg		09/17/19	
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/17/19	
Chlorobenzene	ND	0.8	4	ug/Kg		09/17/19	
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/17/19	
Chloroethane	ND	0.8	4	ug/Kg		09/17/19	
Chloroform	ND	0.8	4	ug/Kg		09/17/19	
Chloromethane	ND	0.8	4	ug/Kg		09/17/19	
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19	
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: <u>419372-032</u>	Client Sample #: DUP-54	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/17/19	
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/17/19	
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/17/19	
Ethylbenzene	ND	0.8	4	ug/Kg		09/17/19	
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/17/19	
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/17/19	
Isopropylbenzene	ND	0.8	4	ug/Kg		09/17/19	
m and p-Xylene	ND	0.8	4	ug/Kg		09/17/19	
Methylene chloride	ND	0.8	4	ug/Kg		09/17/19	
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/17/19	
Naphthalene	ND	0.8	4	ug/Kg		09/17/19	
N-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	
N-propylbenzene	ND	0.8	4	ug/Kg		09/17/19	
o-Xylene	ND	0.8	4	ug/Kg		09/17/19	
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	
Styrene	ND	0.8	4	ug/Kg		09/17/19	
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/17/19	
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/17/19	
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	
Tetrachloroethene	ND	0.8	4	ug/Kg		09/17/19	
Toluene	ND	0.8	4	ug/Kg		09/17/19	
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/17/19	
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19	
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19	
Trichloroethene	ND	0.8	4	ug/Kg		09/17/19	
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/17/19	
Vinyl Chloride	ND	0.8	4	ug/Kg		09/17/19	
Xylenes (Total)	ND	0.8	4	ug/Kg		09/17/19	
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		104	70-145				
4-Bromofluorobenzene (SUR)		103	70-145				
Dibromofluoromethane (SUR)		101	70-145				
Toluene-d8 (SUR)		97	70-145				

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: <u>419372-033</u>	Client Sample #: EB-091219A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C		QCBatchID: QC1206622				
TPH Diesel	ND	1	0.1	mg/L	09/13/19	09/16/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
<i>Triacotane (SUR)</i>	60		50-150				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206613				
TPH Gasoline	ND	1	50	ug/L		09/16/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
<i>4-Bromofluorobenzene (SUR)</i>	106		60-140				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206633				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/13/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/13/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/13/19	LZ
Acetone	ND	1	100	ug/L		09/13/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Benzene	ND	1	1	ug/L		09/13/19	LZ
Bromobenzene	ND	1	5	ug/L		09/13/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromoform	ND	1	5	ug/L		09/13/19	LZ
Bromomethane	ND	1	5	ug/L		09/13/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/13/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/13/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/13/19	LZ
Chloroethane	ND	1	5	ug/L		09/13/19	LZ
Chloroform	ND	1	5	ug/L		09/13/19	LZ
Chloromethane	ND	1	5	ug/L		09/13/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Dibromomethane	ND	1	5	ug/L		09/13/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: <u>419372-033</u>	Client Sample #: EB-091219A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dichlorodifluoromethane	ND	1	5	ug/L		09/13/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/13/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/13/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/13/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/13/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/13/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/13/19	LZ
Methylene chloride	ND	1	5	ug/L		09/13/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/13/19	LZ
Naphthalene	ND	1	5	ug/L		09/13/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/13/19	LZ
o-Xylene	ND	1	5	ug/L		09/13/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Styrene	ND	1	5	ug/L		09/13/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/13/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/13/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/13/19	LZ
Toluene	ND	1	5	ug/L		09/13/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/13/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Trichloroethene	ND	1	5	ug/L		09/13/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/13/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/13/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		93	70-145				
4-Bromofluorobenzene (SUR)		112	70-145				
Dibromofluoromethane (SUR)		103	70-145				
Toluene-d8 (SUR)		99	70-145				

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: 419372-034	Client Sample #: EB-091219B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C		QCBatchID: QC1206622				
TPH Diesel	ND	1	0.1	mg/L	09/13/19	09/16/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
<i>Triacotane (SUR)</i>	70		50-150				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206613				
TPH Gasoline	ND	1	50	ug/L		09/16/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
<i>4-Bromofluorobenzene (SUR)</i>	107		60-140				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B		QCBatchID: QC1206633				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/13/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/13/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/13/19	LZ
Acetone	ND	1	100	ug/L		09/13/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Benzene	ND	1	1	ug/L		09/13/19	LZ
Bromobenzene	ND	1	5	ug/L		09/13/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromoform	ND	1	5	ug/L		09/13/19	LZ
Bromomethane	ND	1	5	ug/L		09/13/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/13/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/13/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/13/19	LZ
Chloroethane	ND	1	5	ug/L		09/13/19	LZ
Chloroform	ND	1	5	ug/L		09/13/19	LZ
Chloromethane	ND	1	5	ug/L		09/13/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Dibromomethane	ND	1	5	ug/L		09/13/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: <u>419372-034</u>	Client Sample #: EB-091219B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dichlorodifluoromethane	ND	1	5	ug/L		09/13/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/13/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/13/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/13/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/13/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/13/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/13/19	LZ
Methylene chloride	ND	1	5	ug/L		09/13/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/13/19	LZ
Naphthalene	ND	1	5	ug/L		09/13/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/13/19	LZ
o-Xylene	ND	1	5	ug/L		09/13/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Styrene	ND	1	5	ug/L		09/13/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/13/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/13/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/13/19	LZ
Toluene	ND	1	5	ug/L		09/13/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/13/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Trichloroethene	ND	1	5	ug/L		09/13/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/13/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/13/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		92	70-145				
4-Bromofluorobenzene (SUR)		115	70-145				
Dibromofluoromethane (SUR)		101	70-145				
Toluene-d8 (SUR)		99	70-145				

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: <u>419372-035</u>	Client Sample #: Trip Blank A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206633	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/13/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/13/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/13/19	LZ
Acetone	ND	1	100	ug/L		09/13/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Benzene	ND	1	1	ug/L		09/13/19	LZ
Bromobenzene	ND	1	5	ug/L		09/13/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromoform	ND	1	5	ug/L		09/13/19	LZ
Bromomethane	ND	1	5	ug/L		09/13/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/13/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/13/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/13/19	LZ
Chloroethane	ND	1	5	ug/L		09/13/19	LZ
Chloroform	ND	1	5	ug/L		09/13/19	LZ
Chloromethane	ND	1	5	ug/L		09/13/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Dibromomethane	ND	1	5	ug/L		09/13/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/13/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/13/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/13/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/13/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/13/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/13/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/13/19	LZ
Methylene chloride	5.1	1	5	ug/L		09/13/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/13/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: <u>419372-035</u>	Client Sample #: Trip Blank A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	5	ug/L		09/13/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/13/19	LZ
o-Xylene	ND	1	5	ug/L		09/13/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Styrene	ND	1	5	ug/L		09/13/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/13/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/13/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/13/19	LZ
Toluene	ND	1	5	ug/L		09/13/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/13/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Trichloroethene	ND	1	5	ug/L		09/13/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/13/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/13/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		92	70-145				
4-Bromofluorobenzene (SUR)		113	70-145				
Dibromofluoromethane (SUR)		102	70-145				
Toluene-d8 (SUR)		100	70-145				

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: <u>419372-036</u>	Client Sample #: Trip Blank B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206633	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/13/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/13/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/13/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/13/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/13/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/13/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/13/19	LZ
Acetone	ND	1	100	ug/L		09/13/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Benzene	ND	1	1	ug/L		09/13/19	LZ
Bromobenzene	ND	1	5	ug/L		09/13/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/13/19	LZ
Bromoform	ND	1	5	ug/L		09/13/19	LZ
Bromomethane	ND	1	5	ug/L		09/13/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/13/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/13/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/13/19	LZ
Chloroethane	ND	1	5	ug/L		09/13/19	LZ
Chloroform	ND	1	5	ug/L		09/13/19	LZ
Chloromethane	ND	1	5	ug/L		09/13/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/13/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Dibromomethane	ND	1	5	ug/L		09/13/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/13/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/13/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/13/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/13/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/13/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/13/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/13/19	LZ
Methylene chloride	ND	1	5	ug/L		09/13/19	LZ C
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/13/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/12/2019	Site:	
Sample #: <u>419372-036</u>	Client Sample #: Trip Blank B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	5	ug/L		09/13/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/13/19	LZ
o-Xylene	ND	1	5	ug/L		09/13/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Styrene	ND	1	5	ug/L		09/13/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/13/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/13/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/13/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/13/19	LZ
Toluene	ND	1	5	ug/L		09/13/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/13/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/13/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/13/19	LZ
Trichloroethene	ND	1	5	ug/L		09/13/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/13/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/13/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/13/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		93	70-145				
4-Bromofluorobenzene (SUR)		112	70-145				
Dibromofluoromethane (SUR)		102	70-145				
Toluene-d8 (SUR)		100	70-145				

QCBatchID: QC1206133	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/17/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206133MB1				
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206133LCS1											
TPH Gasoline	5		5.2		mg/Kg	104			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206133MS1, QC1206133MSD1												
TPH Gasoline	ND	5	5	4.7	4.6	mg/Kg	94	92	2.2	70-130	20	

QCBatchID: <u>QC1206157</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/19/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206157MB1				
TPH (C5 to C12)	ND	mg/Kg	3	
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206157LCS1											
TPH Gasoline	5		5.8		mg/Kg	116			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206157MS1, QC1206157MSD1												
TPH Gasoline	ND	5	5	5.1	4.7	mg/Kg	102	94	8.2	70-130	20	Source: 419468-001

QCBatchID: <u>QC1206509</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/15/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206509MB1				
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206509LCS1, QC1206509LCSD1											
TPH Gasoline	5	5	6.0	5.9	mg/Kg	120	118	2	70-130	20	

QCBatchID: <u>QC1206588</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/24/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206588MB1				
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206588LCS1, QC1206588LCSD1											
TPH Gasoline	5	5	5.8	5.8	mg/Kg	116	116	0	70-130	20	

QCBatchID: <u>QC1206613</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Water	Analyzed: 09/16/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206613MB1				
TPH Gasoline	ND	ug/L	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206613LCS1											
TPH Gasoline	500		480		ug/L	96			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206613MS1, QC1206613MSD1												
TPH Gasoline	170	500	500	650	640	ug/L	96	94	1.6	70-130	30	

Source: 419352-011

QCBatchID: <u>QC1206622</u>	Analyst: Abanh	Method: EPA 8015B
Matrix: Water	Analyzed: 09/13/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206622MB1				
TPH (C10 to C22)	ND	mg/L	0.1	
TPH (C13 to C14)	ND	mg/L	0.05	
TPH (C22 to C36)	ND	mg/L	0.3	
TPH Diesel	ND	mg/L	0.1	
TPH Motor Oil	ND	mg/L	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206622LCS1, QC1206622LCSD1											
TPH Diesel	1	1	0.61	0.59	mg/L	61	59	3	14112-99.0	20	

QCBatchID: **QC1206633**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 09/13/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206633MB1				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	
1,1,1-Trichloroethane	ND	ug/L	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	
1,1,2-Trichloroethane	ND	ug/L	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	
1,1-Dichloroethane	ND	ug/L	5	
1,1-Dichloroethene	ND	ug/L	5	
1,1-Dichloropropene	ND	ug/L	5	
1,2,3-Trichlorobenzene	ND	ug/L	5	
1,2,3-Trichloropropane	ND	ug/L	5	
1,2,4-Trichlorobenzene	ND	ug/L	5	
1,2,4-Trimethylbenzene	ND	ug/L	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	5	
1,2-Dibromoethane	ND	ug/L	5	
1,2-Dichlorobenzene	ND	ug/L	5	
1,2-Dichloroethane	ND	ug/L	5	
1,2-Dichloropropane	ND	ug/L	5	
1,3,5-Trimethylbenzene	ND	ug/L	5	
1,3-Dichlorobenzene	ND	ug/L	5	
1,3-Dichloropropane	ND	ug/L	5	
1,4-Dichlorobenzene	ND	ug/L	5	
2,2-Dichloropropane	ND	ug/L	5	
2-Butanone (MEK)	ND	ug/L	100	
2-Chlorotoluene	ND	ug/L	5	
4-Chlorotoluene	ND	ug/L	5	
4-Isopropyltoluene	ND	ug/L	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	
Acetone	ND	ug/L	100	
Allyl Chloride	ND	ug/L	5	
Benzene	ND	ug/L	1	
Bromobenzene	ND	ug/L	5	
Bromochloromethane	ND	ug/L	5	
Bromodichloromethane	ND	ug/L	5	
Bromoform	ND	ug/L	5	
Bromomethane	ND	ug/L	5	
Carbon Tetrachloride	ND	ug/L	5	
Chlorobenzene	ND	ug/L	5	
Chlorodibromomethane	ND	ug/L	5	
Chloroethane	ND	ug/L	5	
Chloroform	ND	ug/L	5	
Chloromethane	ND	ug/L	5	
cis-1,2-Dichloroethene	ND	ug/L	5	
cis-1,3-dichloropropene	ND	ug/L	5	
cis-1,4-dichloro-2-butene	ND	ug/L	5	
Dibromomethane	ND	ug/L	5	
Dichlorodifluoromethane	ND	ug/L	5	
Di-isopropyl ether (DIPE)	ND	ug/L	1	
Ethylbenzene	ND	ug/L	5	
Ethyl-terbutylether (ETBE)	ND	ug/L	1	
Hexachlorobutadiene	ND	ug/L	5	
Isopropylbenzene	ND	ug/L	5	
m and p-Xylene	ND	ug/L	5	

QCBatchID: QC1206633	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 09/13/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206633MB1				
Methylene chloride	ND	ug/L	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	1	
Naphthalene	ND	ug/L	5	
N-butylbenzene	ND	ug/L	5	
N-propylbenzene	ND	ug/L	5	
o-Xylene	ND	ug/L	5	
Sec-butylbenzene	ND	ug/L	5	
Styrene	ND	ug/L	5	
t-Butyl alcohol (TBA)	ND	ug/L	10	
Tert-amylmethylether (TAME)	ND	ug/L	5	
Tert-butylbenzene	ND	ug/L	5	
Tetrachloroethene	ND	ug/L	5	
Toluene	ND	ug/L	5	
trans-1,2-dichloroethene	ND	ug/L	5	
trans-1,3-dichloropropene	ND	ug/L	5	
trans-1,4-dichloro-2-butene	ND	ug/L	5	
Trichloroethene	ND	ug/L	5	
Trichlorofluoromethane	ND	ug/L	5	
Vinyl Chloride	ND	ug/L	5	
Xylenes (Total)	ND	ug/L	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206633LCS1											
1,1-Dichloroethene	50		53		ug/L	106			59-172		
Benzene	50		54		ug/L	108			62-137		
Chlorobenzene	50		50		ug/L	100			60-133		
Methyl-t-butyl Ether (MTBE)	50		52		ug/L	104			62-137		
Toluene	50		51		ug/L	102			59-139		
Trichloroethene	50		51		ug/L	102			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206633MS1, QC1206633MSD1 Source: 419363-001												
1,1-Dichloroethene	ND	50	50	57	59	ug/L	114	118	3.4	59-172	22	
Benzene	ND	50	50	56	58	ug/L	112	116	3.5	62-137	24	
Chlorobenzene	ND	50	50	52	53	ug/L	104	106	1.9	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	53	56	ug/L	106	112	5.5	62-137	21	
Toluene	ND	50	50	54	55	ug/L	108	110	1.8	59-139	21	
Trichloroethene	ND	50	50	54	56	ug/L	108	112	3.6	66-142	21	

QCBatchID: **QC1206682**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/15/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206682MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-terbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: **QC1206682**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/15/2019

Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206682MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206682LCS1, QC1206682LCSD1											
1,1-Dichloroethene	50	50	62	62	ug/Kg	124	124	0	59-172	22	
Benzene	50	50	55	57	ug/Kg	110	114	4	62-137	24	
Chlorobenzene	50	50	53	55	ug/Kg	106	110	4	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	46	50	ug/Kg	92	100	8	62-137	21	
Toluene	50	50	54	56	ug/Kg	108	112	4	59-139	21	
Trichloroethene	50	50	55	55	ug/Kg	110	110	0	66-142	21	

QCBatchID: **QC1206716**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/17/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206716MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-terbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206716	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/17/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206716MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206716LCS1											
1,1-Dichloroethene	50		55		ug/Kg	110			59-172		
Benzene	50		54		ug/Kg	108			62-137		
Chlorobenzene	50		53		ug/Kg	106			60-133		
Methyl-t-butyl Ether (MTBE)	50		47		ug/Kg	94			62-137		
Toluene	50		53		ug/Kg	106			59-139		
Trichloroethene	50		55		ug/Kg	110			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206716MS1, QC1206716MSD1												
Source: 419447-001												
1,1-Dichloroethene	ND	50	50	54	56	ug/Kg	108	112	3.6	59-172	22	
Benzene	ND	50	50	51	52	ug/Kg	102	104	1.9	62-137	24	
Chlorobenzene	ND	50	50	47	49	ug/Kg	94	98	4.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	49	46	ug/Kg	98	92	6.3	62-137	21	
Toluene	ND	50	50	49	50	ug/Kg	98	100	2.0	59-139	21	
Trichloroethene	ND	50	50	52	55	ug/Kg	104	110	5.6	66-142	21	

QCBatchID: QC1206754	Analyst: Jarriaga	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/19/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206754MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206754LCS1											
TPH (C10 to C28)	250		250		mg/Kg	100			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206754MS1, QC1206754MSD1												
TPH (C10 to C28)	380	250	250	320	340	mg/Kg	0	0	6.1	70-130	20	M

QCBatchID: **QC1206766**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/17/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206766MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206766	Analyst: nicollez	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/17/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206766MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206766LCS1											
1,1-Dichloroethene	50		62		ug/Kg	124			59-172		
Benzene	50		58		ug/Kg	116			62-137		
Chlorobenzene	50		59		ug/Kg	118			60-133		
Methyl-t-butyl Ether (MTBE)	50		48		ug/Kg	96			62-137		
Toluene	50		60		ug/Kg	120			59-139		
Trichloroethene	50		62		ug/Kg	124			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206766MS1, QC1206766MSD1												
Source: 419389-024												
1,1-Dichloroethene	ND	50	50	51	53	ug/Kg	102	106	3.8	59-172	22	
Benzene	ND	50	50	50	50	ug/Kg	100	100	0.0	62-137	24	
Chlorobenzene	ND	50	50	48	48	ug/Kg	96	96	0.0	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	48	49	ug/Kg	96	98	2.1	62-137	21	
Toluene	ND	50	50	48	49	ug/Kg	96	98	2.1	59-139	21	
Trichloroethene	ND	50	50	53	57	ug/Kg	106	114	7.3	66-142	21	

QCBatchID: QC1206862	Analyst: Abanh	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/20/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206862MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH (C23 to C44)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206862LCS1											
TPH (C10 to C28)	250		240		mg/Kg	96			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206862MS1, QC1206862MSD1												
TPH (C10 to C28)	ND	250	250	230	210	mg/Kg	92	84	9.1	70-130	20	Source: 418776-040

QCBatchID: QC1206913	Analyst: Abanh	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/23/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206913MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH (C13 to C22)	ND	mg/Kg	10	
TPH (C23 to C44)	ND	mg/Kg	10	
TPH (C28 to C40)	ND	mg/Kg	10	
TPH (C6 to C12)	ND	mg/Kg	10	
TPH (C8 to C10)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206913LCS1											
TPH (C10 to C28)	250		260		mg/Kg	104			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206913MS1, QC1206913MSD1												
TPH (C10 to C28)	23	250	250	250	260	mg/Kg	91	95	3.9	70-130	20	Source: 419449-001

QCBatchID: **QC1206960**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/23/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206960MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: **QC1206960**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/23/2019

Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206960MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206960LCS1, QC1206960LCSD1											
1,1-Dichloroethene	50	50	58	57	ug/Kg	116	114	2	59-172	22	
Benzene	50	50	58	56	ug/Kg	116	112	4	62-137	24	
Chlorobenzene	50	50	54	53	ug/Kg	108	106	2	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	51	51	ug/Kg	102	102	0	62-137	21	
Toluene	50	50	57	57	ug/Kg	114	114	0	59-139	21	
Trichloroethene	50	50	57	56	ug/Kg	114	112	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: 419372
 Page: 1 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

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

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request						Test Instructions / Comments
Company:	Ninyo & Moore	Name:	Compton High School PEA	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold	Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO
Report To:	Patrick Cullip	Number:	210886002							
Email:	pcullip@ninyoandmoore.com	P.O. #:								
Address:	475 Goddard Ste 200 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220							
Phone:	949-753-7070	Global ID:								
Fax:	949-753-7071	Sampled By:	KMH & AUC							

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold
1 A004-SV11S-5'	9/12/19	0803	SOIL	1 sieve 5 VOCs	ICE						X
2 A004-SV11S-10'		0807									X
3 A004-SV11S-15'		0810				X	X				
4 A004-SV11S-20'		0813				X	X				
5 A004-B6-EIS-5'		0840								X	
6 A004-B6-EIS-10'		0845				X	X				
7 A004-B6-EIS-15'		0851				X	X				
8 A004-B6-EIS-20'		0855				X	X				
9 A004-B6-EIE-5'		0945								X	
10 A004-B6-EIE-10'		0948				X	X				

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	N&M Geologist	9/12/19 1724
¹ Received By:		G. Kim	EA Lab tech	9/12/19 1724
² Relinquished By:		G. Kim		
² Received By:				
³ Relinquished By:				
³ Received By:				

9/12/19



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

419372

Page:

2 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

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments	
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold		Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO
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 & AUC										
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.								
1 A004-B6-E1E-15'	9/12/19	0952	SOIL	1 sieve 3 VOCs	ICE	X	X						
2 A004-B6-E1E-20'		0953				X	X						
3 A004-B6-E1N-5'		1012							X				
4 A004-B6-E1N-10'		1016				X	X						
5 A004-B6-E1N-15'		1018				X	X						
6 A004-B6-E1N-20'		1020				X	X						
7 A004-SV12N-5'		1053							X				
8 A004-SV12N-10'		1054							X				
9 A004-SV12N-15'		1056							X				
10 A004-SV12N-20'		1059				X	X						
Signature		Print Name		Company / Title		Date / Time							
		Kristina Hill		N&M Geologist		9/12/19 1724							
		G. Kim		EA Lab Tech		9/21/19 1724							
Relinquished By:													
Received By:													
Relinquished By:													
Received By:													
Relinquished By:													
Received By:													



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 419372
 Page: 3 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

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

Matrix: A = Air S = Soil/Solid
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Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request						Test Instructions / Comments	
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Company:	Ninyo & Moore	Name:	Compton High School PEA	<table border="1" style="width:100%"> <tr><td>Lead (6010B)</td><td>TPHg,d,o (8015B/5035)</td><td>VOCs (8260B/5035)</td><td>TPHg,d,o (8015B)</td><td>VOCs (8260B)</td><td>Hold</td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>						Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold																																																																	Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO	
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Report To:	Patrick Cullip	Number:	210886002																																																																														
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Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold						
1 A004-SV12N-25'	9/12/19	1105	SOIL	1 Sieve 3 VOAS	ICE		X	X									
2 A004-SV12S-5'		1245									X						
3 A004-SV12S-10'		1248									X						
4 A004-SV12S-15'		1250									X						
5 A004-SV12S-20'		1253					X	X									
6 A004-SV12S-25'		1302					X	X									
7 A004-SV12W-5'		1343									X						
8 A004-SV12W-10'		1348									X						
9 A004-SV12W-15'		1351									X						
10 A004-SV12W-20'		1353					X	X									

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Kristina Hill	N&M Geologist	9/12/19 1724
¹ Received By:		G. Kim	EA lab tech	9/21/19 1724
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 0419372
 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

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

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request						Test Instructions / Comments	
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Company:	Ninyo & Moore	Name:	Compton High School PEA	<table border="1" style="width:100%"> <tr><td>Lead (6010B)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TPHg,d,o (8015B/5035)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>VOCs (8260B/5035)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TPHg,d,o (8015B)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>VOCs (8260B)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Hold</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>						Lead (6010B)								TPHg,d,o (8015B/5035)								VOCs (8260B/5035)								TPHg,d,o (8015B)								VOCs (8260B)								Hold																Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MRO	
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Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold
1 A004-SV12W-25'	9/12/19	1359	SOIL	1 sieve 5 VOAS	ICE	X	X				
2 DUP-54		—	↓	↓	↓	X	X				
3 EB-091219A		—	H ₂ O	1 amber jar 6 VOAS				X	X		
4 EB-091219B		—	↓	↓				X	X		
5 TRIP Blank A		—	↓	2 VOAS				X	X		
6 TRIP Blank B		—	↓	↓				X	X		
7											
8											
9											
10											

AUC 9/12/19

AUC 9/12/19

AUC 9/12/19

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Krishina Hill	N&M Ecologist	9/12/19 1724
¹ Received By:		G. Kim	EA Lab Tech	9/12/19 1724
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: 9/12/19

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: 14.1 #2: 12.3 #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: 2.3 #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

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: 9/12/19

Ranjit Clarke

From: Patty Mata
Sent: Monday, September 23, 2019 1:10 PM
To: Robert Lee; Hongling Cao
Cc: Ranjit Clarke
Subject: FW: Compton HS - 210886002 - Additional Analyses

Client added tests that expire this week for soils:

- Sample 419313-25 - AOC4-SV12E-25, run for PPH-g, TPH-d & mo by 8015B/M and VOCs by 8260B
- Sample 419372-2 - AOC4-SV11S-10, run for PPH-g, TPH-d & mo by 8015B/M and VOCs by 8260B
- Sample 419372-5 - AOC4-B6-E1S-5, run for PPH-g, TPH-d & mo by 8015B/M and VOCs by 8260B
- Sample 419372-29 - AOC4-SV12W-15, run for PPH-g, TPH-d & mo by 8015B/M and VOCs by 8260B

With Regards,

Patty Mata
Project Manager
Direct (714) 771-9930



From: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Sent: Monday, September 23, 2019 12:27 PM
To: Patty Mata <patty.mata@enthalpy.com>
Cc: Jay Roberts <jroberts@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>; Kristina Hill <khill@ninyoandmoore.com>
Subject: Compton HS - 210886002 - Additional Analyses

Patty,

Please perform additional analyses on the following samples (normal TAT) which were initially placed on hold pertaining to the Compton HS project:

Lab Report 419313

- Sample 419313-25 - AOC4-SV12E-25, run for TPHg, d, and mo by 8015B/M and VOCs by 8260B

Lab Report 419372

- AOC4-SV11S-10, run for TPHg, d, and mo by 8015B/M and VOCs by 8260B
- AOC4-B6-E1S-5, run for TPHg, d, and mo by 8015B/M and VOCs by 8260B
- AOC4-SV12W-15, run for TPHg, d, and mo by 8015B/M and VOCs by 8260B

Thanks,



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



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

Lab Request: 419422
Report Date: 09/23/2019
Date Received: 09/13/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
604 South Acacia Avenue, 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**

419422-001 WC-1
419422-002 WC-2
419422-003 WC-3

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.

Report Review performed by: Patricia Mata, PM

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: 419422-001	Client Sample #: WC-1	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206704				
Antimony	ND	1	3	mg/Kg		09/17/19	SBW
Arsenic	4.69	1	1	mg/Kg		09/17/19	SBW
Barium	132	1	1	mg/Kg		09/17/19	SBW
Beryllium	ND	1	0.5	mg/Kg		09/17/19	SBW
Cadmium	0.67	1	0.5	mg/Kg		09/17/19	SBW
Chromium	20.3	1	1	mg/Kg		09/17/19	SBW
Cobalt	11.0	1	0.5	mg/Kg		09/17/19	SBW
Copper	21.8	1	1	mg/Kg		09/17/19	SBW
Lead	23.8	1	1	mg/Kg		09/17/19	SBW
Molybdenum	ND	1	1	mg/Kg		09/17/19	SBW
Nickel	13.0	1	1.5	mg/Kg		09/17/19	SBW
Selenium	ND	1	3	mg/Kg		09/17/19	SBW
Silver	ND	1	0.5	mg/Kg		09/17/19	SBW
Thallium	ND	1	3	mg/Kg		09/17/19	SBW
Vanadium	39.1	1	0.5	mg/Kg		09/17/19	SBW
Zinc	90.5	1	5	mg/Kg		09/17/19	SBW
Method: EPA 7471A <i>NELAC</i>	Prep Method: EPA 7471A		QCBatchID: QC1206759				
Mercury	ND	1	0.14	mg/Kg	09/17/19	09/17/19	KLN
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206757				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Gasoline	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	17	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
<i>Triacotane (SUR)</i>	106		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	1	100	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	1	5	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	1	5	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	1	5	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/Kg		09/15/19	ZZ
Acetone	ND	1	100	ug/Kg		09/15/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/13/2019

Site:

Sample #: 419422-001

Client Sample #: WC-1

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Allyl Chloride	ND	1	5	ug/Kg		09/15/19	ZZ
Benzene	ND	1	5	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	1	5	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	1	5	ug/Kg		09/15/19	ZZ
Bromoform	ND	1	5	ug/Kg		09/15/19	ZZ
Bromomethane	ND	1	5	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	1	5	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	1	5	ug/Kg		09/15/19	ZZ
Chloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
Chloroform	ND	1	5	ug/Kg		09/15/19	ZZ
Chloromethane	ND	1	5	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	1	5	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/15/19	ZZ
Dibromomethane	ND	1	5	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	1	5	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	5	ug/Kg		09/15/19	ZZ
Ethylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	5	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	1	5	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	1	5	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	1	5	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1	5	ug/Kg		09/15/19	ZZ
Naphthalene	ND	1	5	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
N-propylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
o-Xylene	ND	1	5	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Styrene	ND	1	5	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	1	10	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	1	5	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
Toluene	ND	1	5	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	1	5	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	1	5	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	1	5	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	1	5	ug/Kg		09/15/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

94

70-145

4-Bromofluorobenzene (SUR)

110

70-145

Dibromofluoromethane (SUR)

95

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: <u>419422-002</u>	Client Sample #: WC-2	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206704				
Antimony	ND	1	3	mg/Kg		09/17/19	SBW
Arsenic	3.00	1	1	mg/Kg		09/17/19	SBW
Barium	133	1	1	mg/Kg		09/17/19	SBW
Beryllium	ND	1	0.5	mg/Kg		09/17/19	SBW
Cadmium	0.62	1	0.5	mg/Kg		09/17/19	SBW
Chromium	20.9	1	1	mg/Kg		09/17/19	SBW
Cobalt	11.7	1	0.5	mg/Kg		09/17/19	SBW
Copper	23.0	1	1	mg/Kg		09/17/19	SBW
Lead	21.6	1	1	mg/Kg		09/17/19	SBW
Molybdenum	ND	1	1	mg/Kg		09/17/19	SBW
Nickel	13.1	1	1.5	mg/Kg		09/17/19	SBW
Selenium	ND	1	3	mg/Kg		09/17/19	SBW
Silver	ND	1	0.5	mg/Kg		09/17/19	SBW
Thallium	ND	1	3	mg/Kg		09/17/19	SBW
Vanadium	42.7	1	0.5	mg/Kg		09/17/19	SBW
Zinc	87.4	1	5	mg/Kg		09/17/19	SBW
Method: EPA 7471A <i>NELAC</i>	Prep Method: EPA 7471A		QCBatchID: QC1206759				
Mercury	ND	1	0.14	mg/Kg	09/17/19	09/17/19	KLN
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206757				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Gasoline	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	25	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
<i>Triacotane (SUR)</i>	112		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030		QCBatchID: QC1206682				
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1,1-Trichloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1,2-Trichloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,1-Dichloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
1,1-Dichloropropene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2,3-Trichloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dibromoethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dichloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
1,2-Dichloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,3-Dichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
1,3-Dichloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
1,4-Dichlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
2,2-Dichloropropane	ND	1	5	ug/Kg		09/15/19	ZZ
2-Butanone (MEK)	ND	1	100	ug/Kg		09/15/19	ZZ
2-Chlorotoluene	ND	1	5	ug/Kg		09/15/19	ZZ
4-Chlorotoluene	ND	1	5	ug/Kg		09/15/19	ZZ
4-Isopropyltoluene	ND	1	5	ug/Kg		09/15/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/Kg		09/15/19	ZZ
Acetone	ND	1	100	ug/Kg		09/15/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: 419422-002	Client Sample #: WC-2	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Allyl Chloride	ND	1	5	ug/Kg		09/15/19	ZZ
Benzene	ND	1	5	ug/Kg		09/15/19	ZZ
Bromobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Bromochloromethane	ND	1	5	ug/Kg		09/15/19	ZZ
Bromodichloromethane	ND	1	5	ug/Kg		09/15/19	ZZ
Bromoform	ND	1	5	ug/Kg		09/15/19	ZZ
Bromomethane	ND	1	5	ug/Kg		09/15/19	ZZ
Carbon Tetrachloride	ND	1	5	ug/Kg		09/15/19	ZZ
Chlorobenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Chlorodibromomethane	ND	1	5	ug/Kg		09/15/19	ZZ
Chloroethane	ND	1	5	ug/Kg		09/15/19	ZZ
Chloroform	ND	1	5	ug/Kg		09/15/19	ZZ
Chloromethane	ND	1	5	ug/Kg		09/15/19	ZZ
cis-1,2-Dichloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
cis-1,3-dichloropropene	ND	1	5	ug/Kg		09/15/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/15/19	ZZ
Dibromomethane	ND	1	5	ug/Kg		09/15/19	ZZ
Dichlorodifluoromethane	ND	1	5	ug/Kg		09/15/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	5	ug/Kg		09/15/19	ZZ
Ethylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	5	ug/Kg		09/15/19	ZZ
Hexachlorobutadiene	ND	1	5	ug/Kg		09/15/19	ZZ
Isopropylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
m and p-Xylene	ND	1	5	ug/Kg		09/15/19	ZZ
Methylene chloride	ND	1	5	ug/Kg		09/15/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1	5	ug/Kg		09/15/19	ZZ
Naphthalene	ND	1	5	ug/Kg		09/15/19	ZZ
N-butylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
N-propylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
o-Xylene	ND	1	5	ug/Kg		09/15/19	ZZ
Sec-butylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Styrene	ND	1	5	ug/Kg		09/15/19	ZZ
t-Butyl alcohol (TBA)	ND	1	10	ug/Kg		09/15/19	ZZ
Tert-amylmethylether (TAME)	ND	1	5	ug/Kg		09/15/19	ZZ
Tert-butylbenzene	ND	1	5	ug/Kg		09/15/19	ZZ
Tetrachloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
Toluene	ND	1	5	ug/Kg		09/15/19	ZZ
trans-1,2-dichloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
trans-1,3-dichloropropene	ND	1	5	ug/Kg		09/15/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/Kg		09/15/19	ZZ
Trichloroethene	ND	1	5	ug/Kg		09/15/19	ZZ
Trichlorofluoromethane	ND	1	5	ug/Kg		09/15/19	ZZ
Vinyl Chloride	ND	1	5	ug/Kg		09/15/19	ZZ
Xylenes (Total)	ND	1	5	ug/Kg		09/15/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	93	70-145	
4-Bromofluorobenzene (SUR)	106	70-145	
Dibromofluoromethane (SUR)	97	70-145	
Toluene-d8 (SUR)	98	70-145	

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: <u>419422-003</u>	Client Sample #: WC-3	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	QC Batch ID	Analized By	Notes
Method: EPA 6010B <i>NELAC</i>		Prep Method: EPA 3010A				QC1206727		
Antimony	ND	1	0.04	mg/L		09/17/19	SBW	
Arsenic	0.038	1	0.01	mg/L		09/17/19	SBW	
Barium	0.400	1	0.01	mg/L		09/17/19	SBW	
Beryllium	ND	1	0.005	mg/L		09/17/19	SBW	
Cadmium	ND	1	0.005	mg/L		09/17/19	SBW	
Chromium	0.067	1	0.01	mg/L		09/17/19	SBW	
Cobalt	0.024	1	0.005	mg/L		09/17/19	SBW	
Copper	0.170	1	0.01	mg/L		09/17/19	SBW	
Lead	0.218	1	0.01	mg/L		09/17/19	SBW	
Molybdenum	0.0211	1	0.01	mg/L		09/17/19	SBW	
Nickel	0.048	1	0.02	mg/L		09/17/19	SBW	
Selenium	ND	1	0.03	mg/L		09/17/19	SBW	
Silver	ND	1	0.005	mg/L		09/17/19	SBW	
Thallium	ND	1	0.05	mg/L		09/17/19	SBW	
Vanadium	0.122	1	0.005	mg/L		09/17/19	SBW	
Zinc	0.830	1	0.05	mg/L		09/17/19	SBW	
Method: EPA 7470A <i>NELAC</i>		Prep Method: Method				QC1206854		
Mercury	ND	1	0.4	ug/L	09/19/19	09/19/19	JP	
Method: EPA 8015B <i>NELAC</i>		Prep Method: EPA 3510C				QC1206687		
TPH Diesel	1.0	4	0.4	mg/L	09/16/19	09/17/19	TW	D1
TPH Motor Oil	ND	4	1.2	mg/L	09/16/19	09/17/19	TW	D1
<i>Surrogate</i>		<i>% Recovery</i>		<i>Limits</i>				<i>Notes</i>
<i>Triacotane (SUR)</i>		56		50-150				Spike amount changed to 0.08 due to vol
Method: EPA 8015B <i>NELAC</i>		Prep Method: EPA 5030B				QC1206708		
TPH Gasoline	ND	50	2500	ug/L		09/18/19	EW	D2
<i>Surrogate</i>		<i>% Recovery</i>		<i>Limits</i>				<i>Notes</i>
<i>4-Bromofluorobenzene (SUR)</i>		101		60-140				
Method: EPA 8260B <i>NELAC</i>		Prep Method: EPA 5030B				QC1206709		
1,1,1,2-Tetrachloroethane	ND	50	250	ug/L		09/16/19	LZ	D2
1,1,1-Trichloroethane	ND	50	250	ug/L		09/16/19	LZ	D2
1,1,1,2-Tetrachloroethane	ND	50	250	ug/L		09/16/19	LZ	D2
1,1,2-Trichloroethane	ND	50	250	ug/L		09/16/19	LZ	D2
1,1,2-Trichlorotrifluoroethane	ND	50	250	ug/L		09/16/19	LZ	D2
1,1-Dichloroethane	ND	50	250	ug/L		09/16/19	LZ	D2
1,1-Dichloroethene	ND	50	250	ug/L		09/16/19	LZ	D2
1,1-Dichloropropene	ND	50	250	ug/L		09/16/19	LZ	D2
1,2,3-Trichlorobenzene	ND	50	250	ug/L		09/16/19	LZ	D2
1,2,3-Trichloropropane	ND	50	250	ug/L		09/16/19	LZ	D2
1,2,4-Trichlorobenzene	ND	50	250	ug/L		09/16/19	LZ	D2
1,2,4-Trimethylbenzene	ND	50	250	ug/L		09/16/19	LZ	D2
1,2-Dibromo-3-chloropropane	ND	50	250	ug/L		09/16/19	LZ	D2
1,2-Dibromoethane	ND	50	250	ug/L		09/16/19	LZ	D2
1,2-Dichlorobenzene	ND	50	250	ug/L		09/16/19	LZ	D2
1,2-Dichloroethane	ND	50	250	ug/L		09/16/19	LZ	D2
1,2-Dichloropropane	ND	50	250	ug/L		09/16/19	LZ	D2
1,3,5-Trimethylbenzene	ND	50	250	ug/L		09/16/19	LZ	D2
1,3-Dichlorobenzene	ND	50	250	ug/L		09/16/19	LZ	D2
1,3-Dichloropropane	ND	50	250	ug/L		09/16/19	LZ	D2
1,4-Dichlorobenzene	ND	50	250	ug/L		09/16/19	LZ	D2
2,2-Dichloropropane	ND	50	250	ug/L		09/16/19	LZ	D2
2-Butanone (MEK)	ND	50	5000	ug/L		09/16/19	LZ	D2
2-Chlorotoluene	ND	50	250	ug/L		09/16/19	LZ	D2

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/13/2019

Site:

Sample #: 419422-003

Client Sample #: WC-3

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
4-Chlorotoluene	ND	50	250	ug/L		09/16/19	LZ D2
4-Isopropyltoluene	ND	50	250	ug/L		09/16/19	LZ D2
4-Methyl-2-pentanone (MIBK)	ND	50	250	ug/L		09/16/19	LZ D2
Acetone	ND	50	5000	ug/L		09/16/19	LZ D2
Allyl Chloride	ND	50	250	ug/L		09/16/19	LZ D2
Benzene	ND	50	50	ug/L		09/16/19	LZ D2
Bromobenzene	ND	50	250	ug/L		09/16/19	LZ D2
Bromochloromethane	ND	50	250	ug/L		09/16/19	LZ D2
Bromodichloromethane	ND	50	250	ug/L		09/16/19	LZ D2
Bromoform	ND	50	250	ug/L		09/16/19	LZ D2
Bromomethane	ND	50	250	ug/L		09/16/19	LZ D2
Carbon Tetrachloride	ND	50	250	ug/L		09/16/19	LZ D2
Chlorobenzene	ND	50	250	ug/L		09/16/19	LZ D2
Chlorodibromomethane	ND	50	250	ug/L		09/16/19	LZ D2
Chloroethane	ND	50	250	ug/L		09/16/19	LZ D2
Chloroform	ND	50	250	ug/L		09/16/19	LZ D2
Chloromethane	ND	50	250	ug/L		09/16/19	LZ D2
cis-1,2-Dichloroethene	ND	50	250	ug/L		09/16/19	LZ D2
cis-1,3-dichloropropene	ND	50	250	ug/L		09/16/19	LZ D2
cis-1,4-dichloro-2-butene	ND	50	250	ug/L		09/16/19	LZ D2
Dibromomethane	ND	50	250	ug/L		09/16/19	LZ D2
Dichlorodifluoromethane	ND	50	250	ug/L		09/16/19	LZ D2
Di-isopropyl ether (DIPE)	ND	50	50	ug/L		09/16/19	LZ D2
Ethylbenzene	ND	50	250	ug/L		09/16/19	LZ D2
Ethyl-tertbutylether (ETBE)	ND	50	50	ug/L		09/16/19	LZ D2
Hexachlorobutadiene	ND	50	250	ug/L		09/16/19	LZ D2
Isopropylbenzene	ND	50	250	ug/L		09/16/19	LZ D2
m and p-Xylene	ND	50	250	ug/L		09/16/19	LZ D2
Methylene chloride	ND	50	250	ug/L		09/16/19	LZ B,D2
Methyl-t-butyl Ether (MTBE)	ND	50	50	ug/L		09/16/19	LZ D2
Naphthalene	ND	50	250	ug/L		09/16/19	LZ D2
N-butylbenzene	ND	50	250	ug/L		09/16/19	LZ D2
N-propylbenzene	ND	50	250	ug/L		09/16/19	LZ D2
o-Xylene	ND	50	250	ug/L		09/16/19	LZ D2
Sec-butylbenzene	ND	50	250	ug/L		09/16/19	LZ D2
Styrene	ND	50	250	ug/L		09/16/19	LZ D2
t-Butyl alcohol (TBA)	ND	50	500	ug/L		09/16/19	LZ D2
Tert-amylmethylether (TAME)	ND	50	250	ug/L		09/16/19	LZ D2
Tert-butylbenzene	ND	50	250	ug/L		09/16/19	LZ D2
Tetrachloroethene	ND	50	250	ug/L		09/16/19	LZ D2
Toluene	ND	50	250	ug/L		09/16/19	LZ D2
trans-1,2-dichloroethene	ND	50	250	ug/L		09/16/19	LZ D2
trans-1,3-dichloropropene	ND	50	250	ug/L		09/16/19	LZ D2
trans-1,4-dichloro-2-butene	ND	50	250	ug/L		09/16/19	LZ D2
Trichloroethene	ND	50	250	ug/L		09/16/19	LZ D2
Trichlorofluoromethane	ND	50	250	ug/L		09/16/19	LZ D2
Vinyl Chloride	ND	50	250	ug/L		09/16/19	LZ D2
Xylenes (Total)	ND	50	250	ug/L		09/16/19	LZ D2

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

89

70-145

4-Bromofluorobenzene (SUR)

109

70-145

Dibromofluoromethane (SUR)

95

70-145

Toluene-d8 (SUR)

100

70-145

QCBatchID: **QC1206682**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/15/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206682MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: **QC1206682**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/15/2019

Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206682MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206682LCS1, QC1206682LCSD1											
1,1-Dichloroethene	50	50	62	62	ug/Kg	124	124	0	59-172	22	
Benzene	50	50	55	57	ug/Kg	110	114	4	62-137	24	
Chlorobenzene	50	50	53	55	ug/Kg	106	110	4	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	46	50	ug/Kg	92	100	8	62-137	21	
Toluene	50	50	54	56	ug/Kg	108	112	4	59-139	21	
Trichloroethene	50	50	55	55	ug/Kg	110	110	0	66-142	21	

QCBatchID: <u>QC1206687</u>	Analyst: Jarriaga	Method: EPA 8015B
Matrix: Water	Analyzed: 09/17/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206687MB1				
TPH (C12 to C28)	ND	mg/L	0.2	
TPH Diesel	ND	mg/L	0.1	
TPH Motor Oil	ND	mg/L	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206687LCS1, QC1206687LCSD1											
TPH Diesel	1	1	0.72	0.77	mg/L	72	77	7	1112-99.0	20	

QCBatchID: QC1206704	Analyst: kedy	Method: EPA 6010B
Matrix: Solid	Analyzed: 09/16/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206704MB1				
Antimony	ND	mg/Kg	3	
Arsenic	ND	mg/Kg	1	
Barium	ND	mg/Kg	1	
Beryllium	ND	mg/Kg	0.5	
Cadmium	ND	mg/Kg	0.5	
Chromium	ND	mg/Kg	1	
Cobalt	ND	mg/Kg	0.5	
Copper	ND	mg/Kg	1	
Lead	ND	mg/Kg	1	
Molybdenum	ND	mg/Kg	1	
Nickel	ND	mg/Kg	1.5	
Selenium	ND	mg/Kg	3	
Silicon, as Silica	ND	mg/Kg	107	
Silver	ND	mg/Kg	0.5	
Thallium	ND	mg/Kg	3	
Vanadium	ND	mg/Kg	0.5	
Zinc	ND	mg/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes	
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD		
QC1206704LCS1												
Antimony	100		97.4		mg/Kg	97			80-120			
Arsenic	100		91.5		mg/Kg	92			80-120			
Barium	100		93.4		mg/Kg	93			80-120			
Beryllium	100		88.1		mg/Kg	88			80-120			
Cadmium	100		95.2		mg/Kg	95			80-120			
Chromium	100		98.8		mg/Kg	99			80-120			
Cobalt	100		94.8		mg/Kg	95			80-120			
Copper	100		94.0		mg/Kg	94			80-120			
Lead	100		93.6		mg/Kg	94			80-120			
Molybdenum	100		98.9		mg/Kg	99			80-120			
Nickel	100		93.0		mg/Kg	93			80-120			
Selenium	100		91.8		mg/Kg	92			80-120			
Silver	100		96.3		mg/Kg	96			80-120			
Thallium	100		92.8		mg/Kg	93			80-120			
Vanadium	100		97.8		mg/Kg	98			80-120			
Zinc	100		94.4		mg/Kg	94			80-120			

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206704MS1, QC1206704MSD1												
Antimony	ND	100	100	51.2	49.4	mg/Kg	51	49	3.6	75-125	20	M
Arsenic	4.18	100	100	98.1	99.5	mg/Kg	94	95	1.4	75-125	20	
Barium	384	100	100	691	1350	mg/Kg	307	966	64.6	75-125	20	M
Beryllium	ND	100	100	88.2	88.4	mg/Kg	88	88	0.2	75-125	20	
Cadmium	0.66	100	100	87.8	89.8	mg/Kg	87	89	2.3	75-125	20	
Chromium	19.1	100	100	110	112	mg/Kg	91	93	1.8	75-125	20	
Cobalt	6.04	100	100	95.8	98.3	mg/Kg	90	92	2.6	75-125	20	
Copper	10.2	100	100	99.4	103	mg/Kg	89	93	3.6	75-125	20	
Lead	4.21	100	100	92.3	99.4	mg/Kg	88	95	7.4	75-125	20	

QCBatchID: QC1206704**Analyst: kedy****Method: EPA 6010B****Matrix: Solid****Analyzed: 09/16/2019****Instrument: AAICP (group)**

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206704MS1, QC1206704MSD1											Source: 418433-001	
Molybdenum	1.42	100	100	94.9	97.3	mg/Kg	93	96	2.5	75-125	20	
Nickel	10.9	100	100	92.6	96.6	mg/Kg	82	86	4.2	75-125	20	
Selenium	ND	100	100	89.4	91.8	mg/Kg	89	92	2.6	75-125	20	
Silver	ND	100	100	94.0	92.7	mg/Kg	94	93	1.4	75-125	20	
Thallium	2.54	100	100	84.2	88.9	mg/Kg	82	86	5.4	75-125	20	
Vanadium	32.5	100	100	128	132	mg/Kg	96	100	3.1	75-125	20	
Zinc	29.5	100	100	111	117	mg/Kg	82	88	5.3	75-125	20	

QCBatchID: QC1206708	Analyst: sandyw	Method: EPA 8015B
Matrix: Water	Analyzed: 09/18/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206708MB1				
TPH (C6 to C10)	ND	ug/L	50	
TPH (C6 to C12)	ND	ug/L	50	
TPH Gasoline	ND	ug/L	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206708LCS1											
TPH (C6 to C12)	500		520		ug/L	104			70-130		
TPH Gasoline	500		540		ug/L	108			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206708MS1, QC1206708MSD1												
TPH Gasoline	ND	500	500	550	540	ug/L	110	108	1.8	70-130	30	

Source: 419430-001

QCBatchID: **QC1206709**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 09/16/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206709MB1				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	
1,1,1-Trichloroethane	ND	ug/L	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	
1,1,2-Trichloroethane	ND	ug/L	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	
1,1-Dichloroethane	ND	ug/L	5	
1,1-Dichloroethene	ND	ug/L	5	
1,1-Dichloropropene	ND	ug/L	5	
1,2,3-Trichlorobenzene	ND	ug/L	5	
1,2,3-Trichloropropane	ND	ug/L	5	
1,2,4-Trichlorobenzene	ND	ug/L	5	
1,2,4-Trimethylbenzene	ND	ug/L	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	5	
1,2-Dibromoethane	ND	ug/L	5	
1,2-Dichlorobenzene	ND	ug/L	5	
1,2-Dichloroethane	ND	ug/L	5	
1,2-Dichloropropane	ND	ug/L	5	
1,3,5-Trimethylbenzene	ND	ug/L	5	
1,3-Dichlorobenzene	ND	ug/L	5	
1,3-Dichloropropane	ND	ug/L	5	
1,4-Dichlorobenzene	ND	ug/L	5	
2,2-Dichloropropane	ND	ug/L	5	
2-Butanone (MEK)	ND	ug/L	100	
2-Chlorotoluene	ND	ug/L	5	
4-Chlorotoluene	ND	ug/L	5	
4-Isopropyltoluene	ND	ug/L	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	
Acetone	ND	ug/L	100	
Allyl Chloride	ND	ug/L	5	
Benzene	ND	ug/L	1	
Bromobenzene	ND	ug/L	5	
Bromochloromethane	ND	ug/L	5	
Bromodichloromethane	ND	ug/L	5	
Bromoform	ND	ug/L	5	
Bromomethane	ND	ug/L	5	
Carbon Tetrachloride	ND	ug/L	5	
Chlorobenzene	ND	ug/L	5	
Chlorodibromomethane	ND	ug/L	5	
Chloroethane	ND	ug/L	5	
Chloroform	ND	ug/L	5	
Chloromethane	ND	ug/L	5	
cis-1,2-Dichloroethene	ND	ug/L	5	
cis-1,3-dichloropropene	ND	ug/L	5	
cis-1,4-dichloro-2-butene	ND	ug/L	5	
Dibromomethane	ND	ug/L	5	
Dichlorodifluoromethane	ND	ug/L	5	
Di-isopropyl ether (DIPE)	ND	ug/L	1	
Ethanol	ND	ug/L	500	
Ethylbenzene	ND	ug/L	5	
Ethyl-tertbutylether (ETBE)	ND	ug/L	1	
Hexachlorobutadiene	ND	ug/L	5	
Isopropylbenzene	ND	ug/L	5	

QCBatchID: QC1206709	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 09/16/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206709MB1				
m and p-Xylene	ND	ug/L	5	
Methylene chloride	6.8	ug/L	5	B
Methyl-t-butyl Ether (MTBE)	ND	ug/L	1	
Naphthalene	ND	ug/L	5	
N-butylbenzene	ND	ug/L	5	
N-propylbenzene	ND	ug/L	5	
o-Xylene	ND	ug/L	5	
Sec-butylbenzene	ND	ug/L	5	
Styrene	ND	ug/L	5	
t-Butyl alcohol (TBA)	ND	ug/L	10	
Tert-amylmethylether (TAME)	ND	ug/L	5	
Tert-butylbenzene	ND	ug/L	5	
Tetrachloroethene	ND	ug/L	5	
Toluene	ND	ug/L	5	
trans-1,2-dichloroethene	ND	ug/L	5	
trans-1,3-dichloropropene	ND	ug/L	5	
trans-1,4-dichloro-2-butene	ND	ug/L	5	
Trichloroethene	ND	ug/L	5	
Trichlorofluoromethane	ND	ug/L	5	
Vinyl Chloride	ND	ug/L	5	
Xylenes (Total)	ND	ug/L	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206709LCS1											
1,1-Dichloroethene	50		55		ug/L	110			59-172		
Benzene	50		54		ug/L	108			62-137		
Chlorobenzene	50		53		ug/L	106			60-133		
Methyl-t-butyl Ether (MTBE)	50		46		ug/L	92			62-137		
Toluene	50		54		ug/L	108			59-139		
Trichloroethene	50		58		ug/L	116			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206709MS1, QC1206709MSD1 Source: 419394-001												
1,1-Dichloroethene	ND	50	50	56	52	ug/L	112	104	7.4	59-172	22	
Benzene	5.3	50	50	56	53	ug/L	101	95	5.5	62-137	24	
Chlorobenzene	ND	50	50	55	53	ug/L	110	106	3.7	60-133	24	
Ethylbenzene	0.94	50	50	58	56	ug/L	114	110	3.5	70-130	25	
m and p-Xylene	6.4	100	100	130	120	ug/L	124	114	8.0	70-130	25	
Methyl-t-butyl Ether (MTBE)	110	50	50	190	190	ug/L	160	160	0.0	62-137	21	M
o-Xylene	3.6	50	50	66	64	ug/L	125	121	3.1	70-130	25	
Toluene	1.0	50	50	54	51	ug/L	106	100	5.7	59-139	21	
Trichloroethene	ND	50	50	58	52	ug/L	116	104	10.9	66-142	21	

QCBatchID: QC1206727	Analyst: kedy	Method: EPA 6010B
Matrix: Water	Analyzed: 09/17/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206727MB1				
Antimony	ND	mg/L	0.04	
Arsenic	ND	mg/L	0.01	
Barium	ND	mg/L	0.01	
Beryllium	ND	mg/L	0.005	
Cadmium	ND	mg/L	0.005	
Chromium	ND	mg/L	0.01	
Cobalt	ND	mg/L	0.005	
Copper	ND	mg/L	0.01	
Lead	ND	mg/L	0.01	
Molybdenum	ND	mg/L	0.01	
Nickel	ND	mg/L	0.02	
Selenium	ND	mg/L	0.03	
Silver	ND	mg/L	0.005	
Thallium	ND	mg/L	0.05	
Vanadium	ND	mg/L	0.005	
Zinc	ND	mg/L	0.05	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206727LCS1											
Antimony	2		2.08		mg/L	104			80-120		
Arsenic	2		2.04		mg/L	102			80-120		
Barium	2		2.22		mg/L	111			80-120		
Beryllium	2		2.16		mg/L	108			80-120		
Cadmium	2		2.17		mg/L	109			80-120		
Chromium	2		2.10		mg/L	105			80-120		
Cobalt	2		2.15		mg/L	108			80-120		
Copper	2		2.08		mg/L	104			80-120		
Lead	2		2.13		mg/L	107			80-120		
Molybdenum	2		2.13		mg/L	107			80-120		
Nickel	2		1.95		mg/L	98			80-120		
Selenium	2		2.08		mg/L	104			80-120		
Silver	2		2.02		mg/L	101			80-120		
Thallium	2		2.14		mg/L	107			80-120		
Vanadium	2		2.12		mg/L	106			80-120		
Zinc	2		2.09		mg/L	105			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206727MS1, QC1206727MSD1												
Source: 419193-020												
Antimony	ND	2	2	2.06	2.01	mg/L	103	101	2.5	75-125	20	
Arsenic	ND	2	2	2.06	1.98	mg/L	103	99	4.0	75-125	20	
Barium	ND	2	2	2.25	2.10	mg/L	113	105	6.9	75-125	20	
Beryllium	ND	2	2	2.12	2.03	mg/L	106	102	4.3	75-125	20	
Cadmium	ND	2	2	2.26	2.12	mg/L	113	106	6.4	75-125	20	
Chromium	ND	2	2	2.41	2.26	mg/L	121	113	6.4	75-125	20	
Cobalt	ND	2	2	2.22	2.07	mg/L	111	104	7.0	75-125	20	
Copper	ND	2	2	2.29	2.22	mg/L	115	111	3.1	75-125	20	
Lead	ND	2	2	2.09	2.02	mg/L	105	101	3.4	75-125	20	
Molybdenum	ND	2	2	2.12	2.05	mg/L	106	103	3.4	75-125	20	

QCBatchID: QC1206727**Analyst:** kedy**Method:** EPA 6010B**Matrix:** Water**Analyzed:** 09/17/2019**Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206727MS1, QC1206727MSD1											Source: 419193-020	
Nickel	0.006	2	2	1.84	1.60	mg/L	92	80	14.0	75-125	20	
Selenium	ND	2	2	2.05	2.00	mg/L	103	100	2.5	75-125	20	
Silver	ND	2	2	2.04	1.94	mg/L	102	97	5.0	75-125	20	
Thallium	ND	2	2	2.12	2.04	mg/L	106	102	3.8	75-125	20	
Vanadium	ND	2	2	2.40	2.25	mg/L	120	113	6.5	75-125	20	
Zinc	ND	2	2	2.38	2.22	mg/L	119	111	7.0	75-125	20	

QCBatchID: QC1206757	Analyst: Jarriaga	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/20/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206757MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH (C13 to C23)	ND	mg/Kg	10	
TPH (C24 to C36)	ND	mg/Kg	20	
TPH (C28 to C40)	ND	mg/Kg	20	
TPH (C6 to C12)	ND	mg/Kg	10	
TPH (C8 to C10)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Gasoline	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	20	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206757LCS1											
TPH (C10 to C28)	250		240		mg/Kg	96			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206757MS1, QC1206757MSD1												
TPH (C10 to C28)	68	250	250	240	250	mg/Kg	69	73	4.1	70-130	20	M

Source: 419389-023

QCBatchID: <u>QC1206759</u>	Analyst: kedy	Method: EPA 7471A
Matrix: Solid	Analyzed: 09/17/2019	Instrument: AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206759MB1				
Mercury	ND	mg/Kg	0.14	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206759LCS1											
Mercury	0.83		0.83		mg/Kg	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206759MS1, QC1206759MSD1												
Mercury	ND	0.83	0.83	0.75	0.76	mg/Kg	90	92	1.3	75-125	20	

Source: 418433-001

QCBatchID: <u>QC1206854</u>	Analyst: cmorales	Method: EPA 7470A
Matrix: Water	Analyzed: 09/19/2019	Instrument: AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206854MB1				
Mercury	ND	ug/L	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206854LCS1											
Mercury	5		4.98		ug/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206854MS1, QC1206854MSD1 Source: 419422-003												
Mercury	0.12	5	5	5.52	5.49	ug/L	108	107	0.5	75-125	20	
QC1206854MS2, QC1206854MSD2 Source: 419477-001												
Mercury	ND	5	5	5.11	5.07	ug/L	102	101	0.8	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 - Orange

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

Chain of Custody Record

Lab No: **419422**
Page: **1** of **1**

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

Turn Around Time (rush by advanced notice only)

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

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp: (lab use only)

PROJECT INFORMATION

Company: Ninyo & Moore
Report To: Patrick Cullip
Email: pcullip@ninyoandmoore.com
Address: 475 Goddard Site 200
Irvine, CA 92618
Phone: 949-753-7070
Fax: 949-753-7071
Name: Compton High School PEA
Number: 210886002
P.O. #:
Address: 601 South Acacia Avenue
Compton, CA 90220
Global ID:
Sampled By: **KMH / AUC**

Analysis Request

Test Instructions / Comments
Please cc results to khill@ninyoandmoore.com
Please report TPHs as GRO, DRO, MRO

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 WC-1	9/13/19	---	SOIL 1-8oz jar	ICE	X
2 WC-2	↓	---	SOIL 1-8oz jar	↓	X
3 WC-3	↓	---	H ₂ O VARIOUS	↓	X
4					
5					
6					
7					
8					
9					
10					

Analysis Request	Hold
Lead (6010B)	X
TPH _{g,d,o} (8015B/5035)	X
VOCs (8260B/5035)	X
TPH _{g,d,o} (8015B)	X
VOCs (8260B)	X

CUSTOMER INFORMATION

Signature:
Print Name: **Audrey Carrall**
Company / Title: **N & M EA**
Date / Time: **9/13/19 1519**

1 Relinquished By:	
1 Received By:	
2 Relinquished By:	
2 Received By:	
3 Relinquished By:	
3 Received By:	

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton High School

Date Received: 9/13/19 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: 16.3 #2: 6.3 #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: 1.3 #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

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: 9/13/19

Patty Mata

From: Audrey Carroll
Sent: Friday, September 13, 2019 3:32 PM
To: Patty Mata
Subject: Re: Compton High School 5035 Kit order

Hi Patty,

I just dropped samples off and was told that for our Waste Characteristic samples (WC-#) they need to be tested for Title 22 Metals instead of just Lead. Could you please test these for Title 22 Metals, TPHg,d,o (8015B), and VOCs (8260B)?

Thank you so much,
Audrey

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(949) 697-2249 (cell)
(949) 753-7070 x12268 (office)

From: Patty Mata <patty.mata@enthalpy.com>
Sent: Monday, September 9, 2019 2:57:10 PM
To: Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: RE: Compton High School 5035 Kit order

The 70 kits are ready for pickup here in our Orange lab.

With Regards,

Patty Mata
Project Manager
Direct (714) 771-9930



From: Audrey Carroll <acarroll@ninyoandmoore.com>
Sent: Monday, September 09, 2019 1:11 PM
To: Patty Mata <patty.mata@enthalpy.com>
Subject: Re: Compton High School 5035 Kit order

Just the 5-vial kits.

Thanks,

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(949) 697-2249 (cell)
(949) 753-7070 x12268 (office)



Enthalpy Analytical, LLC

931 W. Barkley Ave - Orange, CA 92868
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www.enthalpy.com
info-sc@enthalpy.com



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

Lab Request: 419425
Report Date: 09/23/2019
Date Received: 09/13/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia Avenue, Compton, CA 90220

EPA 6010B Lead testing could not be completed for the EB samples due to need for additional sample volume. Only a 1L glass bottle and VOA vials were received for the EB samples.

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.

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>
419425-001	AOC4-SV10W-5'	419425-025	AOC4-B18-S1W-1'
419425-002	AOC4-SV10W-10'	419425-026	AOC4-B18-S1W-2.5'
419425-003	AOC4-SV10W-15'	419425-027	AOC4-B18-S1W-5'
419425-004	AOC4-SV10W-20'	419425-028	AOC4-B18-S1W-7.5'
419425-005	AOC4-SV10N-5'	419425-029	DUP-55
419425-006	AOC4-SV10N-10'	419425-030	DUP-56
419425-007	AOC4-SV10N-15'	419425-031	DUP-57
419425-008	AOC4-SV10N-20'	419425-032	DUP-58
419425-009	AOC4-SV11E-5'	419425-033	EB-091319A
419425-010	AOC4-SV11E-10'	419425-034	EB-191319B
419425-011	AOC4-SV11E-15'	419425-035	Trip Blank A
419425-012	AOC4-SV11E-20'	419425-036	Trip Blank B
419425-013	AOC4-B18-S1S-1'		
419425-014	AOC4-B18-S1S-2.5'		
419425-015	AOC4-B18-S1S-5'		
419425-016	AOC4-B18-S1S-7.5'		
419425-017	AOC4-B18-S1N-1'		
419425-018	AOC4-B18-S1N-2.5'		
419425-019	AOC4-B18-S1N-5'		
419425-020	AOC4-B18-S1N-7.5'		
419425-021	AOC4-B18-S1E-1'		
419425-022	AOC4-B18-S1E-2.5'		
419425-023	AOC4-B18-S1E-5'		
419425-024	AOC4-B18-S1E-7.5'		

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

Report Review performed by: Patricia Mata, PM

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 45 days from date received.

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 08:12	Site:	
Sample #: <u>419425-001</u>	Client Sample #: AOC4-SV10W-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206157				
TPH Gasoline	ND	0.9	2.7	mg/Kg		09/19/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	100		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206757				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	106		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206685				
1,1,1,2-Tetrachloroethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,1,1-Trichloroethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,1,2-Trichloroethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,1-Dichloroethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,1-Dichloroethene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,1-Dichloropropene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,2,3-Trichlorobenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,2,3-Trichloropropane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,2,4-Trichlorobenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,2,4-Trimethylbenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,2-Dibromoethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,2-Dichlorobenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,2-Dichloroethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,2-Dichloropropane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,3,5-Trimethylbenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,3-Dichlorobenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,3-Dichloropropane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
1,4-Dichlorobenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
2,2-Dichloropropane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
2-Butanone (MEK)	ND	1.1	110	ug/Kg		09/16/19	ZZ
2-Chlorotoluene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
4-Chlorotoluene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
4-Isopropyltoluene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Acetone	ND	1.1	110	ug/Kg		09/16/19	ZZ
Allyl Chloride	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Benzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Bromobenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Bromochloromethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Bromodichloromethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Bromoform	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Bromomethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Carbon Tetrachloride	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Chlorobenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Chlorodibromomethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Chloroethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Chloroform	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Chloromethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
cis-1,2-Dichloroethene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
cis-1,3-dichloropropene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
cis-1,4-dichloro-2-butene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 08:12	Site:	
Sample #: <u>419425-001</u>	Client Sample #: AOC4-SV10W-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Dichlorodifluoromethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Di-isopropyl ether (DIPE)	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Ethylbenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Hexachlorobutadiene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Isopropylbenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
m and p-Xylene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Methylene chloride	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Naphthalene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
N-butylbenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
N-propylbenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
o-Xylene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Sec-butylbenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Styrene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
t-Butyl alcohol (TBA)	ND	1.1	11	ug/Kg		09/16/19	ZZ
Tert-amylmethylether (TAME)	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Tert-butylbenzene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Tetrachloroethene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Toluene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
trans-1,2-dichloroethene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
trans-1,3-dichloropropene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
trans-1,4-dichloro-2-butene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Trichloroethene	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Trichlorofluoromethane	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Vinyl Chloride	ND	1.1	5.5	ug/Kg		09/16/19	ZZ
Xylenes (Total)	ND	1.1	5.5	ug/Kg		09/16/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	97	70-145	
4-Bromofluorobenzene (SUR)	114	70-145	
Dibromofluoromethane (SUR)	101	70-145	
Toluene-d8 (SUR)	101	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 08:15	Site:	
Sample #: <u>419425-002</u>	Client Sample #: AOC4-SV10W-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 08:18	Site:	
Sample #: <u>419425-003</u>	Client Sample #: AOC4-SV10W-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206157				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/19/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206757				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	100		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206716				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/17/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/17/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 08:18	Site:	
Sample #: <u>419425-003</u>	Client Sample #: AOC4-SV10W-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/17/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/17/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/17/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/17/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	107	70-145	
4-Bromofluorobenzene (SUR)	102	70-145	
Dibromofluoromethane (SUR)	100	70-145	
Toluene-d8 (SUR)	97	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 08:20	Site:	
Sample #: <u>419425-004</u>	Client Sample #: AOC4-SV10W-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 08:55	Site:	
Sample #: <u>419425-005</u>	Client Sample #: AOC4-SV10N-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206157				
TPH Gasoline	ND	0.9	2.7	mg/Kg		09/19/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	100		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206757				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	96		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206685				
1,1,1,2-Tetrachloroethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,1,1-Trichloroethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,1,2-Trichloroethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,1-Dichloroethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,1-Dichloroethene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,1-Dichloropropene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,2,3-Trichlorobenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,2,3-Trichloropropane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,2,4-Trichlorobenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,2,4-Trimethylbenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,2-Dibromoethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,2-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,2-Dichloroethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,2-Dichloropropane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,3,5-Trimethylbenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,3-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,3-Dichloropropane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
1,4-Dichlorobenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
2,2-Dichloropropane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
2-Butanone (MEK)	ND	0.9	90	ug/Kg		09/16/19	ZZ
2-Chlorotoluene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
4-Chlorotoluene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
4-Isopropyltoluene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Acetone	ND	0.9	90	ug/Kg		09/16/19	ZZ
Allyl Chloride	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Benzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Bromobenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Bromochloromethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Bromodichloromethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Bromoform	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Bromomethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Carbon Tetrachloride	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Chlorobenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Chlorodibromomethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Chloroethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Chloroform	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Chloromethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
cis-1,2-Dichloroethene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
cis-1,3-dichloropropene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 08:55	Site:	
Sample #: <u>419425-005</u>	Client Sample #: AOC4-SV10N-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Dichlorodifluoromethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Ethylbenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Hexachlorobutadiene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Isopropylbenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
m and p-Xylene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Methylene chloride	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Naphthalene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
N-butylbenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
N-propylbenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
o-Xylene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Sec-butylbenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Styrene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
t-Butyl alcohol (TBA)	ND	0.9	9	ug/Kg		09/16/19	ZZ
Tert-amylmethylether (TAME)	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Tert-butylbenzene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Tetrachloroethene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Toluene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
trans-1,2-dichloroethene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
trans-1,3-dichloropropene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Trichloroethene	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Trichlorofluoromethane	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Vinyl Chloride	ND	0.9	4.5	ug/Kg		09/16/19	ZZ
Xylenes (Total)	ND	0.9	4.5	ug/Kg		09/16/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	97	70-145	
4-Bromofluorobenzene (SUR)	115	70-145	
Dibromofluoromethane (SUR)	101	70-145	
Toluene-d8 (SUR)	101	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 08:58	Site:	
Sample #: <u>419425-006</u>	Client Sample #: AOC4-SV10N-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 09:01	Site:	
Sample #: <u>419425-007</u>	Client Sample #: AOC4-SV10N-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206157				
TPH Gasoline	ND	0.9	2.7	mg/Kg		09/19/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	105		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206757				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacontane (SUR)	102		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206716				
1,1,1,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,1-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,2-Trichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,1-Dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,3-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,3-Trichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,4-Trichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2,4-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dibromoethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dichloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,3,5-Trimethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,3-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,3-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
1,4-Dichlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
2,2-Dichloropropane	ND	0.8	4	ug/Kg		09/17/19	ZZ
2-Butanone (MEK)	ND	0.8	80	ug/Kg		09/17/19	ZZ
2-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
4-Chlorotoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
4-Isopropyltoluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Acetone	ND	0.8	80	ug/Kg		09/17/19	ZZ
Allyl Chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Benzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromochloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromodichloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromoform	ND	0.8	4	ug/Kg		09/17/19	ZZ
Bromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Carbon Tetrachloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chlorobenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chlorodibromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chloroethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chloroform	ND	0.8	4	ug/Kg		09/17/19	ZZ
Chloromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
cis-1,2-Dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
cis-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 09:01	Site:	
Sample #: <u>419425-007</u>	Client Sample #: AOC4-SV10N-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Dichlorodifluoromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Ethylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Hexachlorobutadiene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Isopropylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
m and p-Xylene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Methylene chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Naphthalene	ND	0.8	4	ug/Kg		09/17/19	ZZ
N-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
N-propylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
o-Xylene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Sec-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Styrene	ND	0.8	4	ug/Kg		09/17/19	ZZ
t-Butyl alcohol (TBA)	ND	0.8	8	ug/Kg		09/17/19	ZZ
Tert-amylmethylether (TAME)	ND	0.8	4	ug/Kg		09/17/19	ZZ
Tert-butylbenzene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Tetrachloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Toluene	ND	0.8	4	ug/Kg		09/17/19	ZZ
trans-1,2-dichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
trans-1,3-dichloropropene	ND	0.8	4	ug/Kg		09/17/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Trichloroethene	ND	0.8	4	ug/Kg		09/17/19	ZZ
Trichlorofluoromethane	ND	0.8	4	ug/Kg		09/17/19	ZZ
Vinyl Chloride	ND	0.8	4	ug/Kg		09/17/19	ZZ
Xylenes (Total)	ND	0.8	4	ug/Kg		09/17/19	ZZ

Surrogate	% Recovery	Limits	Notes
1,2-Dichloroethane-d4 (SUR)	108	70-145	
4-Bromofluorobenzene (SUR)	100	70-145	
Dibromofluoromethane (SUR)	101	70-145	
Toluene-d8 (SUR)	97	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 09:03	Site:	
Sample #: <u>419425-008</u>	Client Sample #: AOC4-SV10N-20'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 09:51	Site:	
Sample #: <u>419425-009</u>	Client Sample #: AOC4-SV11E-5'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 09:56	Site:	
Sample #: <u>419425-010</u>	Client Sample #: AOC4-SV11E-10'	Sample Type:

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

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 09:58	Site:	
Sample #: <u>419425-011</u>	Client Sample #: AOC4-SV11E-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
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Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206157	
TPH Gasoline	3.4	0.8	2.4	mg/Kg		09/19/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	130		60-140				

Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1206757	
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	109		50-150				

Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1206766	
1,1,1,2-Tetrachloroethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,1,1-Trichloroethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,1,2,2-Tetrachloroethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichloroethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,1-Dichloropropene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichlorobenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichloropropane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,2,4-Trichlorobenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,2,4-Trimethylbenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,2-Dibromoethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,2-Dichlorobenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,2-Dichloroethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,2-Dichloropropane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,3,5-Trimethylbenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,3-Dichlorobenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,3-Dichloropropane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
1,4-Dichlorobenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
2,2-Dichloropropane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
2-Butanone (MEK)	ND	43.9	4390	ug/Kg		09/18/19	ZZ
2-Chlorotoluene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
4-Chlorotoluene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
4-Isopropyltoluene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Acetone	ND	43.9	4390	ug/Kg		09/18/19	ZZ
Allyl Chloride	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Benzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Bromobenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Bromochloromethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Bromodichloromethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Bromoform	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Bromomethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Carbon Tetrachloride	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Chlorobenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Chlorodibromomethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Chloroethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Chloroform	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Chloromethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
cis-1,2-Dichloroethene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
cis-1,3-dichloropropene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 09:58	Site:	
Sample #: <u>419425-011</u>	Client Sample #: AOC4-SV11E-15'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Dichlorodifluoromethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Ethylbenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Hexachlorobutadiene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Isopropylbenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
m and p-Xylene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Methylene chloride	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Naphthalene	460	43.9	219.5	ug/Kg		09/18/19	ZZ
N-butylbenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
N-propylbenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
o-Xylene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Sec-butylbenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Styrene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
t-Butyl alcohol (TBA)	ND	43.9	439	ug/Kg		09/18/19	ZZ
Tert-amylmethylether (TAME)	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Tert-butylbenzene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Tetrachloroethene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Toluene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
trans-1,2-dichloroethene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
trans-1,3-dichloropropene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Trichloroethene	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Trichlorofluoromethane	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Vinyl Chloride	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
Xylenes (Total)	ND	43.9	219.5	ug/Kg		09/18/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		94	70-145				
4-Bromofluorobenzene (SUR)		102	70-145				
Dibromofluoromethane (SUR)		94	70-145				
Toluene-d8 (SUR)		99	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 10:00	Site:	
Sample #: <u>419425-012</u>	Client Sample #: AOC4-SV11E-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206133				
TPH Gasoline	420	35	105	mg/Kg		09/17/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140				

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206757				
TPH Diesel	30	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	105		50-150				

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206816				
1,1,1,2-Tetrachloroethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,1,1-Trichloroethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,1,2,2-Tetrachloroethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,1,2-Trichloroethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,1-Dichloroethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,1-Dichloroethene	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,1-Dichloropropene	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,2,3-Trichlorobenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,2,3-Trichloropropane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,2,4-Trichlorobenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,2,4-Trimethylbenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,2-Dibromoethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,2-Dichlorobenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,2-Dichloroethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,2-Dichloropropane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,3,5-Trimethylbenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,3-Dichlorobenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,3-Dichloropropane	ND	69.4	347	ug/Kg		09/18/19	ZZ
1,4-Dichlorobenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
2,2-Dichloropropane	ND	69.4	347	ug/Kg		09/18/19	ZZ
2-Butanone (MEK)	ND	69.4	6940	ug/Kg		09/18/19	ZZ
2-Chlorotoluene	ND	69.4	347	ug/Kg		09/18/19	ZZ
4-Chlorotoluene	ND	69.4	347	ug/Kg		09/18/19	ZZ
4-Isopropyltoluene	ND	69.4	347	ug/Kg		09/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	69.4	347	ug/Kg		09/18/19	ZZ
Acetone	ND	69.4	6940	ug/Kg		09/18/19	ZZ
Allyl Chloride	ND	69.4	347	ug/Kg		09/18/19	ZZ
Benzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Bromobenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Bromochloromethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
Bromodichloromethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
Bromoform	ND	69.4	347	ug/Kg		09/18/19	ZZ
Bromomethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
Carbon Tetrachloride	ND	69.4	347	ug/Kg		09/18/19	ZZ
Chlorobenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Chlorodibromomethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
Chloroethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
Chloroform	ND	69.4	347	ug/Kg		09/18/19	ZZ
Chloromethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
cis-1,2-Dichloroethene	ND	69.4	347	ug/Kg		09/18/19	ZZ
cis-1,3-dichloropropene	ND	69.4	347	ug/Kg		09/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	69.4	347	ug/Kg		09/18/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 10:00	Site:	
Sample #: <u>419425-012</u>	Client Sample #: AOC4-SV11E-20'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
Dichlorodifluoromethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	69.4	347	ug/Kg		09/18/19	ZZ
Ethylbenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	69.4	347	ug/Kg		09/18/19	ZZ
Hexachlorobutadiene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Isopropylbenzene	860	69.4	347	ug/Kg		09/18/19	ZZ
m and p-Xylene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Methylene chloride	420	69.4	347	ug/Kg		09/18/19	ZZ C
Methyl-t-butyl Ether (MTBE)	ND	69.4	347	ug/Kg		09/18/19	ZZ
Naphthalene	ND	69.4	347	ug/Kg		09/18/19	ZZ
N-butylbenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
N-propylbenzene	1100	69.4	347	ug/Kg		09/18/19	ZZ
o-Xylene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Sec-butylbenzene	690	69.4	347	ug/Kg		09/18/19	ZZ
Styrene	ND	69.4	347	ug/Kg		09/18/19	ZZ
t-Butyl alcohol (TBA)	ND	69.4	694	ug/Kg		09/18/19	ZZ
Tert-amylmethylether (TAME)	ND	69.4	347	ug/Kg		09/18/19	ZZ
Tert-butylbenzene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Tetrachloroethene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Toluene	ND	69.4	347	ug/Kg		09/18/19	ZZ
trans-1,2-dichloroethene	ND	69.4	347	ug/Kg		09/18/19	ZZ
trans-1,3-dichloropropene	ND	69.4	347	ug/Kg		09/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Trichloroethene	ND	69.4	347	ug/Kg		09/18/19	ZZ
Trichlorofluoromethane	ND	69.4	347	ug/Kg		09/18/19	ZZ
Vinyl Chloride	ND	69.4	347	ug/Kg		09/18/19	ZZ
Xylenes (Total)	ND	69.4	347	ug/Kg		09/18/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		97	70-145				
4-Bromofluorobenzene (SUR)		108	70-145				
Dibromofluoromethane (SUR)		99	70-145				
Toluene-d8 (SUR)		98	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 12:04	Site:	
Sample #: <u>419425-013</u>	Client Sample #: AOC4-B18-S1S-1'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>						QCBatchID: QC1206704	
Prep Method: EPA 3050B							
Lead	19.5	1	1	mg/Kg		09/17/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 12:05	Site:	
Sample #: <u>419425-014</u>	Client Sample #: AOC4-B18-S1S-2.5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>						QCBatchID: QC1206704	
Prep Method: EPA 3050B							
Lead	5.38	1	1	mg/Kg		09/17/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/13/2019 12:07	Site:						
Sample #: <u>419425-015</u>	Client Sample #: AOC4-B18-S1S-5'	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206704	
Lead	3.21	1	1	mg/Kg	09/17/19	SBW	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/13/2019 12:12	Site:						
Sample #: <u>419425-016</u>	Client Sample #: AOC4-B18-S1S-7.5'	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206704	
Lead	7.08	1	1	mg/Kg	09/17/19	SBW	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/13/2019 12:33	Site:						
Sample #: <u>419425-017</u>	Client Sample #: AOC4-B18-S1N-1'	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206704	
Lead	25.2	1	1	mg/Kg	09/17/19	SBW	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/13/2019 12:34	Site:						
Sample #: <u>419425-018</u>	Client Sample #: AOC4-B18-S1N-2.5'	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206704	
Lead	6.32	1	1	mg/Kg	09/17/19	SBW	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/13/2019 12:37	Site:						
Sample #: <u>419425-019</u>	Client Sample #: AOC4-B18-S1N-5'	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206704	
Lead	4.91	1	1	mg/Kg	09/17/19	SBW	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/13/2019 12:40	Site:						
Sample #: <u>419425-020</u>	Client Sample #: AOC4-B18-S1N-7.5'	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206704	
Lead	4.48	1	1	mg/Kg	09/17/19	SBW	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/13/2019 12:17	Site:						
Sample #: <u>419425-021</u>	Client Sample #: AOC4-B18-S1E-1'	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206704	
Lead	12.0	1	1	mg/Kg	09/17/19	SBW	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client					
Sampled: 09/13/2019 12:19	Site:						
Sample #: <u>419425-022</u>	Client Sample #: AOC4-B18-S1E-2.5'	Sample Type:					
Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1206704	
Lead	14.8	1	1	mg/Kg	09/17/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 12:24	Site:	
Sample #: <u>419425-023</u>	Client Sample #: AOC4-B18-S1E-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206704				
Lead	166	1	1	mg/Kg	09/17/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 12:28	Site:	
Sample #: <u>419425-024</u>	Client Sample #: AOC4-B18-S1E-7.5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206704				
Lead	7.65	1	1	mg/Kg	09/17/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 11:47	Site:	
Sample #: <u>419425-025</u>	Client Sample #: AOC4-B18-S1W-1'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206705				
Lead	7.78	1	1	mg/Kg	09/17/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 11:49	Site:	
Sample #: <u>419425-026</u>	Client Sample #: AOC4-B18-S1W-2.5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206705				
Lead	6.84	1	1	mg/Kg	09/17/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 11:52	Site:	
Sample #: <u>419425-027</u>	Client Sample #: AOC4-B18-S1W-5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206705				
Lead	2.67	1	1	mg/Kg	09/17/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019 12:00	Site:	
Sample #: <u>419425-028</u>	Client Sample #: AOC4-B18-S1W-7.5'	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B		QCBatchID: QC1206705				
Lead	6.98	1	1	mg/Kg	09/17/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: 419425-029	Client Sample #: DUP-55	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206157				
TPH Gasoline	ND	0.8	2.4	mg/Kg		09/19/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	95		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206757				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	105		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206816				
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/18/19	ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/18/19	ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Benzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chloroform	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chloromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 09/13/2019

Site:

Sample #: 419425-029

Client Sample #: DUP-55

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/18/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

98

70-145

4-Bromofluorobenzene (SUR)

102

70-145

Dibromofluoromethane (SUR)

97

70-145

Toluene-d8 (SUR)

98

70-145

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: 419425-030	Client Sample #: DUP-56	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206157				
TPH Gasoline	ND	1	3	mg/Kg		09/19/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
4-Bromofluorobenzene (SUR)	100		60-140				
Method: EPA 8015M	Prep Method: EPA 3580A		QCBatchID: QC1206757				
TPH Diesel	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
TPH Motor Oil	ND	1	10	mg/Kg	09/17/19	09/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>	<i>Notes</i>			
Triacotane (SUR)	96		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A		QCBatchID: QC1206766				
1,1,1,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,1-Trichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,2,2-Tetrachloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1-Dichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,1-Dichloropropene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,3-Trichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,4-Trichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2,4-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dibromoethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dichloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,3,5-Trimethylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,3-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,3-Dichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
1,4-Dichlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
2,2-Dichloropropane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
2-Butanone (MEK)	ND	0.7	70	ug/Kg		09/18/19	ZZ
2-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
4-Chlorotoluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
4-Isopropyltoluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Acetone	ND	0.7	70	ug/Kg		09/18/19	ZZ
Allyl Chloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Benzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromochloromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromodichloromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromoform	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Bromomethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Carbon Tetrachloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chlorobenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chlorodibromomethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chloroethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chloroform	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Chloromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
cis-1,2-Dichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
cis-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: <u>419425-030</u>	Client Sample #: DUP-56	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Dichlorodifluoromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Ethylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Hexachlorobutadiene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Isopropylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
m and p-Xylene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Methylene chloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Naphthalene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
N-butylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
N-propylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
o-Xylene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Sec-butylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Styrene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
t-Butyl alcohol (TBA)	ND	0.7	7	ug/Kg		09/18/19	ZZ
Tert-amylmethylether (TAME)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Tert-butylbenzene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Tetrachloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Toluene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
trans-1,2-dichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
trans-1,3-dichloropropene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Trichloroethene	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Trichlorofluoromethane	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Vinyl Chloride	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
Xylenes (Total)	ND	0.7	3.5	ug/Kg		09/18/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		98	70-145				
4-Bromofluorobenzene (SUR)		106	70-145				
Dibromofluoromethane (SUR)		97	70-145				
Toluene-d8 (SUR)		101	70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: <u>419425-031</u>	Client Sample #: DUP-57	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>						QCBatchID: QC1206705	
Prep Method: EPA 3050B							
Lead	5.70	1	1	mg/Kg		09/17/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: <u>419425-032</u>	Client Sample #: DUP-58	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>						QCBatchID: QC1206705	
Prep Method: EPA 3050B							
Lead	2.69	1	1	mg/Kg		09/17/19	SBW

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: <u>419425-033</u>	Client Sample #: EB-091319A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C					QCBatchID: QC1206687	
TPH (C12 to C28)	ND	1	0.2	mg/L	09/16/19	09/17/19	TW
TPH Diesel	ND	1	0.1	mg/L	09/16/19	09/17/19	TW
TPH Motor Oil	ND	1	0.3	mg/L	09/16/19	09/17/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>				<u>Notes</u>
<i>Triacotane (SUR)</i>	55		50-150				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206681	
TPH Gasoline	ND	1	50	ug/L		09/16/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>				<u>Notes</u>
<i>4-Bromofluorobenzene (SUR)</i>	105		60-140				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206676	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/15/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/15/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/15/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/15/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/15/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/15/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/15/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/15/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/15/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/15/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/15/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/15/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/15/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/15/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/15/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/15/19	LZ
Acetone	ND	1	100	ug/L		09/15/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/15/19	LZ
Benzene	ND	1	1	ug/L		09/15/19	LZ
Bromobenzene	ND	1	5	ug/L		09/15/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/15/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/15/19	LZ
Bromoform	ND	1	5	ug/L		09/15/19	LZ
Bromomethane	ND	1	5	ug/L		09/15/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/15/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/15/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/15/19	LZ
Chloroethane	ND	1	5	ug/L		09/15/19	LZ
Chloroform	ND	1	5	ug/L		09/15/19	LZ
Chloromethane	ND	1	5	ug/L		09/15/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/15/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/15/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/13/2019

Site:

Sample #: 419425-033

Client Sample #: EB-091319A

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/15/19	LZ
Dibromomethane	ND	1	5	ug/L		09/15/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/15/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/15/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/15/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/15/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/15/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/15/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/15/19	LZ
Methylene chloride	ND	1	5	ug/L		09/15/19	LZ
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/15/19	LZ
Naphthalene	ND	1	5	ug/L		09/15/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/15/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/15/19	LZ
o-Xylene	ND	1	5	ug/L		09/15/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/15/19	LZ
Styrene	ND	1	5	ug/L		09/15/19	LZ
t-Butyl alcohol (TBA)	24	1	10	ug/L		09/15/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/15/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/15/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/15/19	LZ
Toluene	ND	1	5	ug/L		09/15/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/15/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/15/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/15/19	LZ
Trichloroethene	ND	1	5	ug/L		09/15/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/15/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/15/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/15/19	LZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

95

70-145

4-Bromofluorobenzene (SUR)

101

70-145

Dibromofluoromethane (SUR)

98

70-145

Toluene-d8 (SUR)

102

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: 419425-034	Client Sample #: EB-191319B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C					QCBatchID: QC1206687	
TPH (C12 to C28)	ND	1	0.2	mg/L	09/16/19	09/17/19	TW
TPH Diesel	ND	1	0.1	mg/L	09/16/19	09/17/19	TW
TPH Motor Oil	ND	1	0.3	mg/L	09/16/19	09/17/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>				<u>Notes</u>
<i>Triacontane (SUR)</i>	60		50-150				
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206681	
TPH Gasoline	ND	1	50	ug/L		09/16/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>				<u>Notes</u>
<i>4-Bromofluorobenzene (SUR)</i>	105		60-140				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206676	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/15/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/15/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/15/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/15/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/15/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/15/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/15/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/15/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/15/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/15/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/15/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/15/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/15/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/15/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/15/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/15/19	LZ
Acetone	ND	1	100	ug/L		09/15/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/15/19	LZ
Benzene	ND	1	1	ug/L		09/15/19	LZ
Bromobenzene	ND	1	5	ug/L		09/15/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/15/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/15/19	LZ
Bromoform	ND	1	5	ug/L		09/15/19	LZ
Bromomethane	ND	1	5	ug/L		09/15/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/15/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/15/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/15/19	LZ
Chloroethane	ND	1	5	ug/L		09/15/19	LZ
Chloroform	ND	1	5	ug/L		09/15/19	LZ
Chloromethane	ND	1	5	ug/L		09/15/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/15/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/15/19	LZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/13/2019

Site:

Sample #: 419425-034

Client Sample #: EB-191319B

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/15/19	LZ
Dibromomethane	ND	1	5	ug/L		09/15/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/15/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/15/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/15/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/15/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/15/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/15/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/15/19	LZ
Methylene chloride	ND	1	5	ug/L		09/15/19	LZ
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/15/19	LZ
Naphthalene	ND	1	5	ug/L		09/15/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/15/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/15/19	LZ
o-Xylene	ND	1	5	ug/L		09/15/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/15/19	LZ
Styrene	ND	1	5	ug/L		09/15/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/15/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/15/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/15/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/15/19	LZ
Toluene	ND	1	5	ug/L		09/15/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/15/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/15/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/15/19	LZ
Trichloroethene	ND	1	5	ug/L		09/15/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/15/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/15/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/15/19	LZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

97

70-145

4-Bromofluorobenzene (SUR)

104

70-145

Dibromofluoromethane (SUR)

96

70-145

Toluene-d8 (SUR)

102

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: <u>419425-035</u>	Client Sample #: Trip Blank A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206676	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/15/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/15/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/15/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/15/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/15/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/15/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/15/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/15/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/15/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/15/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/15/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/15/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/15/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/15/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/15/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/15/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/15/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/15/19	LZ
Acetone	ND	1	100	ug/L		09/15/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/15/19	LZ
Benzene	ND	1	1	ug/L		09/15/19	LZ
Bromobenzene	ND	1	5	ug/L		09/15/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/15/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/15/19	LZ
Bromoform	ND	1	5	ug/L		09/15/19	LZ
Bromomethane	ND	1	5	ug/L		09/15/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/15/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/15/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/15/19	LZ
Chloroethane	ND	1	5	ug/L		09/15/19	LZ
Chloroform	ND	1	5	ug/L		09/15/19	LZ
Chloromethane	ND	1	5	ug/L		09/15/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/15/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/15/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/15/19	LZ
Dibromomethane	ND	1	5	ug/L		09/15/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/15/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/15/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/15/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/15/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/15/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/15/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/15/19	LZ
Methylene chloride	ND	1	5	ug/L		09/15/19	LZ
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/15/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: <u>419425-035</u>	Client Sample #: Trip Blank A	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	5	ug/L		09/15/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/15/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/15/19	LZ
o-Xylene	ND	1	5	ug/L		09/15/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/15/19	LZ
Styrene	ND	1	5	ug/L		09/15/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/15/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/15/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/15/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/15/19	LZ
Toluene	ND	1	5	ug/L		09/15/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/15/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/15/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/15/19	LZ
Trichloroethene	ND	1	5	ug/L		09/15/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/15/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/15/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/15/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		100	70-145				
4-Bromofluorobenzene (SUR)		103	70-145				
Dibromofluoromethane (SUR)		99	70-145				
Toluene-d8 (SUR)		102	70-145				

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 09/13/2019

Site:

Sample #: 419425-036

Client Sample #: Trip Blank B

Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B					QCBatchID: QC1206712	
1,1,1,2-Tetrachloroethane	ND	1	5	ug/L		09/17/19	LZ
1,1,1-Trichloroethane	ND	1	5	ug/L		09/17/19	LZ
1,1,2,2-Tetrachloroethane	ND	1	5	ug/L		09/17/19	LZ
1,1,2-Trichloroethane	ND	1	5	ug/L		09/17/19	LZ
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/L		09/17/19	LZ
1,1-Dichloroethane	ND	1	5	ug/L		09/17/19	LZ
1,1-Dichloroethene	ND	1	5	ug/L		09/17/19	LZ
1,1-Dichloropropene	ND	1	5	ug/L		09/17/19	LZ
1,2,3-Trichlorobenzene	ND	1	5	ug/L		09/17/19	LZ
1,2,3-Trichloropropane	ND	1	5	ug/L		09/17/19	LZ
1,2,4-Trichlorobenzene	ND	1	5	ug/L		09/17/19	LZ
1,2,4-Trimethylbenzene	ND	1	5	ug/L		09/17/19	LZ
1,2-Dibromo-3-chloropropane	ND	1	5	ug/L		09/17/19	LZ
1,2-Dibromoethane	ND	1	5	ug/L		09/17/19	LZ
1,2-Dichlorobenzene	ND	1	5	ug/L		09/17/19	LZ
1,2-Dichloroethane	ND	1	5	ug/L		09/17/19	LZ
1,2-Dichloropropane	ND	1	5	ug/L		09/17/19	LZ
1,3,5-Trimethylbenzene	ND	1	5	ug/L		09/17/19	LZ
1,3-Dichlorobenzene	ND	1	5	ug/L		09/17/19	LZ
1,3-Dichloropropane	ND	1	5	ug/L		09/17/19	LZ
1,4-Dichlorobenzene	ND	1	5	ug/L		09/17/19	LZ
2,2-Dichloropropane	ND	1	5	ug/L		09/17/19	LZ
2-Butanone (MEK)	ND	1	100	ug/L		09/17/19	LZ
2-Chlorotoluene	ND	1	5	ug/L		09/17/19	LZ
4-Chlorotoluene	ND	1	5	ug/L		09/17/19	LZ
4-Isopropyltoluene	ND	1	5	ug/L		09/17/19	LZ
4-Methyl-2-pentanone (MIBK)	ND	1	5	ug/L		09/17/19	LZ
Acetone	ND	1	100	ug/L		09/17/19	LZ
Allyl Chloride	ND	1	5	ug/L		09/17/19	LZ
Benzene	ND	1	1	ug/L		09/17/19	LZ
Bromobenzene	ND	1	5	ug/L		09/17/19	LZ
Bromochloromethane	ND	1	5	ug/L		09/17/19	LZ
Bromodichloromethane	ND	1	5	ug/L		09/17/19	LZ
Bromoform	ND	1	5	ug/L		09/17/19	LZ
Bromomethane	ND	1	5	ug/L		09/17/19	LZ
Carbon Tetrachloride	ND	1	5	ug/L		09/17/19	LZ
Chlorobenzene	ND	1	5	ug/L		09/17/19	LZ
Chlorodibromomethane	ND	1	5	ug/L		09/17/19	LZ
Chloroethane	ND	1	5	ug/L		09/17/19	LZ
Chloroform	ND	1	5	ug/L		09/17/19	LZ
Chloromethane	ND	1	5	ug/L		09/17/19	LZ
cis-1,2-Dichloroethene	ND	1	5	ug/L		09/17/19	LZ
cis-1,3-dichloropropene	ND	1	5	ug/L		09/17/19	LZ
cis-1,4-dichloro-2-butene	ND	1	5	ug/L		09/17/19	LZ
Dibromomethane	ND	1	5	ug/L		09/17/19	LZ
Dichlorodifluoromethane	ND	1	5	ug/L		09/17/19	LZ
Di-isopropyl ether (DIPE)	ND	1	1	ug/L		09/17/19	LZ
Ethylbenzene	ND	1	5	ug/L		09/17/19	LZ
Ethyl-tertbutylether (ETBE)	ND	1	1	ug/L		09/17/19	LZ
Hexachlorobutadiene	ND	1	5	ug/L		09/17/19	LZ
Isopropylbenzene	ND	1	5	ug/L		09/17/19	LZ
m and p-Xylene	ND	1	5	ug/L		09/17/19	LZ
Methylene chloride	ND	1	5	ug/L		09/17/19	LZ
Methyl-t-butyl Ether (MTBE)	ND	1	1	ug/L		09/17/19	LZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 09/13/2019	Site:	
Sample #: <u>419425-036</u>	Client Sample #: Trip Blank B	Sample Type:

Analyte	Result	DF	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	5	ug/L		09/17/19	LZ
N-butylbenzene	ND	1	5	ug/L		09/17/19	LZ
N-propylbenzene	ND	1	5	ug/L		09/17/19	LZ
o-Xylene	ND	1	5	ug/L		09/17/19	LZ
Sec-butylbenzene	ND	1	5	ug/L		09/17/19	LZ
Styrene	ND	1	5	ug/L		09/17/19	LZ
t-Butyl alcohol (TBA)	ND	1	10	ug/L		09/17/19	LZ
Tert-amylmethylether (TAME)	ND	1	5	ug/L		09/17/19	LZ
Tert-butylbenzene	ND	1	5	ug/L		09/17/19	LZ
Tetrachloroethene	ND	1	5	ug/L		09/17/19	LZ
Toluene	ND	1	5	ug/L		09/17/19	LZ
trans-1,2-dichloroethene	ND	1	5	ug/L		09/17/19	LZ
trans-1,3-dichloropropene	ND	1	5	ug/L		09/17/19	LZ
trans-1,4-dichloro-2-butene	ND	1	5	ug/L		09/17/19	LZ
Trichloroethene	ND	1	5	ug/L		09/17/19	LZ
Trichlorofluoromethane	ND	1	5	ug/L		09/17/19	LZ
Vinyl Chloride	ND	1	5	ug/L		09/17/19	LZ
Xylenes (Total)	ND	1	5	ug/L		09/17/19	LZ
<u>Surrogate</u>		<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>			
1,2-Dichloroethane-d4 (SUR)		92	70-145				
4-Bromofluorobenzene (SUR)		115	70-145				
Dibromofluoromethane (SUR)		102	70-145				
Toluene-d8 (SUR)		101	70-145				

QCBatchID: <u>QC1206133</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/17/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206133MB1				
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206133LCS1											
TPH Gasoline	5		5.2		mg/Kg	104			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206133MS1, QC1206133MSD1												
TPH Gasoline	ND	5	5	4.7	4.6	mg/Kg	94	92	2.2	70-130	20	

QCBatchID: <u>QC1206157</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 09/19/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206157MB1				
TPH (C5 to C12)	ND	mg/Kg	3	
TPH Gasoline	ND	mg/Kg	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206157LCS1											
TPH Gasoline	5		5.8		mg/Kg	116			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206157MS1, QC1206157MSD1 Source: 419468-001												
TPH Gasoline	ND	5	5	5.1	4.7	mg/Kg	102	94	8.2	70-130	20	

QCBatchID: **QC1206676**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 09/14/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206676MB1				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	
1,1,1-Trichloroethane	ND	ug/L	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	
1,1,2-Trichloroethane	ND	ug/L	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	
1,1-Dichloroethane	ND	ug/L	5	
1,1-Dichloroethene	ND	ug/L	5	
1,1-Dichloropropene	ND	ug/L	5	
1,2,3-Trichlorobenzene	ND	ug/L	5	
1,2,3-Trichloropropane	ND	ug/L	5	
1,2,4-Trichlorobenzene	ND	ug/L	5	
1,2,4-Trimethylbenzene	ND	ug/L	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	5	
1,2-Dibromoethane	ND	ug/L	5	
1,2-Dichlorobenzene	ND	ug/L	5	
1,2-Dichloroethane	ND	ug/L	5	
1,2-Dichloropropane	ND	ug/L	5	
1,3,5-Trimethylbenzene	ND	ug/L	5	
1,3-Dichlorobenzene	ND	ug/L	5	
1,3-Dichloropropane	ND	ug/L	5	
1,4-Dichlorobenzene	ND	ug/L	5	
2,2-Dichloropropane	ND	ug/L	5	
2-Butanone (MEK)	ND	ug/L	100	
2-Chlorotoluene	ND	ug/L	5	
4-Chlorotoluene	ND	ug/L	5	
4-Isopropyltoluene	ND	ug/L	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	
Acetone	ND	ug/L	100	
Allyl Chloride	ND	ug/L	5	
Benzene	ND	ug/L	1	
Bromobenzene	ND	ug/L	5	
Bromochloromethane	ND	ug/L	5	
Bromodichloromethane	ND	ug/L	5	
Bromoform	ND	ug/L	5	
Bromomethane	ND	ug/L	5	
Carbon Tetrachloride	ND	ug/L	5	
Chlorobenzene	ND	ug/L	5	
Chlorodibromomethane	ND	ug/L	5	
Chloroethane	ND	ug/L	5	
Chloroform	ND	ug/L	5	
Chloromethane	ND	ug/L	5	
cis-1,2-Dichloroethene	ND	ug/L	5	
cis-1,3-dichloropropene	ND	ug/L	5	
cis-1,4-dichloro-2-butene	ND	ug/L	5	
Dibromomethane	ND	ug/L	5	
Dichlorodifluoromethane	ND	ug/L	5	
Di-isopropyl ether (DIPE)	ND	ug/L	1	
Ethanol	ND	ug/L	500	
Ethylbenzene	ND	ug/L	5	
Ethyl-tertbutylether (ETBE)	ND	ug/L	1	
Hexachlorobutadiene	ND	ug/L	5	
Isopropylbenzene	ND	ug/L	5	

QCBatchID: QC1206676	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 09/14/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206676MB1				
m and p-Xylene	ND	ug/L	5	
Methylene chloride	ND	ug/L	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/L	1	
Naphthalene	ND	ug/L	5	
N-butylbenzene	ND	ug/L	5	
N-propylbenzene	ND	ug/L	5	
o-Xylene	ND	ug/L	5	
Sec-butylbenzene	ND	ug/L	5	
Styrene	ND	ug/L	5	
t-Butyl alcohol (TBA)	ND	ug/L	10	
Tert-amylmethylether (TAME)	ND	ug/L	5	
Tert-butylbenzene	ND	ug/L	5	
Tetrachloroethene	ND	ug/L	5	
Toluene	ND	ug/L	5	
trans-1,2-dichloroethene	ND	ug/L	5	
trans-1,3-dichloropropene	ND	ug/L	5	
trans-1,4-dichloro-2-butene	ND	ug/L	5	
Trichloroethene	ND	ug/L	5	
Trichlorofluoromethane	ND	ug/L	5	
Vinyl Chloride	ND	ug/L	5	
Xylenes (Total)	ND	ug/L	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206676LCS1											
1,1-Dichloroethene	50		69		ug/L	138			59-172		
Benzene	50		66		ug/L	132			62-137		
Chlorobenzene	50		63		ug/L	126			60-133		
Methyl-t-butyl Ether (MTBE)	50		59		ug/L	118			62-137		
Toluene	50		63		ug/L	126			59-139		
Trichloroethene	50		64		ug/L	128			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206676MS1, QC1206676MSD1												
Source: 419352-011												
1,1-Dichloroethene	ND	50	50	62	61	ug/L	124	122	1.6	59-172	22	
Benzene	45	50	50	100	96	ug/L	110	102	4.1	62-137	24	
Chlorobenzene	ND	50	50	56	55	ug/L	112	110	1.8	60-133	24	
Methyl-t-butyl Ether (MTBE)	2.2	50	50	52	50	ug/L	100	96	3.9	62-137	21	
Toluene	2.4	50	50	60	58	ug/L	115	111	3.4	59-139	21	
Trichloroethene	ND	50	50	59	55	ug/L	118	110	7.0	66-142	21	

QC BatchID: QC1206681	Analyst: sandyw	Method: EPA 8015B
Matrix: Water	Analyzed: 09/16/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206681MB1				
TPH (C6 to C10)	ND	ug/L	50	
TPH Gasoline	ND	ug/L	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206681LCS1											
TPH Gasoline	500		510		ug/L	102			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206681MS1, QC1206681MSD1												
TPH Gasoline	66	500	500	540	550	ug/L	95	97	1.8	70-130	30	

QCBatchID: **QC1206685**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/16/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206685MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206685	Analyst: nicollez	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/16/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206685MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206685LCS1											
1,1-Dichloroethene	50		57		ug/Kg	114			59-172		
Benzene	50		56		ug/Kg	112			62-137		
Chlorobenzene	50		52		ug/Kg	104			60-133		
Methyl-t-butyl Ether (MTBE)	50		48		ug/Kg	96			62-137		
Toluene	50		55		ug/Kg	110			59-139		
Trichloroethene	50		56		ug/Kg	112			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206685MS1, QC1206685MSD1												
Source: 419376-005												
1,1-Dichloroethene	ND	50	50	55	53	ug/Kg	110	106	3.7	59-172	22	
Benzene	ND	50	50	53	52	ug/Kg	106	104	1.9	62-137	24	
Chlorobenzene	ND	50	50	48	47	ug/Kg	96	94	2.1	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	50	49	ug/Kg	100	98	2.0	62-137	21	
Toluene	ND	50	50	50	50	ug/Kg	100	100	0.0	59-139	21	
Trichloroethene	ND	50	50	52	52	ug/Kg	104	104	0.0	66-142	21	

QCBatchID: <u>QC1206687</u>	Analyst: Jarriaga	Method: EPA 8015B
Matrix: Water	Analyzed: 09/17/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206687MB1				
TPH (C12 to C28)	ND	mg/L	0.2	
TPH Diesel	ND	mg/L	0.1	
TPH Motor Oil	ND	mg/L	0.3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206687LCS1, QC1206687LCSD1											
TPH Diesel	1	1	0.72	0.77	mg/L	72	77	7	34112-99.0	20	

QCBatchID: QC1206704	Analyst: kedy	Method: EPA 6010B
Matrix: Solid	Analyzed: 09/16/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206704MB1				
Antimony	ND	mg/Kg	3	
Arsenic	ND	mg/Kg	1	
Barium	ND	mg/Kg	1	
Beryllium	ND	mg/Kg	0.5	
Cadmium	ND	mg/Kg	0.5	
Chromium	ND	mg/Kg	1	
Cobalt	ND	mg/Kg	0.5	
Copper	ND	mg/Kg	1	
Lead	ND	mg/Kg	1	
Molybdenum	ND	mg/Kg	1	
Nickel	ND	mg/Kg	1.5	
Selenium	ND	mg/Kg	3	
Silicon, as Silica	ND	mg/Kg	107	
Silver	ND	mg/Kg	0.5	
Thallium	ND	mg/Kg	3	
Vanadium	ND	mg/Kg	0.5	
Zinc	ND	mg/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes	
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD		
QC1206704LCS1												
Antimony	100		97.4		mg/Kg	97			80-120			
Arsenic	100		91.5		mg/Kg	92			80-120			
Barium	100		93.4		mg/Kg	93			80-120			
Beryllium	100		88.1		mg/Kg	88			80-120			
Cadmium	100		95.2		mg/Kg	95			80-120			
Chromium	100		98.8		mg/Kg	99			80-120			
Cobalt	100		94.8		mg/Kg	95			80-120			
Copper	100		94.0		mg/Kg	94			80-120			
Lead	100		93.6		mg/Kg	94			80-120			
Molybdenum	100		98.9		mg/Kg	99			80-120			
Nickel	100		93.0		mg/Kg	93			80-120			
Selenium	100		91.8		mg/Kg	92			80-120			
Silver	100		96.3		mg/Kg	96			80-120			
Thallium	100		92.8		mg/Kg	93			80-120			
Vanadium	100		97.8		mg/Kg	98			80-120			
Zinc	100		94.4		mg/Kg	94			80-120			

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206704MS1, QC1206704MSD1												
Antimony	ND	100	100	51.2	49.4	mg/Kg	51	49	3.6	75-125	20	M
Arsenic	4.18	100	100	98.1	99.5	mg/Kg	94	95	1.4	75-125	20	
Barium	384	100	100	691	1350	mg/Kg	307	966	64.6	75-125	20	M
Beryllium	ND	100	100	88.2	88.4	mg/Kg	88	88	0.2	75-125	20	
Cadmium	0.66	100	100	87.8	89.8	mg/Kg	87	89	2.3	75-125	20	
Chromium	19.1	100	100	110	112	mg/Kg	91	93	1.8	75-125	20	
Cobalt	6.04	100	100	95.8	98.3	mg/Kg	90	92	2.6	75-125	20	
Copper	10.2	100	100	99.4	103	mg/Kg	89	93	3.6	75-125	20	
Lead	4.21	100	100	92.3	99.4	mg/Kg	88	95	7.4	75-125	20	

QCBatchID: QC1206704**Analyst: kedy****Method: EPA 6010B****Matrix: Solid****Analyzed: 09/16/2019****Instrument: AAICP (group)**

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206704MS1, QC1206704MSD1											Source: 418433-001	
Molybdenum	1.42	100	100	94.9	97.3	mg/Kg	93	96	2.5	75-125	20	
Nickel	10.9	100	100	92.6	96.6	mg/Kg	82	86	4.2	75-125	20	
Selenium	ND	100	100	89.4	91.8	mg/Kg	89	92	2.6	75-125	20	
Silver	ND	100	100	94.0	92.7	mg/Kg	94	93	1.4	75-125	20	
Thallium	2.54	100	100	84.2	88.9	mg/Kg	82	86	5.4	75-125	20	
Vanadium	32.5	100	100	128	132	mg/Kg	96	100	3.1	75-125	20	
Zinc	29.5	100	100	111	117	mg/Kg	82	88	5.3	75-125	20	

QCBatchID: QC1206705	Analyst: kedy	Method: EPA 6010B
Matrix: Solid	Analyzed: 09/16/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206705MB1				
Antimony	ND	mg/Kg	3	
Arsenic	ND	mg/Kg	1	
Barium	ND	mg/Kg	1	
Beryllium	ND	mg/Kg	0.5	
Cadmium	ND	mg/Kg	0.5	
Chromium	ND	mg/Kg	1	
Cobalt	ND	mg/Kg	0.5	
Copper	ND	mg/Kg	1	
Lead	ND	mg/Kg	1	
Molybdenum	ND	mg/Kg	1	
Nickel	ND	mg/Kg	1.5	
Selenium	ND	mg/Kg	3	
Silver	ND	mg/Kg	0.5	
Thallium	ND	mg/Kg	3	
Vanadium	ND	mg/Kg	0.5	
Zinc	ND	mg/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206705LCS1											
Antimony	100		102		mg/Kg	102			80-120		
Arsenic	100		95.4		mg/Kg	95			80-120		
Barium	100		95.1		mg/Kg	95			80-120		
Beryllium	100		92.2		mg/Kg	92			80-120		
Cadmium	100		98.2		mg/Kg	98			80-120		
Chromium	100		101		mg/Kg	101			80-120		
Cobalt	100		95.8		mg/Kg	96			80-120		
Copper	100		96.9		mg/Kg	97			80-120		
Lead	100		97.7		mg/Kg	98			80-120		
Molybdenum	100		104		mg/Kg	104			80-120		
Nickel	100		97.6		mg/Kg	98			80-120		
Selenium	100		95.9		mg/Kg	96			80-120		
Silver	100		101		mg/Kg	101			80-120		
Thallium	100		96.3		mg/Kg	96			80-120		
Vanadium	100		100		mg/Kg	100			80-120		
Zinc	100		98.6		mg/Kg	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206705MS1, QC1206705MSD1												Source: 419425-025
Antimony	ND	100	100	32.1	27.9	mg/Kg	32	28	14.0	75-125	20	M
Arsenic	37.2	100	100	130	140	mg/Kg	93	103	7.4	75-125	20	
Barium	127	100	100	212	241	mg/Kg	85	114	12.8	75-125	20	
Beryllium	ND	100	100	92.9	94.7	mg/Kg	93	95	1.9	75-125	20	
Cadmium	0.71	100	100	92.8	100	mg/Kg	92	99	7.5	75-125	20	
Chromium	19.1	100	100	114	124	mg/Kg	95	105	8.4	75-125	20	
Cobalt	11.6	100	100	105	115	mg/Kg	93	103	9.1	75-125	20	
Copper	16.7	100	100	111	120	mg/Kg	94	103	7.8	75-125	20	
Lead	7.78	100	100	102	109	mg/Kg	94	101	6.6	75-125	20	
Molybdenum	0.60	100	100	95.0	106	mg/Kg	94	105	10.9	75-125	20	

QCBatchID: QC1206705**Analyst:** kedy**Method:** EPA 6010B**Matrix:** Solid**Analyzed:** 09/16/2019**Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206705MS1, QC1206705MSD1											Source: 419425-025	
Nickel	11.4	100	100	97.2	106	mg/Kg	86	95	8.7	75-125	20	
Selenium	ND	100	100	92.1	102	mg/Kg	92	102	10.2	75-125	20	
Silver	ND	100	100	94.9	93.4	mg/Kg	95	93	1.6	75-125	20	
Thallium	1.58	100	100	88.6	99.0	mg/Kg	87	97	11.1	75-125	20	
Vanadium	39.6	100	100	138	147	mg/Kg	98	107	6.3	75-125	20	
Zinc	50.2	100	100	135	146	mg/Kg	85	96	7.8	75-125	20	

QCBatchID: **QC1206712**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 09/16/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206712MB1				
1,1,1,2-Tetrachloroethane	ND	ug/L	5	
1,1,1-Trichloroethane	ND	ug/L	5	
1,1,2,2-Tetrachloroethane	ND	ug/L	5	
1,1,2-Trichloroethane	ND	ug/L	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	5	
1,1-Dichloroethane	ND	ug/L	5	
1,1-Dichloroethene	ND	ug/L	5	
1,1-Dichloropropene	ND	ug/L	5	
1,2,3-Trichlorobenzene	ND	ug/L	5	
1,2,3-Trichloropropane	ND	ug/L	5	
1,2,4-Trichlorobenzene	ND	ug/L	5	
1,2,4-Trimethylbenzene	ND	ug/L	5	
1,2-Dibromo-3-chloropropane	ND	ug/L	5	
1,2-Dibromoethane	ND	ug/L	5	
1,2-Dichlorobenzene	ND	ug/L	5	
1,2-Dichloroethane	ND	ug/L	5	
1,2-Dichloropropane	ND	ug/L	5	
1,3,5-Trimethylbenzene	ND	ug/L	5	
1,3-Dichlorobenzene	ND	ug/L	5	
1,3-Dichloropropane	ND	ug/L	5	
1,4-Dichlorobenzene	ND	ug/L	5	
2,2-Dichloropropane	ND	ug/L	5	
2-Butanone (MEK)	ND	ug/L	100	
2-Chlorotoluene	ND	ug/L	5	
4-Chlorotoluene	ND	ug/L	5	
4-Isopropyltoluene	ND	ug/L	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5	
Acetone	ND	ug/L	100	
Allyl Chloride	ND	ug/L	5	
Benzene	ND	ug/L	1	
Bromobenzene	ND	ug/L	5	
Bromochloromethane	ND	ug/L	5	
Bromodichloromethane	ND	ug/L	5	
Bromoform	ND	ug/L	5	
Bromomethane	ND	ug/L	5	
Carbon Tetrachloride	ND	ug/L	5	
Chlorobenzene	ND	ug/L	5	
Chlorodibromomethane	ND	ug/L	5	
Chloroethane	ND	ug/L	5	
Chloroform	ND	ug/L	5	
Chloromethane	ND	ug/L	5	
cis-1,2-Dichloroethene	ND	ug/L	5	
cis-1,3-dichloropropene	ND	ug/L	5	
cis-1,4-dichloro-2-butene	ND	ug/L	5	
Dibromomethane	ND	ug/L	5	
Dichlorodifluoromethane	ND	ug/L	5	
Di-isopropyl ether (DIPE)	ND	ug/L	1	
Ethylbenzene	ND	ug/L	5	
Ethyl-terbutylether (ETBE)	ND	ug/L	1	
Hexachlorobutadiene	ND	ug/L	5	
Isopropylbenzene	ND	ug/L	5	
m and p-Xylene	ND	ug/L	5	

QCBatchID: QC1206712	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 09/16/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206712MB1				
Methylene chloride	10	ug/L	5	B
Methyl-t-butyl Ether (MTBE)	ND	ug/L	1	
Naphthalene	ND	ug/L	5	
N-butylbenzene	ND	ug/L	5	
N-propylbenzene	ND	ug/L	5	
o-Xylene	ND	ug/L	5	
Sec-butylbenzene	ND	ug/L	5	
Styrene	ND	ug/L	5	
t-Butyl alcohol (TBA)	ND	ug/L	10	
Tert-amylmethylether (TAME)	ND	ug/L	5	
Tert-butylbenzene	ND	ug/L	5	
Tetrachloroethene	ND	ug/L	5	
Toluene	ND	ug/L	5	
trans-1,2-dichloroethene	ND	ug/L	5	
trans-1,3-dichloropropene	ND	ug/L	5	
trans-1,4-dichloro-2-butene	ND	ug/L	5	
Trichloroethene	ND	ug/L	5	
Trichlorofluoromethane	ND	ug/L	5	
Vinyl Chloride	ND	ug/L	5	
Xylenes (Total)	ND	ug/L	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206712LCS1											
1,1-Dichloroethene	50		54		ug/L	108			59-172		
Benzene	50		56		ug/L	112			62-137		
Chlorobenzene	50		53		ug/L	106			60-133		
Methyl-t-butyl Ether (MTBE)	50		52		ug/L	104			62-137		
Toluene	50		54		ug/L	108			59-139		
Trichloroethene	50		54		ug/L	108			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206712MS1, QC1206712MSD1 Source: 419433-003												
1,1-Dichloroethene	ND	50	50	58	58	ug/L	116	116	0.0	59-172	22	
Benzene	ND	50	50	58	58	ug/L	116	116	0.0	62-137	24	
Chlorobenzene	ND	50	50	54	54	ug/L	108	108	0.0	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	53	54	ug/L	106	108	1.9	62-137	21	
Toluene	ND	50	50	57	56	ug/L	114	112	1.8	59-139	21	
Trichloroethene	ND	50	50	57	56	ug/L	114	112	1.8	66-142	21	

QCBatchID: **QC1206716**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/17/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206716MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206716	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/17/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206716MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206716LCS1											
1,1-Dichloroethene	50		55		ug/Kg	110			59-172		
Benzene	50		54		ug/Kg	108			62-137		
Chlorobenzene	50		53		ug/Kg	106			60-133		
Methyl-t-butyl Ether (MTBE)	50		47		ug/Kg	94			62-137		
Toluene	50		53		ug/Kg	106			59-139		
Trichloroethene	50		55		ug/Kg	110			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206716MS1, QC1206716MSD1												
Source: 419447-001												
1,1-Dichloroethene	ND	50	50	54	56	ug/Kg	108	112	3.6	59-172	22	
Benzene	ND	50	50	51	52	ug/Kg	102	104	1.9	62-137	24	
Chlorobenzene	ND	50	50	47	49	ug/Kg	94	98	4.2	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	49	46	ug/Kg	98	92	6.3	62-137	21	
Toluene	ND	50	50	49	50	ug/Kg	98	100	2.0	59-139	21	
Trichloroethene	ND	50	50	52	55	ug/Kg	104	110	5.6	66-142	21	

QCBatchID: QC1206757	Analyst: Jarriaga	Method: EPA 8015M
Matrix: Solid	Analyzed: 09/20/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206757MB1				
TPH (C10 to C28)	ND	mg/Kg	10	
TPH (C13 to C23)	ND	mg/Kg	10	
TPH (C24 to C36)	ND	mg/Kg	20	
TPH (C28 to C40)	ND	mg/Kg	20	
TPH (C6 to C12)	ND	mg/Kg	10	
TPH (C8 to C10)	ND	mg/Kg	10	
TPH Diesel	ND	mg/Kg	10	
TPH Gasoline	ND	mg/Kg	10	
TPH Motor Oil	ND	mg/Kg	20	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206757LCS1											
TPH (C10 to C28)	250		240		mg/Kg	96			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206757MS1, QC1206757MSD1												
TPH (C10 to C28)	68	250	250	240	250	mg/Kg	69	73	4.1	70-130	20	M

Source: 419389-023

QCBatchID: **QC1206766**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/17/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206766MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206766	Analyst: nicollez	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/17/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206766MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206766LCS1											
1,1-Dichloroethene	50		62		ug/Kg	124			59-172		
Benzene	50		58		ug/Kg	116			62-137		
Chlorobenzene	50		59		ug/Kg	118			60-133		
Methyl-t-butyl Ether (MTBE)	50		48		ug/Kg	96			62-137		
Toluene	50		60		ug/Kg	120			59-139		
Trichloroethene	50		62		ug/Kg	124			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206766MS1, QC1206766MSD1												
Source: 419389-024												
1,1-Dichloroethene	ND	50	50	51	53	ug/Kg	102	106	3.8	59-172	22	
Benzene	ND	50	50	50	50	ug/Kg	100	100	0.0	62-137	24	
Chlorobenzene	ND	50	50	48	48	ug/Kg	96	96	0.0	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	48	49	ug/Kg	96	98	2.1	62-137	21	
Toluene	ND	50	50	48	49	ug/Kg	96	98	2.1	59-139	21	
Trichloroethene	ND	50	50	53	57	ug/Kg	106	114	7.3	66-142	21	

QCBatchID: **QC1206816**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 09/18/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	RDL	Notes
QC1206816MB1				
1,1,1,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,1-Trichloroethane	ND	ug/Kg	5	
1,1,2,2-Tetrachloroethane	ND	ug/Kg	5	
1,1,2-Trichloroethane	ND	ug/Kg	5	
1,1,2-Trichlorotrifluoroethane	ND	ug/Kg	5	
1,1-Dichloroethane	ND	ug/Kg	5	
1,1-Dichloroethene	ND	ug/Kg	5	
1,1-Dichloropropene	ND	ug/Kg	5	
1,2,3-Trichlorobenzene	ND	ug/Kg	5	
1,2,3-Trichloropropane	ND	ug/Kg	5	
1,2,4-Trichlorobenzene	ND	ug/Kg	5	
1,2,4-Trimethylbenzene	ND	ug/Kg	5	
1,2-Dibromo-3-chloropropane	ND	ug/Kg	5	
1,2-Dibromoethane	ND	ug/Kg	5	
1,2-Dichlorobenzene	ND	ug/Kg	5	
1,2-Dichloroethane	ND	ug/Kg	5	
1,2-Dichloropropane	ND	ug/Kg	5	
1,3,5-Trimethylbenzene	ND	ug/Kg	5	
1,3-Dichlorobenzene	ND	ug/Kg	5	
1,3-Dichloropropane	ND	ug/Kg	5	
1,4-Dichlorobenzene	ND	ug/Kg	5	
2,2-Dichloropropane	ND	ug/Kg	5	
2-Butanone (MEK)	ND	ug/Kg	100	
2-Chlorotoluene	ND	ug/Kg	5	
4-Chlorotoluene	ND	ug/Kg	5	
4-Isopropyltoluene	ND	ug/Kg	5	
4-Methyl-2-pentanone (MIBK)	ND	ug/Kg	5	
Acetone	ND	ug/Kg	100	
Allyl Chloride	ND	ug/Kg	5	
Benzene	ND	ug/Kg	5	
Bromobenzene	ND	ug/Kg	5	
Bromochloromethane	ND	ug/Kg	5	
Bromodichloromethane	ND	ug/Kg	5	
Bromoform	ND	ug/Kg	5	
Bromomethane	ND	ug/Kg	5	
Carbon Tetrachloride	ND	ug/Kg	5	
Chlorobenzene	ND	ug/Kg	5	
Chlorodibromomethane	ND	ug/Kg	5	
Chloroethane	ND	ug/Kg	5	
Chloroform	ND	ug/Kg	5	
Chloromethane	ND	ug/Kg	5	
cis-1,2-Dichloroethene	ND	ug/Kg	5	
cis-1,3-dichloropropene	ND	ug/Kg	5	
cis-1,4-dichloro-2-butene	ND	ug/Kg	5	
Dibromomethane	ND	ug/Kg	5	
Dichlorodifluoromethane	ND	ug/Kg	5	
Di-isopropyl ether (DIPE)	ND	ug/Kg	5	
Ethylbenzene	ND	ug/Kg	5	
Ethyl-tertbutylether (ETBE)	ND	ug/Kg	5	
Hexachlorobutadiene	ND	ug/Kg	5	
Isopropylbenzene	ND	ug/Kg	5	
m and p-Xylene	ND	ug/Kg	5	

QCBatchID: QC1206816	Analyst: nicollez	Method: EPA 8260B
Matrix: Solid	Analyzed: 09/18/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	RDL	Notes
QC1206816MB1				
Methylene chloride	ND	ug/Kg	5	
Methyl-t-butyl Ether (MTBE)	ND	ug/Kg	5	
Naphthalene	ND	ug/Kg	5	
N-butylbenzene	ND	ug/Kg	5	
N-propylbenzene	ND	ug/Kg	5	
o-Xylene	ND	ug/Kg	5	
Sec-butylbenzene	ND	ug/Kg	5	
Styrene	ND	ug/Kg	5	
t-Butyl alcohol (TBA)	ND	ug/Kg	10	
Tert-amylmethylether (TAME)	ND	ug/Kg	5	
Tert-butylbenzene	ND	ug/Kg	5	
Tetrachloroethene	ND	ug/Kg	5	
Toluene	ND	ug/Kg	5	
trans-1,2-dichloroethene	ND	ug/Kg	5	
trans-1,3-dichloropropene	ND	ug/Kg	5	
trans-1,4-dichloro-2-butene	ND	ug/Kg	5	
Trichloroethene	ND	ug/Kg	5	
Trichlorofluoromethane	ND	ug/Kg	5	
Vinyl Chloride	ND	ug/Kg	5	
Xylenes (Total)	ND	ug/Kg	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1206816LCS1											
1,1-Dichloroethene	50		56		ug/Kg	112			59-172		
Benzene	50		53		ug/Kg	106			62-137		
Chlorobenzene	50		52		ug/Kg	104			60-133		
Methyl-t-butyl Ether (MTBE)	50		46		ug/Kg	92			62-137		
Toluene	50		53		ug/Kg	106			59-139		
Trichloroethene	50		56		ug/Kg	112			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1206816MS1, QC1206816MSD1												
Source: 418867-047												
1,1-Dichloroethene	ND	50	50	64	55	ug/Kg	128	110	15.1	59-172	22	
Benzene	ND	50	50	57	51	ug/Kg	114	102	11.1	62-137	24	
Chlorobenzene	ND	50	50	54	50	ug/Kg	108	100	7.7	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	50	49	ug/Kg	100	98	2.0	62-137	21	
Toluene	ND	50	50	56	49	ug/Kg	112	98	13.3	59-139	21	
Trichloroethene	ND	50	50	61	51	ug/Kg	122	102	17.9	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 - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record
 Lab No: 419425
 Page: 1 of 4

Turn Around Time (rush by advanced notice only)
 Standard: X
 3 Day:
 5 Day:
 1 Day:
 Custom TAT:

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments				
Company:	Ninyo & Moore	Name:	Compton High School PEA	TPHg,d,o (6010B)												
Report To:	Patrick Cullip	Number:	210886002	TPHg,d,o (8015B/5035)												
Email:	pcullip@ninyoandmoore.com	P.O. #:		VOCs (8260B/5035)												
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue	VOCs (8260B/5035)												
	Irvine, CA 92618		Compton, CA 90220	TPHg,d,o (8015B)												
Phone:	949-753-7070	Global ID:		Hold												
Fax:	949-753-7071	Sampled By:	KMH/AUC													

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 ACC4 - SV10W - 5'	9/13/19	0812	SOIL	1 SIEVE SVCS	ICE
2 ACC4 - SV10W - 10'		0815			
3 ACC4 - SV10W - 15'		0818			
4 ACC4 - SV10W - 20'		0820			
5 ACC4 - SV10N - 5'		0855			
6 ACC4 - SV10N - 10'		0858			
7 ACC4 - SV10N - 15'		0901			
8 ACC4 - SV10N - 20'		0903			
9 ACC4 - SV11E - 5'		0951			
10 ACC4 - SV11E - 10'		0956			

Signature	Print Name	Company / Title	Date / Time
	Audrey Carroll	N & M	9/13/19 1519
	B. Kim	EAT	9/13/19 1519



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

Chain of Custody Record
 Lab No: 419425
 Page: 2 of 4

Turn Around Time (rush by advanced notice only)
 Standard: X
 3 Day:
 5 Day:
 1 Day:
 Custom TAT:

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other
 (lab use only)

Sample Receipt Temp:

CUSTOMER INFORMATION		PROJECT INFORMATION		ANALYSIS REQUEST		TEST INSTRUCTIONS / COMMENTS	
Company:	Ninyo & Moore	Name:	Compton High School PEA				Please cc results to khill@ninyoandmoore.com Please report TPHs as GRO, DRO, MIRO
Report To:	Patrick Cullip	Number:	210886002				
Email:	pcullip@ninyoandmoore.com	P.O. #:					
Address:	475 Goddard Ste 200	Address:	601 South Acacia Avenue				
Phone:	Irvine, CA 92618	Global ID:	Compton, CA 90220				
Fax:	949-753-7070	Sampled By:	KMH / AUC				
	949-753-7071						

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 A004-SV1E-15'	9/13/19	0958	SOIL	1 sieve 5 VGAS	ICE
2 A004-SV1E-20'		1000		↓	
3 A004-B18-S1S-1'		1204		8 oz jar	
4 A004-B18-S1S-2.5'		1205			
5 A004-B18-S1S-5'		1207			
6 A004-B18-S1S-7.5'		1212			
7 A004-B18-SIN-1'		1233			
8 A004-B18-SIN-2.5'		1234			
9 A004-B18-SIN-5'		1237			
10 A004-B18-SIN-7.5'		1240			

Signature	Print Name	Company / Title	Date / Time
	Audrey Carroll	N & M	9/13/19 1519
	G. Kim	EA	9/13/19 1519



Enthalpy Analytical - Orange

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

Chain of Custody Record

Lab No: **419425**
Page: **3** of **4**

Turn Around Time (rush by advanced notice only)

Standard: **X** 5 Day: **1** Day: **1** Day: **1** Day: **3**
Custom TAT: **15**
Sample Receipt Temp: **15**
(lab use only)

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

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

PROJECT INFORMATION

Company: Ninyo & Moore
Report To: Patrick Cullip
Email: pcullip@ninyoandmoore.com
Address: 475 Goddard Ste 200
Irvine, CA 92618
Phone: 949-753-7070
Fax: 949-753-7071

Name: Compton High School PEA
Number: 210886002
P.O. #:
Address: 601 South Acacia Avenue
Compton, CA 90220
Global ID:
Sampled By: **KMH/AUC**

Analysis Request

Test Instructions / Comments
Please cc results to
khill@ninyoandmoore.com
Please report TPHs as GRO, DRO, MRO

Sample ID

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 Acc4 - B18 - S1E - 1'	9/13/19	1217	SOIL	1-8oz jar	ICE
2 Acc4 - B18 - S1E - 2.5'		1219			
3 Acc4 - B18 - S1E - 5'		1224			
4 Acc4 - B18 - S1E - 7.5'		1228			
5 Acc4 - B18 - S1W - 1'		1147			
6 Acc4 - B18 - S1W - 2.5'		1149			
7 Acc4 - B18 - S1W - 5'		1152			
8 Acc4 - B18 - S1W - 7.5'		1200		1 sieve 5 VOCs	
9 DUP - 55					
10 DUP - 56					

Analysis Request

Analysis Request	Analysis Request
Lead (6010B)	X
TPH _{g,d,o} (8015B/5035)	X
VOCs (8260B/5035)	X
TPH _{g,d,o} (8015B)	
VOCs (8260B)	
Hold	

Signature

[Signature]
Audrey Carroll
G. Kim

Print Name

Audrey Carroll
G. Kim

Company / Title

N 2 M
G/A

Date / Time

9/13/19 1519
9/13/19 1519

1 Relinquished By:

1 Received By:

2 Relinquished By:

2 Received By:

3 Relinquished By:

3 Received By:



Enthalpy Analytical - Orange

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

Chain of Custody Record

Lab No: 419425
Page: 4 of 4

Turn Around Time (rush by advanced notice only)

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

Matrix: A = Air S = Soil/Solid
Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other
W =
Preservatives: 1 =
Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp: (lab use only)

PROJECT INFORMATION

Company: Ninyo and Moore
Report To: Patrick Cullip
Email: pcullip@ninyoandmoore.com
Address: 475 Goddard Ste 200
Irvine, CA 92618
Phone: 949-753-7070
Fax: 949-753-7071
Proj. Name: Compton High School PEA
Proj. #: 210886002
P.O. #:
Address: 601 South Arcadia Ave.
Global ID: Compton, CA 90220
Sampled By: KMH/AWC

Analysis Request

TPHg,d,e (8015B/5035)
VOCs (8260B/5035)
TPHg,d,p (8015B)
VOCs (8260B)
Hold

Test Instructions / Comments

Please cc results to
khill@ninyoandmoore.com
Please report TPHs as GYRO,
DR O, MRO

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 DUP-57	9/13/19		SOIL	1-8oz jar	ICE
2 DUP-58					
3 EB-091319A			H ₂ O	1 amber jar 6 VOAS	
4 EB-091319B					
5 TRIP Blank A				2 VOAS	
6 TRIP Blank B					
7					
8					
9					
10					

Analysis Request	Analysis Request	Analysis Request	Analysis Request	Analysis Request	Analysis Request	Analysis Request	Analysis Request	Analysis Request	Analysis Request
TPHg,d,e (8015B/5035)	TPHg,d,p (8015B)	VOCs (8260B/5035)	VOCs (8260B)	Hold					

Signature	Print Name	Company / Title	Date / Time
	Audrey Carroll	N & M	9/13/19 1519
	G. Kim	EA	9/13/19 1519
			15/10/19 2 910/19

- 1 Relinquished By:
- 1 Received By:
- 2 Relinquished By:
- 2 Received By:
- 3 Relinquished By:
- 3 Received By:

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Ninyo & Moore Project: Compton High School
 Date Received: 9/13/19 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: 16.3 #2: 6.3 #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: 1.3 #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? <u>2 9/13/19</u>	✗	✓	
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 EB was not ~~preservative~~ preserved. 9/13/19

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: 9/13/19



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



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

Lab Request: 422350
Report Date: 01/16/2020
Date Received: 12/05/2019
Client ID: 15461

Attn: Patrick Cullip
Comments: Compton High School PEA #210886002

Supplemental Report 3 - Additional analyses requested on 12/16/19, 01/02/20 and 01/09/20 are now reported herein.

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
422350-001	AOC5-B5SW-0.5	422350-027	AOC5-B8SW-2.5	422350-053	AOC5-B13SE-1.5
422350-002	AOC5-B5SW-1.5	422350-028	AOC5-B8WW-0.5	422350-054	AOC5-B13SE-2.5
422350-003	AOC5-B5SW-2.5	422350-029	AOC5-B8WW-1.5	422350-055	AOC5-B14SW-0.5
422350-004	AOC5-B5SS-0.5	422350-030	AOC5-B8WW-2.5	422350-056	AOC5-B14SW-1.5
422350-005	AOC5-B5SS-1.5	422350-031	AOC5-B8SS-0.5	422350-057	AOC5-B14SW-2.5
422350-006	AOC5-B5SS-2.5	422350-032	AOC5-B8SS-1.5	422350-058	AOC5-B14SSS-0.5
422350-007	AOC5-B5SE-0.5	422350-033	AOC5-B8SS-2.5	422350-059	AOC5-B14SSS-1.5
422350-008	AOC5-B5SE-1.5	422350-034	AOC5-B12SW-0.5	422350-060	AOC5-B14SSS-2.5
422350-009	AOC5-B5SE-2.5	422350-035	AOC5-B12SW-1.5	422350-061	AOC5-B14SS-0.5
422350-010	AOC5-B8E-0.5	422350-036	AOC5-B12SW-2.5	422350-062	AOC5-B14SS-1.5
422350-011	AOC5-B8E-1.5	422350-037	AOC5-B12SS-0.5	422350-063	AOC5-B14SS-2.5
422350-012	AOC5-B8E-2.5	422350-038	AOC5-B12SS-1.5	422350-064	AOC5-B14NN-0.5
422350-013	AOC5-B8SE-0.5	422350-039	AOC5-B12SS-2.5	422350-065	AOC5-B14NN-1.5
422350-014	AOC5-B8SE-1.5	422350-040	AOC5-B12SE-0.5	422350-066	AOC5-B14NN-2.5
422350-015	AOC5-B8SE-2.5	422350-041	AOC5-B12SE-1.5	422350-067	AOC5-B14NW-0.5
422350-016	AOC5-B8NE-0.5	422350-042	AOC5-B12SE-2.5	422350-068	AOC5-B14NW-1.5
422350-017	AOC5-B8NE-1.5	422350-043	AOC5-B13WW-0.5	422350-069	AOC5-B14NW-2.5
422350-018	AOC5-B8NE-2.5	422350-044	AOC5-B13WW-1.5	422350-070	AOC5-B17NE-0.5
422350-019	AOC5-B8NN-0.5	422350-045	AOC5-B13WW-2.5	422350-071	AOC5-B17NE-1.5
422350-020	AOC5-B8NN-1.5	422350-046	AOC5-B13SW-0.5	422350-072	AOC5-B17NE-2.5
422350-021	AOC5-B8NN-2.5	422350-047	AOC5-B13SW-1.5	422350-073	AOC5-B17E-0.5
422350-022	AOC5-B8NW-0.5	422350-048	AOC5-B13SW-2.5	422350-074	AOC5-B17E-1.5
422350-023	AOC5-B8NW-1.5	422350-049	AOC5-B13SS-0.5	422350-075	AOC5-B17E-2.5
422350-024	AOC5-B8NW-2.5	422350-050	AOC5-B13SS-1.5	422350-076	AOC5-B25WW-0.5
422350-025	AOC5-B8SW-0.5	422350-051	AOC5-B13SS-2.5	422350-077	AOC5-B25WW-1.5
422350-026	AOC5-B8SW-1.5	422350-052	AOC5-B13SE-0.5	422350-078	AOC5-B25WW-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.

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. The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves,





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

Lab Request: 422350
Report Date: 01/16/2020
Date Received: 12/05/2019
Client ID: 15461

Attn: Patrick Cullip
Comments: Compton High School PEA #210886002

Supplemental Report 3 - Additional analyses requested on 12/16/19, 01/02/20 and 01/09/20 are now reported herein.

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.

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>
422350-079	AOC5-B21SW-0.5	422350-105	AOC1-E-B2NN-2.5	422350-131	DUP-67
422350-080	AOC5-B21SW-1.5	422350-106	AOC1-E-B2NE-0.5	422350-132	AOC1-E-B6WW-0.5
422350-081	AOC5-B21SW-2.5	422350-107	AOC1-E-B2NE-1.5	422350-133	AOC1-E-B6WW-1.5
422350-082	AOC5-B21NW-0.5	422350-108	AOC1-E-B2NE-2.5	422350-134	AOC1-E-B6WW-2.5
422350-083	AOC5-B21NW-1.5	422350-109	AOC1-E-B1NW-0.5		
422350-084	AOC5-B21NW-2.5	422350-110	AOC1-E-B1NW-1.5		
422350-085	AOC5-B21WW-0.5	422350-111	AOC1-E-B1NW-2.5		
422350-086	AOC5-B21WW-1.5	422350-112	AOC1-E-B1WW-0.5		
422350-087	AOC5-B21WW-2.5	422350-113	AOC1-E-B1WW-1.5		
422350-088	AOC1-E-B12SS-0.5	422350-114	AOC1-E-B1WW-2.5		
422350-089	AOC1-E-B12SS-1.5	422350-115	AOC1-E-B6NW-0.5		
422350-090	AOC1-E-B12SS-2.5	422350-116	AOC1-E-B6NW-1.5		
422350-091	AOC1-E-B8NE-0.5	422350-117	AOC1-E-B6NW-2.5		
422350-092	AOC1-E-B8NE-1.5	422350-118	AOC1-E-B11SS-0.5		
422350-093	AOC1-E-B8NE-2.5	422350-119	AOC1-E-B11SS-1.5		
422350-094	AOC1-E-B9NW-0.5	422350-120	AOC1-E-B11SS-2.5		
422350-095	AOC1-E-B9NW-1.5	422350-121	EB-120519A		
422350-096	AOC1-E-B9NW-2.5	422350-122	EB-120519B		
422350-097	AOC1-E-B2SS-0.5	422350-123	DUP-59		
422350-098	AOC1-E-B2SS-1.5	422350-124	DUP-60		
422350-099	AOC1-E-B2SS-2.5	422350-125	DUP-61		
422350-100	AOC1-E-B2SE-0.5	422350-126	DUP-62		
422350-101	AOC1-E-B2SE-1.5	422350-127	DUP-63		
422350-102	AOC1-E-B2SE-2.5	422350-128	DUP-64		
422350-103	AOC1-E-B2NN-0.5	422350-129	DUP-65		
422350-104	AOC1-E-B2NN-1.5	422350-130	DUP-66		

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

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 08:20	Site:	
Sample #: <u>422350-001</u>	Client Sample #: AOC5-B5SW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209682		
Lead	10.4	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 08:24	Site:	
Sample #: <u>422350-002</u>	Client Sample #: AOC5-B5SW-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: 12/05/2019 08:27	Site:	
Sample #: <u>422350-003</u>	Client Sample #: AOC5-B5SW-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: 12/05/2019 08:27	Site:	
Sample #: <u>422350-004</u>	Client Sample #: AOC5-B5SS-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209683		
Lead	23.2	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 08:29	Site:	
Sample #: <u>422350-005</u>	Client Sample #: AOC5-B5SS-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: 12/05/2019 08:32	Site:	
Sample #: <u>422350-006</u>	Client Sample #: AOC5-B5SS-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: 12/05/2019 08:14	Site:	
Sample #: <u>422350-007</u>	Client Sample #: AOC5-B5SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209683		
Lead	106	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 08:20	Site:	
Sample #: <u>422350-008</u>	Client Sample #: AOC5-B5SE-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1212645		
Lead	8.03	1	0.84	1	mg/Kg		12/18/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 08:23	Site:	
Sample #: <u>422350-009</u>	Client Sample #: AOC5-B5SE-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: 12/05/2019 08:40	Site:	
Sample #: <u>422350-010</u>	Client Sample #: AOC5-B8E-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209683	
Lead	46.9	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 08:45	Site:	
Sample #: <u>422350-011</u>	Client Sample #: AOC5-B8E-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: 12/05/2019 08:47	Site:	
Sample #: <u>422350-012</u>	Client Sample #: AOC5-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: 12/05/2019 08:42	Site:	
Sample #: <u>422350-013</u>	Client Sample #: AOC5-B8SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209683	
Lead	11.8	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 08:44	Site:	
Sample #: <u>422350-014</u>	Client Sample #: AOC5-B8SE-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: 12/05/2019 08:46	Site:	
Sample #: <u>422350-015</u>	Client Sample #: AOC5-B8SE-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: 12/05/2019 08:49	Site:	
Sample #: <u>422350-016</u>	Client Sample #: AOC5-B8NE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209683	
Lead	15.1	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 08:52	Site:							
Sample #: <u>422350-017</u>	Client Sample #: AOC5-B8NE-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: 12/05/2019 08:55	Site:							
Sample #: <u>422350-018</u>	Client Sample #: AOC5-B8NE-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: 12/05/2019 08:59	Site:							
Sample #: <u>422350-019</u>	Client Sample #: AOC5-B8NN-0.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209683	
Lead	90.7	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 09:02	Site:							
Sample #: <u>422350-020</u>	Client Sample #: AOC5-B8NN-1.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	10.7	1	0.84	1	mg/Kg		12/18/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 09:05	Site:							
Sample #: <u>422350-021</u>	Client Sample #: AOC5-B8NN-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: 12/05/2019 09:07	Site:							
Sample #: <u>422350-022</u>	Client Sample #: AOC5-B8NW-0.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209683	
Lead	99.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 09:10	Site:							
Sample #: <u>422350-023</u>	Client Sample #: AOC5-B8NW-1.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	49.0	1	0.84	1	mg/Kg		12/18/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 09:12	Site:							
Sample #: <u>422350-024</u>	Client Sample #: AOC5-B8NW-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: 12/05/2019 09:10	Site:	
Sample #: <u>422350-025</u>	Client Sample #: AOC5-B8SW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209683		
Lead	17.9	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:13	Site:	
Sample #: <u>422350-026</u>	Client Sample #: AOC5-B8SW-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: 12/05/2019 09:15	Site:	
Sample #: <u>422350-027</u>	Client Sample #: AOC5-B8SW-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: 12/05/2019 09:17	Site:	
Sample #: <u>422350-028</u>	Client Sample #: AOC5-B8WW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209683		
Lead	79.2	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:20	Site:	
Sample #: <u>422350-029</u>	Client Sample #: AOC5-B8WW-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: 12/05/2019 09:22	Site:	
Sample #: <u>422350-030</u>	Client Sample #: AOC5-B8WW-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: 12/05/2019 09:21	Site:	
Sample #: <u>422350-031</u>	Client Sample #: AOC5-B8SS-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209683		
Lead	18.8	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:23	Site:	
Sample #: <u>422350-032</u>	Client Sample #: AOC5-B8SS-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: 12/05/2019 09:26	Site:	
Sample #: <u>422350-033</u>	Client Sample #: AOC5-B8SS-2.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>EPA 6010B NELAC</i>	Prep Method: <i>EPA 3050B</i>						QCBatchID:	
N/A	N/A	1						

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:42	Site:	
Sample #: <u>422350-034</u>	Client Sample #: AOC5-B12SW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>EPA 6010B NELAC</i>	Prep Method: <i>EPA 3050B</i>						QCBatchID: <i>QC1209683</i>	
Lead	43.3	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:45	Site:	
Sample #: <u>422350-035</u>	Client Sample #: AOC5-B12SW-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>EPA 6010B NELAC</i>	Prep Method: <i>EPA 3050B</i>						QCBatchID:	
N/A	N/A	1						

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:46	Site:	
Sample #: <u>422350-036</u>	Client Sample #: AOC5-B12SW-2.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>EPA 6010B NELAC</i>	Prep Method: <i>EPA 3050B</i>						QCBatchID:	
N/A	N/A	1						

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:46	Site:	
Sample #: <u>422350-037</u>	Client Sample #: AOC5-B12SS-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>EPA 6010B NELAC</i>	Prep Method: <i>EPA 3050B</i>						QCBatchID: <i>QC1209683</i>	
Lead	94.3	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:50	Site:	
Sample #: <u>422350-038</u>	Client Sample #: AOC5-B12SS-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>EPA 6010B NELAC</i>	Prep Method: <i>EPA 3050B</i>						QCBatchID: <i>QC1212645</i>	
Lead	13.9	1	0.84	1	mg/Kg		12/18/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:54	Site:	
Sample #: <u>422350-039</u>	Client Sample #: AOC5-B12SS-2.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>EPA 6010B NELAC</i>	Prep Method: <i>EPA 3050B</i>						QCBatchID:	
N/A	N/A	1						

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 09:54	Site:	
Sample #: <u>422350-040</u>	Client Sample #: AOC5-B12SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>EPA 6010B NELAC</i>	Prep Method: <i>EPA 3050B</i>						QCBatchID: <i>QC1209683</i>	
Lead	92.5	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 09:57	Site:							
Sample #: <u>422350-041</u>	Client Sample #: AOC5-B12SE-1.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	8.68	1	0.84	1	mg/Kg	12/18/19	SBW	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:01	Site:							
Sample #: <u>422350-042</u>	Client Sample #: AOC5-B12SE-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: 12/05/2019 09:57	Site:							
Sample #: <u>422350-043</u>	Client Sample #: AOC5-B13WW-0.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209683	
Lead	163	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:00	Site:							
Sample #: <u>422350-044</u>	Client Sample #: AOC5-B13WW-1.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	23.2	1	0.84	1	mg/Kg	12/18/19	SBW	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:04	Site:							
Sample #: <u>422350-045</u>	Client Sample #: AOC5-B13WW-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: 12/05/2019 10:09	Site:							
Sample #: <u>422350-046</u>	Client Sample #: AOC5-B13SW-0.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209683	
Lead	87.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:12	Site:							
Sample #: <u>422350-047</u>	Client Sample #: AOC5-B13SW-1.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1213460	
Lead	15.9	1	0.84	1	mg/Kg	01/13/20	KLN	
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:15	Site:							
Sample #: <u>422350-048</u>	Client Sample #: AOC5-B13SW-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: 12/05/2019 10:09	Site:	
Sample #: <u>422350-049</u>	Client Sample #: AOC5-B13SS-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209683		
Lead	65.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 10:13	Site:	
Sample #: <u>422350-050</u>	Client Sample #: AOC5-B13SS-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: 12/05/2019 10:16	Site:	
Sample #: <u>422350-051</u>	Client Sample #: AOC5-B13SS-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: 12/05/2019 10:22	Site:	
Sample #: <u>422350-052</u>	Client Sample #: AOC5-B13SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209683		
Lead	75.8	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 10:24	Site:	
Sample #: <u>422350-053</u>	Client Sample #: AOC5-B13SE-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: 12/05/2019 10:27	Site:	
Sample #: <u>422350-054</u>	Client Sample #: AOC5-B13SE-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: 12/05/2019 10:25	Site:	
Sample #: <u>422350-055</u>	Client Sample #: AOC5-B14SW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209683		
Lead	98.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 10:27	Site:	
Sample #: <u>422350-056</u>	Client Sample #: AOC5-B14SW-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1212645		
Lead	8.78	1	0.84	1	mg/Kg		12/18/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:29	Site:							
Sample #: <u>422350-057</u>	Client Sample #: AOC5-B14SW-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: 12/05/2019 10:39	Site:							
Sample #: <u>422350-058</u>	Client Sample #: AOC5-B14SSS-0.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209683	
Lead	107	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:40	Site:							
Sample #: <u>422350-059</u>	Client Sample #: AOC5-B14SSS-1.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	102	1	0.84	1	mg/Kg		12/18/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:42	Site:							
Sample #: <u>422350-060</u>	Client Sample #: AOC5-B14SSS-2.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:						QCBatchID:	
N/A	N/A	1						
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1213146	
Lead	15.5	1	0.84	1	mg/Kg		01/03/20	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:44	Site:							
Sample #: <u>422350-061</u>	Client Sample #: AOC5-B14SS-0.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209683	
Lead	108	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:46	Site:							
Sample #: <u>422350-062</u>	Client Sample #: AOC5-B14SS-1.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	31.8	1	0.84	1	mg/Kg		12/18/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 10:50	Site:							
Sample #: <u>422350-063</u>	Client Sample #: AOC5-B14SS-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: 12/05/2019 10:39	Site:	
Sample #: <u>422350-064</u>	Client Sample #: AOC5-B14NN-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209684		
Lead	170	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 10:41	Site:	
Sample #: <u>422350-065</u>	Client Sample #: AOC5-B14NN-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1213146		
Lead	80.6	1	0.84	1	mg/Kg		01/03/20	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 10:44	Site:	
Sample #: <u>422350-066</u>	Client Sample #: AOC5-B14NN-2.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1213460		
Lead	3.17	1	0.84	1	mg/Kg		01/13/20	KLN

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 10:49	Site:	
Sample #: <u>422350-067</u>	Client Sample #: AOC5-B14NW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209684		
Lead	71.4	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 10:53	Site:	
Sample #: <u>422350-068</u>	Client Sample #: AOC5-B14NW-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: 12/05/2019 10:55	Site:	
Sample #: <u>422350-069</u>	Client Sample #: AOC5-B14NW-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: 12/05/2019 11:20	Site:	
Sample #: <u>422350-070</u>	Client Sample #: AOC5-B17NE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209684		
Lead	64.3	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 11:24	Site:	
Sample #: <u>422350-071</u>	Client Sample #: AOC5-B17NE-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: 12/05/2019 11:28	Site:							
Sample #: <u>422350-072</u>	Client Sample #: AOC5-B17NE-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: 12/05/2019 11:15	Site:							
Sample #: <u>422350-073</u>	Client Sample #: AOC5-B17E-0.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	13.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 11:18	Site:							
Sample #: <u>422350-074</u>	Client Sample #: AOC5-B17E-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: 12/05/2019 11:21	Site:							
Sample #: <u>422350-075</u>	Client Sample #: AOC5-B17E-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: 12/05/2019 11:08	Site:							
Sample #: <u>422350-076</u>	Client Sample #: AOC5-B25WW-0.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	106	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 11:10	Site:							
Sample #: <u>422350-077</u>	Client Sample #: AOC5-B25WW-1.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	151	1	0.84	1	mg/Kg		12/18/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 11:13	Site:							
Sample #: <u>422350-078</u>	Client Sample #: AOC5-B25WW-2.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method:	Prep Method:						QCBatchID:	
N/A	N/A	1						
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1213146	
Lead	21.2	1	0.84	1	mg/Kg		01/03/20	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 11:27	Site:	
Sample #: <u>422350-079</u>	Client Sample #: AOC5-B21SW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	95.9	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 11:29	Site:	
Sample #: <u>422350-080</u>	Client Sample #: AOC5-B21SW-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	17.4	1	0.84	1	mg/Kg	12/18/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 11:31	Site:	
Sample #: <u>422350-081</u>	Client Sample #: AOC5-B21SW-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: 12/05/2019 11:37	Site:	
Sample #: <u>422350-082</u>	Client Sample #: AOC5-B21NW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	85.7	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 11:43	Site:	
Sample #: <u>422350-083</u>	Client Sample #: AOC5-B21NW-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	23.7	1	0.84	1	mg/Kg	12/18/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 11:45	Site:	
Sample #: <u>422350-084</u>	Client Sample #: AOC5-B21NW-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: 12/05/2019 11:40	Site:	
Sample #: <u>422350-085</u>	Client Sample #: AOC5-B21WW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	49.4	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 11:43	Site:	
Sample #: <u>422350-086</u>	Client Sample #: AOC5-B21WW-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: 12/05/2019 11:45	Site:	
Sample #: <u>422350-087</u>	Client Sample #: AOC5-B21WW-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: 12/05/2019 13:28	Site:	
Sample #: <u>422350-088</u>	Client Sample #: AOC1-E-B12SS-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	56.5	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 13:30	Site:	
Sample #: <u>422350-089</u>	Client Sample #: AOC1-E-B12SS-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: 12/05/2019 13:32	Site:	
Sample #: <u>422350-090</u>	Client Sample #: AOC1-E-B12SS-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: 12/05/2019 13:39	Site:	
Sample #: <u>422350-091</u>	Client Sample #: AOC1-E-B8NE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	61.4	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 13:42	Site:	
Sample #: <u>422350-092</u>	Client Sample #: AOC1-E-B8NE-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: 12/05/2019 13:44	Site:	
Sample #: <u>422350-093</u>	Client Sample #: AOC1-E-B8NE-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: 12/05/2019 13:40	Site:	
Sample #: <u>422350-094</u>	Client Sample #: AOC1-E-B9NW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	31.8	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 13:43	Site:	
Sample #: <u>422350-095</u>	Client Sample #: AOC1-E-B9NW-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: 12/05/2019 13:48	Site:	
Sample #: <u>422350-096</u>	Client Sample #: AOC1-E-B9NW-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: 12/05/2019 14:19	Site:	
Sample #: <u>422350-097</u>	Client Sample #: AOC1-E-B2SS-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	35.9	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 14:22	Site:	
Sample #: <u>422350-098</u>	Client Sample #: AOC1-E-B2SS-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: 12/05/2019 14:25	Site:	
Sample #: <u>422350-099</u>	Client Sample #: AOC1-E-B2SS-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: 12/05/2019 14:18	Site:	
Sample #: <u>422350-100</u>	Client Sample #: AOC1-E-B2SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	25.1	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 14:21	Site:	
Sample #: <u>422350-101</u>	Client Sample #: AOC1-E-B2SE-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: 12/05/2019 14:22	Site:	
Sample #: <u>422350-102</u>	Client Sample #: AOC1-E-B2SE-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: 12/05/2019 14:29	Site:	
Sample #: <u>422350-103</u>	Client Sample #: AOC1-E-B2NN-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209684			
Lead	41.5	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 14:31	Site:	
Sample #: <u>422350-104</u>	Client Sample #: AOC1-E-B2NN-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: 12/05/2019 14:34	Site:	
Sample #: <u>422350-105</u>	Client Sample #: AOC1-E-B2NN-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: 12/05/2019 14:27	Site:	
Sample #: <u>422350-106</u>	Client Sample #: AOC1-E-B2NE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209684			
Lead	38.1	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 14:29	Site:	
Sample #: <u>422350-107</u>	Client Sample #: AOC1-E-B2NE-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: 12/05/2019 14:31	Site:	
Sample #: <u>422350-108</u>	Client Sample #: AOC1-E-B2NE-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: 12/05/2019 14:39	Site:	
Sample #: <u>422350-109</u>	Client Sample #: AOC1-E-B1NW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209684			
Lead	36.7	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 14:41	Site:	
Sample #: <u>422350-110</u>	Client Sample #: AOC1-E-B1NW-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: 12/05/2019 14:44 Site:
Sample #: 422350-111 Client Sample #: AOC1-E-B1NW-2.5 Sample Type:

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

Matrix: Solid Client: Ninyo & Moore Collector: Client
Sampled: 12/05/2019 14:51 Site:
Sample #: 422350-112 Client Sample #: AOC1-E-B1WW-0.5 Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	330	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid Client: Ninyo & Moore Collector: Client
Sampled: 12/05/2019 14:54 Site:
Sample #: 422350-113 Client Sample #: AOC1-E-B1WW-1.5 Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	5.38	1	0.84	1	mg/Kg		12/18/19	SBW

Matrix: Solid Client: Ninyo & Moore Collector: Client
Sampled: 12/05/2019 14:58 Site:
Sample #: 422350-114 Client Sample #: AOC1-E-B1WW-2.5 Sample Type:

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

Matrix: Solid Client: Ninyo & Moore Collector: Client
Sampled: 12/05/2019 14:42 Site:
Sample #: 422350-115 Client Sample #: AOC1-E-B6NW-0.5 Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	46.2	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid Client: Ninyo & Moore Collector: Client
Sampled: 12/05/2019 14:46 Site:
Sample #: 422350-116 Client Sample #: AOC1-E-B6NW-1.5 Sample Type:

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

Matrix: Solid Client: Ninyo & Moore Collector: Client
Sampled: 12/05/2019 14:48 Site:
Sample #: 422350-117 Client Sample #: AOC1-E-B6NW-2.5 Sample Type:

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

Matrix: Solid Client: Ninyo & Moore Collector: Client
Sampled: 12/05/2019 13:26 Site:
Sample #: 422350-118 Client Sample #: AOC1-E-B11SS-0.5 Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B NELAC	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	102	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 13:30	Site:							
Sample #: <u>422350-119</u>	Client Sample #: AOC1-E-B11SS-1.5	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	17.5	1	0.84	1	mg/Kg	12/18/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 13:33	Site:							
Sample #: <u>422350-120</u>	Client Sample #: AOC1-E-B11SS-2.5	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: 12/05/2019 17:42	Site:							
Sample #: <u>422350-121</u>	Client Sample #: EB-120519A	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3010A						QCBatchID: QC1209692	
Lead	ND	1	0.005	0.01	mg/L	12/09/19	SBW	

Matrix: Water	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 17:42	Site:							
Sample #: <u>422350-122</u>	Client Sample #: EB-120519B	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3010A						QCBatchID: QC1209692	
Lead	ND	1	0.005	0.01	mg/L	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019 13:26	Site:							
Sample #: <u>422350-123</u>	Client Sample #: DUP-59	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209684	
Lead	82.7	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019	Site:							
Sample #: <u>422350-124</u>	Client Sample #: DUP-60	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685	
Lead	95.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019	Site:							
Sample #: <u>422350-125</u>	Client Sample #: DUP-61	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685	
Lead	188	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/05/2019	Site:							
Sample #: <u>422350-126</u>	Client Sample #: DUP-62	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685	
Lead	26.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019	Site:	
Sample #: <u>422350-127</u>	Client Sample #: DUP-63	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685		
Lead	56.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019	Site:	
Sample #: <u>422350-128</u>	Client Sample #: DUP-64	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685		
Lead	112	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019	Site:	
Sample #: <u>422350-129</u>	Client Sample #: DUP-65	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685		
Lead	35.0	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019	Site:	
Sample #: <u>422350-130</u>	Client Sample #: DUP-66	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685		
Lead	48.2	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019	Site:	
Sample #: <u>422350-131</u>	Client Sample #: DUP-67	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685		
Lead	58.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 14:52	Site:	
Sample #: <u>422350-132</u>	Client Sample #: AOC1-E-B6WW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209745		
Lead	11.6	1	0.84	1	mg/Kg		12/12/19	KLN	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/05/2019 14:54	Site:	
Sample #: <u>422350-133</u>	Client Sample #: AOC1-E-B6WW-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: 12/05/2019 14:56	Site:	
Sample #: <u>422350-134</u>	Client Sample #: AOC1-E-B6WW-2.5	Sample Type:

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

QCBatchID: <u>QC1209682</u>	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/07/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209682MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209682LCS1											
Lead	100		98.2		mg/Kg	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209682MS1, QC1209682MSD1 Source: 419160-045												
Lead	4.65	100	100	101	103	mg/Kg	96	98	2.0	75-125	20	

QCBatchID: <u>QC1209683</u>	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/07/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209683MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209683LCS1											
Lead	100		97.8		mg/Kg	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209683MS1, QC1209683MSD1												
Lead	23.2	100	100	108	118	mg/Kg	85	95	8.8	75-125	20	Source: 422350-004

QCBatchID: <u>QC1209684</u>	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/07/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209684MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209684LCS1											
Lead	100		96.5		mg/Kg	97			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209684MS1, QC1209684MSD1 Source: 422350-064												
Lead	170	100	100	284	265	mg/Kg	114	95	6.9	75-125	20	

QCBatchID: QC1209685	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/07/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209685MB1					
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	0.18 J	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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209685LCS1											
Antimony	100		97.6		mg/Kg	98			80-120		
Arsenic	100		94.2		mg/Kg	94			80-120		
Barium	100		98.3		mg/Kg	98			80-120		
Beryllium	100		91.3		mg/Kg	91			80-120		
Cadmium	100		88.6		mg/Kg	89			80-120		
Chromium	100		87.6		mg/Kg	88			80-120		
Cobalt	100		93.5		mg/Kg	94			80-120		
Copper	100		89.9		mg/Kg	90			80-120		
Lead	100		101		mg/Kg	101			80-120		
Molybdenum	100		93.5		mg/Kg	94			80-120		
Nickel	100		100		mg/Kg	100			80-120		
Selenium	100		92.0		mg/Kg	92			80-120		
Silver	100		88.8		mg/Kg	89			80-120		
Thallium	100		94.7		mg/Kg	95			80-120		
Vanadium	100		94.4		mg/Kg	94			80-120		
Zinc	100		90.0		mg/Kg	90			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209685MS1, QC1209685MSD1												Source: 422350-124
Antimony	ND	100	100	48.5	43.7	mg/Kg	49	44	10.4	75-125	20	M
Arsenic	4.87	100	100	98.9	93.7	mg/Kg	94	89	5.4	75-125	20	
Barium	114	100	100	199	190	mg/Kg	85	76	4.6	75-125	20	
Beryllium	ND	100	100	90.9	90.6	mg/Kg	93	92	0.3	75-125	20	
Cadmium	0.89	100	100	89.3	82.3	mg/Kg	88	81	8.2	75-125	20	
Chromium	17.4	100	100	112	114	mg/Kg	95	97	1.8	75-125	20	
Cobalt	9.30	100	100	103	94.5	mg/Kg	94	85	8.6	75-125	20	
Copper	21.8	100	100	115	114	mg/Kg	93	92	0.9	75-125	20	
Lead	95.6	100	100	135	139	mg/Kg	39	43	2.9	75-125	20	M
Molybdenum	1.20	100	100	94.9	92.0	mg/Kg	94	91	3.1	75-125	20	

QCBatchID: QC1209685**Analyst:** dswafford**Method:** EPA 6010B**Matrix:** Solid**Analyzed:** 12/07/2019**Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209685MS1, QC1209685MSD1											Source: 422350-124	
Nickel	12.8	100	100	105	99.2	mg/Kg	92	86	5.7	75-125	20	
Selenium	ND	100	100	84.4	78.1	mg/Kg	84	78	7.8	75-125	20	
Silver	ND	100	100	132	129	mg/Kg	132	129	2.3	75-125	20	M
Thallium	ND	100	100	96.1	95.1	mg/Kg	96	95	1.0	75-125	20	
Vanadium	37.9	100	100	143	142	mg/Kg	105	104	0.7	75-125	20	
Zinc	138	100	100	172	179	mg/Kg	34	41	4.0	75-125	20	M

QCBatchID: QC1209692	Analyst: rvenegas	Method: EPA 6010B
Matrix: Water	Analyzed: 12/08/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209692MB1					
Arsenic	ND	mg/L	0.008	0.01	
Iron	0.012 J	mg/L	0.008	0.02	
Lead	0.006 J	mg/L	0.005	0.01	
Manganese	ND	mg/L	0.003	0.01	
Selenium	ND	mg/L	0.016	0.03	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209692LCS1											
Arsenic	2		1.97		mg/L	99			80-120		
Iron	2		2.21		mg/L	111			80-120		
Lead	2		2.10		mg/L	105			80-120		
Manganese	2		2.35		mg/L	118			80-120		
Selenium	2		1.92		mg/L	96			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209692MS1, QC1209692MSD1												
Arsenic	ND	1	1	0.972	0.933	mg/L	97	93	4.1	75-125	20	
Iron	0.084	1	1	1.07	1.03	mg/L	99	95	3.8	75-125	20	
Lead	ND	1	1	0.878	0.854	mg/L	88	85	2.8	75-125	20	
Manganese	0.417	1	1	1.41	1.36	mg/L	99	94	3.6	75-125	20	
Selenium	0.079	1	1	0.993	0.968	mg/L	91	89	2.5	75-125	20	

Source: 422318-001

QCBatchID: QC1209745	Analyst: rvenegas	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/09/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209745MB1					
Antimony	0.81 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	ND	mg/Kg	0.31	1	
Lead	0.35 J	mg/Kg	0.32	1	
Molybdenum	0.69 J	mg/Kg	0.13	1	
Nickel	ND	mg/Kg	0.2	1.5	
Selenium	ND	mg/Kg	0.72	3	
Silver	0.20 J	mg/Kg	0.13	0.5	
Thallium	1.28 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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209745LCS1											
Antimony	50		51.9		mg/Kg	104			80-120		
Arsenic	50		44.9		mg/Kg	90			80-120		
Barium	50		50.7		mg/Kg	101			80-120		
Beryllium	50		44.8		mg/Kg	90			80-120		
Cadmium	50		51.3		mg/Kg	103			80-120		
Chromium	50		48.7		mg/Kg	97			80-120		
Cobalt	50		53.7		mg/Kg	107			80-120		
Copper	50		48.1		mg/Kg	96			80-120		
Lead	50		52.6		mg/Kg	105			80-120		
Molybdenum	50		50.3		mg/Kg	101			80-120		
Nickel	50		52.7		mg/Kg	105			80-120		
Selenium	50		44.8		mg/Kg	90			80-120		
Silver	50		74.4		mg/Kg	149			80-120		L
Thallium	50		49.7		mg/Kg	99			80-120		
Vanadium	50		51.0		mg/Kg	102			80-120		
Zinc	50		49.3		mg/Kg	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209745MS1, QC1209745MSD1												Source: 422476-001
Antimony	1.15	50	50	21.5	19.7	mg/Kg	41	37	8.7	75-125	20	M
Arsenic	3.30	50	50	48.5	42.9	mg/Kg	90	79	12.3	75-125	20	
Barium	35.7	50	50	78.7	74.9	mg/Kg	86	78	4.9	75-125	20	
Beryllium	ND	50	50	43.5	39.5	mg/Kg	87	79	9.6	75-125	20	
Cadmium	0.30	50	50	43.7	37.9	mg/Kg	87	75	14.2	75-125	20	
Chromium	8.17	50	50	51.3	46.9	mg/Kg	86	77	9.0	75-125	20	
Cobalt	4.91	50	50	53.2	45.8	mg/Kg	97	82	14.9	75-125	20	
Copper	13.3	50	50	62.6	54.2	mg/Kg	99	82	14.4	75-125	20	
Lead	5.03	50	50	52.8	46.4	mg/Kg	96	83	12.9	75-125	20	
Molybdenum	0.67	50	50	44.3	38.0	mg/Kg	87	75	15.3	75-125	20	M

QCBatchID: QC1209745**Analyst: rvenegas****Method: EPA 6010B****Matrix: Solid****Analyzed: 12/09/2019****Instrument: AAICP (group)**

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209745MS1, QC1209745MSD1											Source: 422476-001	
Nickel	3.93	50	50	51.6	44.4	mg/Kg	95	81	15.0	75-125	20	
Selenium	ND	50	50	39.3	32.0	mg/Kg	79	64	20.5	75-125	20	M,D
Silver	ND	50	50	66.9	57.0	mg/Kg	134	114	16.0	75-125	20	M
Thallium	1.68	50	50	45.3	39.4	mg/Kg	87	75	13.9	75-125	20	
Vanadium	24.1	50	50	72.5	67.7	mg/Kg	97	87	6.8	75-125	20	
Zinc	21.9	50	50	69.4	61.7	mg/Kg	95	80	11.7	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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
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		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
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		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
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	

QCBatchID: QC1213146	Analyst: rvenegas	Method: EPA 6010B
Matrix: Solid	Analyzed: 01/02/2020	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1213146MB1					
Antimony	2.54 J	mg/Kg	1.6	3	
Arsenic	0.90 J	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	2.60 J	mg/Kg	0.75	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1213146LCS1											
Antimony	100		94.7		mg/Kg	95			80-120		
Arsenic	100		97.6		mg/Kg	98			80-120		
Barium	100		98.1		mg/Kg	98			80-120		
Beryllium	100		90.5		mg/Kg	91			80-120		
Cadmium	100		102		mg/Kg	102			80-120		
Chromium	100		97.8		mg/Kg	98			80-120		
Cobalt	100		105		mg/Kg	105			80-120		
Copper	100		97.5		mg/Kg	98			80-120		
Lead	100		103		mg/Kg	103			80-120		
Molybdenum	100		104		mg/Kg	104			80-120		
Nickel	100		109		mg/Kg	109			80-120		
Selenium	100		93.5		mg/Kg	94			80-120		
Silver	100		98.2		mg/Kg	98			80-120		
Thallium	100		102		mg/Kg	102			80-120		
Vanadium	100		102		mg/Kg	102			80-120		
Zinc	100		108		mg/Kg	108			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1213146MS1, QC1213146MSD1												Source: 422350-060
Antimony	2.98	100	100	35.8	23.0	mg/Kg	33	20	43.5	75-125	20	M,D
Arsenic	3.04	100	100	91.8	78.5	mg/Kg	89	75	15.6	75-125	20	
Barium	97.0	100	100	201	200	mg/Kg	104	103	0.5	75-125	20	
Beryllium	ND	100	100	86.3	86.9	mg/Kg	86	87	0.7	75-125	20	
Cadmium	0.66	100	100	92.3	79.5	mg/Kg	92	79	14.9	75-125	20	
Chromium	14.4	100	100	105	98.4	mg/Kg	91	84	6.5	75-125	20	
Cobalt	8.87	100	100	103	91.2	mg/Kg	94	82	12.2	75-125	20	
Copper	16.0	100	100	111	99.8	mg/Kg	95	84	10.6	75-125	20	
Lead	15.5	100	100	114	91.8	mg/Kg	99	76	21.6	75-125	20	D
Molybdenum	1.27	100	100	90.2	81.3	mg/Kg	89	80	10.4	75-125	20	

QCBatchID: QC1213146**Analyst:** rvenegas**Method:** EPA 6010B**Matrix:** Solid**Analyzed:** 01/02/2020**Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1213146MS1, QC1213146MSD1											Source: 422350-060	
Nickel	9.77	100	100	104	92.0	mg/Kg	94	82	12.2	75-125	20	
Selenium	ND	100	100	82.9	73.8	mg/Kg	83	74	11.6	75-125	20	M
Silver	ND	100	100	90.9	89.6	mg/Kg	91	90	1.4	75-125	20	
Thallium	6.20	100	100	88.2	110	mg/Kg	82	104	22.0	75-125	20	D
Vanadium	35.0	100	100	134	128	mg/Kg	99	93	4.6	75-125	20	
Zinc	59.5	100	100	170	152	mg/Kg	111	93	11.2	75-125	20	

QCBatchID: QC1213460	Analyst: msanchez	Method: EPA 6010B
Matrix: Solid	Analyzed: 01/13/2020	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1213460MB1					
Antimony	2.86 J	mg/Kg	1.6	3	
Arsenic	0.86 J	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	0.30 J	mg/Kg	0.26	0.5	
Zinc	1.77 J	mg/Kg	0.75	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1213460LCS1											
Antimony	100		101		mg/Kg	101			80-120		
Arsenic	100		98.7		mg/Kg	99			80-120		
Barium	100		100		mg/Kg	100			80-120		
Beryllium	100		91.4		mg/Kg	91			80-120		
Cadmium	100		101		mg/Kg	101			80-120		
Chromium	100		99.9		mg/Kg	100			80-120		
Cobalt	100		101		mg/Kg	101			80-120		
Copper	100		103		mg/Kg	103			80-120		
Lead	100		104		mg/Kg	104			80-120		
Molybdenum	100		99.0		mg/Kg	99			80-120		
Nickel	100		103		mg/Kg	103			80-120		
Selenium	100		94.3		mg/Kg	94			80-120		
Silver	100		81.6		mg/Kg	82			80-120		
Thallium	100		104		mg/Kg	104			80-120		
Vanadium	100		101		mg/Kg	101			80-120		
Zinc	100		109		mg/Kg	109			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1213460MS1, QC1213460MSD1												Source: 422350-047
Antimony	ND	100	100	39.8	37.0	mg/Kg	40	37	7.3	75-125	20	M
Arsenic	3.79	100	100	101	97.1	mg/Kg	97	93	3.9	75-125	20	
Barium	106	100	100	185	177	mg/Kg	79	71	4.4	75-125	20	M
Beryllium	ND	100	100	99.4	91.4	mg/Kg	99	91	8.4	75-125	20	
Cadmium	0.58	100	100	101	92.8	mg/Kg	100	92	8.5	75-125	20	
Chromium	13.7	100	100	111	105	mg/Kg	97	91	5.6	75-125	20	
Cobalt	8.16	100	100	105	98.5	mg/Kg	97	90	6.4	75-125	20	
Copper	14.2	100	100	112	107	mg/Kg	95	90	4.6	75-125	20	
Lead	15.9	100	100	108	111	mg/Kg	92	95	2.7	75-125	20	
Molybdenum	0.64	100	100	97.6	91.9	mg/Kg	97	91	6.0	75-125	20	

QCBatchID: QC1213460**Analyst: msanchez****Method: EPA 6010B****Matrix: Solid****Analyzed: 01/13/2020****Instrument: AAICP (group)**

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1213460MS1, QC1213460MSD1											Source: 422350-047	
Nickel	11.4	100	100	107	102	mg/Kg	96	91	4.8	75-125	20	
Selenium	ND	100	100	90.9	86.6	mg/Kg	91	87	4.8	75-125	20	
Silver	ND	100	100	84.4	72.3	mg/Kg	84	72	15.4	75-125	20	M
Thallium	2.58	100	100	99.0	94.3	mg/Kg	96	92	4.9	75-125	20	
Vanadium	30.4	100	100	130	124	mg/Kg	100	94	4.7	75-125	20	
Zinc	52.0	100	100	154	146	mg/Kg	102	94	5.3	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: 422350
 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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION					Analysis Request						Test Instructions / Comments												
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold														
Report To:	Patrick Cullip	Number:	210886002																						
Email:	pcullip@ninyoandmoore.com	P.O. #:																							
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue																						
	Irvine, CA 92618		Compton, CA 90220																						
Phone:	(949) 753-7070	Global ID:																							
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT																						
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																				
1	A005-B5SW-0.5	12/5/19	0820	SOIL	1-802 jar											ICE	X								
2	A005-B5SW-1.5		0824													ICE				X					Hold
3	A005-B5SW-2.5		0827			ICE				X					Hold										
4	A005-B5SS-0.5		0827			ICE	X																		
5	A005-B5SS-1.5		0829			ICE				X					Hold										
6	A005-B5SS-2.5		0832			ICE				X					Hold										
7	A005-B5SE-0.5		0814			ICE	X																		
8	A005-B5SE-1.5		0820			ICE				X					Hold										
9	A005-B5SE-2.5		0823			ICE				X					Hold										
10	A005-B8E-0.5		0840			ICE	X																		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N&M	12/5/19 1530
1 Received By:		Henry G.	EA	12/5/19 16:30
2 Relinquished By:		Henry G.	EA	12/5/19 17:13
2 Received By:		Justine Castro	EA	12/5/19 17:13
3 Relinquished By:				
3 Received By:				

Chain of Custody Record

Lab No: _____

Page: 2 of 9

Turn Around Time (rush by advanced notice)

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

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp: _____
 (lab use only)

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

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments											
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold												
Report To:	Patrick Cullip	Number:	210886002																				
Email:	pcullip@ninyoandmoore.com	P.O. #:																					
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue																				
	Irvine, CA 92618		Compton, CA 90220																				
Phone:	(949) 753-7070	Global ID:																					
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT																				
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																		
1	A005-B8E-1.5	12/5/19	0845	SOIL	1-803 jar										ICE								Hold
2	A005-B8E-2.5		0847												ICE								Hold
3	A005-B8SE-0.5		0842			ICE	X																
4	A005-B8SE-1.5		0844			ICE								Hold									
5	A005-B8SE-2.5		0846			ICE								Hold									
6	A005-B8NE-0.5		0849			ICE	X																
7	A005-B8NE-1.5		0852			ICE								Hold									
8	A005-B8NE-2.5		0855			ICE								Hold									
9	A005-B8NN-0.5		0859			ICE	X																
10	A005-B8NN-1.5		0802			ICE								Hold									

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	12/5/19 1530
1 Received By:		Henri G.	EA	12/5/19 15:30
2 Relinquished By:		Henri G.	EA	12/5/19 17:30 ^{HR}
2 Received By:				12/5/19 1713
3 Relinquished By:				
3 Received By:				

17.13



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

Chain of Custody Record		Turn Around Time (rush by advanced notice)			
Lab No:		Standard:	X	5 Day:	3 Day:
Page:	3 of 9	2 Day:		1 Day:	Custom TAT:
Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: (lab use only)	

CUSTOMER INFORMATION		PROJECT INFORMATION					Analysis Request					Test Instructions / Comments											
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold												
Report To:	Patrick Cullip	Number:	210886002																				
Email:	pcullip@ninyoandmoore.com	P.O. #:																					
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue																				
	Irvine, CA 92618		Compton, CA 90220																				
Phone:	(949) 753-7070	Global ID:																					
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT																				
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																		
1	A005-B8NN-2.5	12/5/19	0905	SOIL	1-8oz jar										ICE								Hold
2	A005-B8NW-0.5		0907												ICE	X							
3	A005-B8NW-1.5		0910			ICE					X			Hold									
4	A005-B8NW-2.5		0912			ICE					X			Hold									
5	A005-B8SW-0.5		0910			ICE	X																
6	A005-B8SW-1.5		0913			ICE					X			Hold									
7	A005-B8SW-2.5		0915			ICE					X			Hold									
8	A005-B8WW-0.5		0917			ICE	X																
9	A005-B8WW-1.5		0920			ICE					X			Hold									
10	A005-B8WW-2.5		0922			ICE					X			Hold									

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	N&M	12/5/19 1530
¹ Received By:		Henri G.	EA	12/5/19 15:30
² Relinquished By:		Henri G.	EA	12/5/19 17:13
² Received By:				12/5/19 1713
³ Relinquished By:				
³ Received By:				



Chain of Custody Record

Lab No: _____

Page: 4 of 9

Turn Around Time (rush by advanced notice)

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

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp: _____
 (lab use only)

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

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request					Test Instructions / Comments	
Company:	Ninyo & Moore	Name:	Compton High School PEA	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold	
Report To:	Patrick Cullip	Number:	210886002							
Email:	pcullip@ninyoandmoore.com	P.O. #:								
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue							
	Irvine, CA 92618		Compton, CA 90220							
Phone:	(949) 753-7070	Global ID:								
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT							

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold	Test Instructions / Comments
1 ACC5-B8SS-0.5	12/5/19	0921	Soil	1-8oz jar	ICE	X						
2 ACC5-B8SS-1.5		0923			ICE					X	Hold	
3 ACC5-B8SS-2.5		0926			ICE					X	Hold	
4 ACC5-B12SW-0.5		0942			ICE	X						
5 ACC5-B12SW-1.5		0945			ICE					X	Hold	
6 ACC5-B12SW-2.5		0946			ICE					X	Hold	
7 ACC5-B12SS-0.5		0946			ICE	X						
8 ACC5-B12SS-1.5		0950			ICE					X	Hold	
9 ACC5-B12SS-2.5		0954			ICE					X	Hold	
10 ACC5-B12SE-0.5		0954			ICE	X						

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	12/5/19 1530
1 Received By:		Henri G.	H: EA	12/5/19 15:30
2 Relinquished By:		Henri G.	EA	12/5/19 17:13
2 Received By:				12/5/19 1713
3 Relinquished By:				
3 Received By:				



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

Chain of Custody Record

Lab No: _____ Page: 5 of 9

Turn Around Time (rush by advanced notice)

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

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp: _____
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments											
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold												
Report To:	Patrick Cullip	Number:	210886002																				
Email:	pcullip@ninyoandmoore.com	P.O. #:																					
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue																				
	Irvine, CA 92618		Compton, CA 90220																				
Phone:	(949) 753-7070	Global ID:																					
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT																				
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																		
1	A005-B12SE-1.5	12/5/19	0957	Soil	1-8oz jar										ICE								Hold
2	A005-B12SE-2.5		1001												ICE								Hold
3	A005-B13WW-0.5		0957			ICE	X																
4	A005-B13WW-1.5		1000			ICE								Hold									
5	A005-B13WW-2.5		1004			ICE								Hold									
6	A005-B13SW-0.5		1009			ICE	X																
7	A005-B13SW-1.5		1012			ICE								Hold									
8	A005-B13SW-2.5		1015			ICE								Hold									
9	A005-B13SS-0.5		1009			ICE	X																
10	A005-B13SS-1.5		1013			ICE								Hold									

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	12/5/19 1530
1 Received By:		Henri G.	EA	12/5/19 15:30
2 Relinquished By:		Henri G.	EA	12/5/19 17:13
2 Received By:				12/5/19 1712
3 Relinquished By:				
3 Received By:				



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

Chain of Custody Record

Lab No: _____

Page: 6 of 9

Standard: X 5 Day: _____ 3 Day: _____

2 Day: _____ 1 Day: _____ Custom TAT: _____

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp: _____
 (lab use only)

CUSTOMER INFORMATION PROJECT INFORMATION Analysis Request Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	<u>pcullip@ninyoandmoore.com</u>	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold							
1 AOC5-B13SS-2.5	12/5/19	1016	SOIL	1-8oz jar	ICE						X							Hold
2 AOC5-B13SE-0.5		1022			ICE	X												
3 AOC5-B13SE-1.5		1024			ICE							X						Hold
4 AOC5-B13SE-2.5		1027			ICE							X						Hold
5 AOC5-B14SW-0.5		1025			ICE	X												
6 AOC5-B14SW-1.5		1027			ICE							X						Hold
7 AOC5-B14SW-2.5		1029			ICE							X						Hold
8 AOC5-B14SSS-0.5		1039			ICE	X												
9 AOC5-B14SSS-1.5		1040			ICE							X						Hold
10 AOC5-B14SSS-2.5		1042			ICE							X						Hold

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	12/5/19 1530
1 Received By:		Henri G.	EA	12/5/19 15:30
2 Relinquished By:		Henri G.	EA	12/5/19 17:13
2 Received By:				12/5/19 1713
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 Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION PROJECT INFORMATION Analysis Request Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold								
1 AOC5-B14SS-0.5	12/5/19	1044	SOIL	1-8oz jar	ICE	X													
2 AOC5-B14SS-1.5		1046			ICE						X								Hold
3 AOC5-B14SS-2.5		1050			ICE						X								Hold
4 AOC5-B14NN-0.5		1039			ICE	X													
5 AOC5-B14NN-1.5		1041			ICE						X								Hold
6 AOC5-B14NN-2.5		1044			ICE						X								Hold
7 AOC5-B14NW-0.5		1049			ICE	X													
8 AOC5-B14NW-1.5		1053			ICE						X								Hold
9 AOC5-B14NW-2.5		1055			ICE						X								Hold
10 AOC5-B17NE-0.5		1120			ICE	X													

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carrill	N & M	12/5/19 15:30
¹ Received By:		Henri G.	EA	12/5/19 15:30
² Relinquished By:		Henri G.	EA	12/5/19 17:13
² Received By:				12/5/19 17:13
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

Turn Around Time (rush by advanced notice only)

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9

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold								
1 ACC5-B17NE-1.5	12/5/19	1124	Soil	1-8oz jar	ICE	X					X								Hold
2 ACC5-B17NE-2.5		1128			ICE						X								Hold
3 ACC5-B17E-0.5		1115			ICE	X													
4 ACC5-B17E-1.5		1118			ICE						X								Hold
5 ACC5-B17E-2.5		1121			ICE						X								Hold
6 ACC5-B25NW-0.5		1108			ICE	X													
7 ACC5-B25NW-1.5		1110			ICE						X								Hold
8 ACC5-B25NW-2.5		1113			ICE						X								Hold
9 ACC5-B21SW-0.5		1127			ICE	X													
10 ACC5-B21SW-1.5		1129			ICE						X								Hold

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	12/5/19 1530
1 Received By:		Henni G.	EA	12/5/19 1530
2 Relinquished By:		Henni G.	EA	12/5/19 1713
2 Received By:				12/5/19 1713
3 Relinquished By:				
3 Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

Turn Around Time (rush by advanced notice only)

Lab No:

Page: 9 of 9

Standard: X

2 Day:

5 Day:

1 Day:

3 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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold	Test Instructions / Comments
1 AOC5-B21SW-2.5	12/5/19	1131	SOIL	802-Jar	ICE						X	Hold
2 AOC5-B21NW-0.5		1137			ICE	X						
3 AOC5-B21NW-1.5		1143			ICE					X		Hold
4 AOC5-B21NW-2.5		1145			ICE					X		Hold
5 AOC5-B21WW-0.5		1140			ICE	X						
6 AOC5-B21WW-1.5		1143			ICE					X		Hold
7 AOC5-B21NW-2.5		1145			ICE					X		Hold
8 AOC1-E-B11SS-0.5		1326			ICE	X						Hold AUC 12/5/19
9 AOC1-E-B11SS-1.5		1330			ICE					X		Hold AUC 12/5/19
10 AOC1-E-B11SS-2.5		1333			ICE					X		Hold AUC 12/5/19

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Camell	N & M	12/5/19 1530
1 Received By:		Henri G.	EA	12/5/19 15:30
2 Relinquished By:		Henri G.	EA	12/5/19 17:13
2 Received By:				12/5/19 17:13
3 Relinquished By:				
3 Received By:				



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore
Date Received: 12/5/19

Project: _____
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: 8.9 #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: 6.2 #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: [Signature] Date: 12/5/19

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

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



Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments	
----------------------	--	---------------------	--	--	--	------------------	--	--	--	--	--	------------------------------	--

Company:	Ninyo & Moore	Name:	Compton High School PEA		Lead (6010B) TPHg,d,o (8015B/5035) VOCs (8260B/5035) TPHg,d,o (8015B) VOCs (8260B)									
Report To:	Patrick Cullip	Number:	210886002											
Email:	<u>pcullip@ninyoandmoore.com</u>	P.O. #:												
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue											
	Irvine, CA 92618		Compton, CA 90220											
Phone:	(949) 753-7070	Global ID:												
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT											

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold				
1 ACCI-E-BI2SS-0.5	12/5/19	1328	SOIL	1-8oz jar	ICE	X									
2 ACCI-E-BI2SS-1.5		1330			ICE						X				Hold
3 ACCI-E-BI2SS-2.5		1332			ICE						X				Hold
4 ACCI-E-BBNE-0.5		1339			ICE	X					X				
5 ACCI-E-BBNE-1.5		1342			ICE						X				Hold
6 ACCI-E-BBNE-2.5		1344			ICE						X				Hold
7 ACCI-E-BANW-0.5		1340			ICE	X					X				
8 ACCI-E-BANW-1.5		1343			ICE						X				Hold
9 ACCI-E-BANW-2.5		1348			ICE						X				Hold
10 ACCI-E-BI2SS-0.5		1419			ICE	X									

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	N & M	12/5/19 @ 1803
¹ Received By:		OKin	SA	12/5/19 1803
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				

OKA



ENTHALPY ANALYTICAL

Chain of Custody Record

Turn Around Time (rush by advanced notice only)

Lab No:

Standard: **X**

5 Day:

3 Day:

Page: **2** of **4**

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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT

Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold															
--------------	-----------------------	-------------------	------------------	--------------	------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold										
1 AOC1-E-B2SS-1.5	12/5/19	1422	SOIL	1-8oz jar	ICE						X										Hold
2 AOC1-E-B2SS-2.5		1425			ICE						X										Hold
3 AOC1-E-B2SE-0.5		1418			ICE	X															
4 AOC1-E-B2SE-1.5		1421			ICE						X										Hold
5 AOC1-E-B2SE-2.5		1422			ICE						X										Hold
6 AOC1-E-B2NN-0.5		1429			ICE	X															
7 AOC1-E-B2NN-1.5		1431			ICE						X										Hold
8 AOC1-E-B2NN-2.5		1434			ICE						X										Hold
9 AOC1-E-B2NE-0.5		1427			ICE	X															
10 AOC1-E-B2NE-1.5		1429			ICE						X										Hold

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	N & M	12/5/19 1803
¹ Received By:		G Kim	EA	12/5/19 1807
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:

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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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold								
1 AOC1-E-B2NE-2.5	12/5/19	1431	soil	1-8oz jar	ICE						X								Hold
2 AOC1-E-B1NW-0.5		1439			ICE	X													
3 AOC1-E-B1NW-1.5		1441			ICE						X								Hold
4 AOC1-E-B1NW-2.5		1444			ICE						X								Hold
5 AOC1-E-B1NW-0.5		1451			ICE	X													
6 AOC1-E-B1NW-1.5		1454			ICE						X								Hold
7 AOC1-E-B1NW-2.5		1458			ICE						X								Hold
8 AOC1-E-B6NW-0.5		1442			ICE	X													
9 AOC1-E-B6NW-1.5		1446			ICE						X								Hold
10 AOC1-E-B6NW-2.5		1448			ICE						X								Hold

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carrill	N&M	12/5/19 1803
¹ Received By:		G.K. / m	EA	12/5/19 1803
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:

Page: **4** of **4**

Standard: **X**

2 Day:

5 Day:

1 Day:

3 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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

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1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200 Irvine, CA 92618	Address:	601 South Acacia Avenue Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold									
1 AOC1-E-BI1SS-0.5	12/5/19	1326	SOil	1-8oz Jar	ICE	X														
2 AOC1-E-BI1SS-1.5	↓	1330	↓	↓	ICE						X									Hold
3 AOC1-E-BI1SS-2.5	↓	1333	↓	↓	ICE						X									Hold
4 EB-120519A	↓	17:42	W	various	ICE	X		X	X											
5 EB-120519A	↓	17:42	W	various	ICE	X		X	X											
6					ICE															
7					ICE															
8					ICE															
9					ICE															
10					ICE															

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	N & M	12/5/19 1803
¹ Received By:		G Kim	EA	12/5/19 1803
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: 12/5/19

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: 3.4 #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: 0.9 #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: [Signature] Date: 12/5/19

Ranjit Clarke

From: Audrey Carroll <acarroll@ninyoandmoore.com> on behalf of Audrey Carroll
Sent: Friday, December 06, 2019 8:15 AM
To: Ranjit Clarke
Cc: Jay Roberts; Patrick J. Cullip; Linda Ton
Subject: Compton HS

Flag Status: Flagged

Hi Ranjit,

For our samples we dropped off last night, the Duplicate samples were missed on the COC. These samples should be analyzed for Lead (6010B).

DUP-59

DUP-60

DUP-61

DUP-62

DUP-63

DUP-64

DUP-65

DUP-66

DUP-67

I am very sorry this was missed,

Audrey Carroll
Staff Geologist
Ninyo & Moore
Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200 | Irvine, CA 92618
(949) 753-7070 ext. 12268



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: **422350**

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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

Company: Ninyo & Moore
 Report To: Patrick Cullip
 Email: pcullip@ninyoandmoore.com
 Address: 475 Goddard, Suite 200
 Irvine, CA 92618
 Phone: (949) 753-7070
 Fax: (949) 753-7071

PROJECT INFORMATION

Name: Compton High School PEA
 Number: 210886002
 P.O. #:
 Address: 601 South Acacia Avenue
 Compton, CA 90220
 Global ID:
 Sampled By: AUC & CX & LNT

Analysis Request

Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold															
--------------	-----------------------	-------------------	------------------	--------------	------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Test Instructions / Comments

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold										
1 DUP-59	12/5/19	NA	SOIL	1-8oz jar	ICE	X															
2 DUP-60					ICE	X															
3 DUP-61					ICE	X															
4 DUP-62					ICE	X															
5 DUP-63					ICE	X															
6 DUP-64					ICE	X															
7 DUP-65					ICE	X															
8 DUP-66					ICE	X															
9 DUP-67					ICE	X															
10					ICE	X															

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carrell	N & M	12/6/19 1821
¹ Received By:		ZAIN PADILLA	EA/GL	12/6/19 1821
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 422350
 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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION	PROJECT INFORMATION	Analysis Request	Test Instructions / Comments
----------------------	---------------------	------------------	------------------------------

Company: Ninyo & Moore	Name: Compton High School PEA	Analysis Request Lead (6010B) <input type="checkbox"/> TPHg,d,o (8015B/5035) <input type="checkbox"/> VOCs (8260B/5035) <input type="checkbox"/> TPHg,d,o (8015B) <input type="checkbox"/> VOCs (8260B) <input type="checkbox"/> Hold <input type="checkbox"/>	
Report To: Patrick Cullip	Number: 210886002		
Email: pcullip@ninyoandmoore.com	P.O. #: <u> </u>		
Address: 475 Goddard, Suite 200 Irvine, CA 92618	Address: 601 South Acacia Avenue Compton, CA 90220		
Phone: (949) 753-7070	Global ID: <u> </u>		
Fax: (949) 753-7071	Sampled By: AUC & LNT		

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold	Test Instructions / Comments
1 AOC1-E-B6WW-0.5	12/5/19	1452	Soil	1-8oz jar	ICE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2 AOC1-E-B6WW-1.5	↓	1454	↓	↓	ICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold	
3 AOC1-E-B6WW-2.5	↓	1456	↓	↓	ICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hold	
4					ICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5					ICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6					ICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7					ICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8					ICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9					ICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10					ICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	N & M	12/9/19 1353
¹ Received By:		Elizabeth Ramirez	EA	12/9/19 1353
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				

Ranjit Clarke

From: Patrick J. Cullip <pcullip@ninyoandmoore.com> on behalf of Patrick J. Cullip
Sent: Friday, December 06, 2019 9:53 AM
To: Ranjit Clarke
Cc: Audrey Carroll; Jay Roberts; Linda Ton
Subject: Compton HS - COCs for 12/5/19

Ranjit,

For the COCs for Compton HS (210886002) for the samples that were picked up yesterday, please remove the TPHg, d, & o (8015B) and VOCs (8260B) analyses from samples EB-120519A and EB-120519B. These two samples should only be analyzed for lead (6010B).

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

30 Years of Quality Service



From: [Patrick J. Cullip](#)
To: [Ranjit Clarke](#)
Cc: [Audrey Carroll](#); [Jay Roberts](#)
Subject: RE: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350
Date: Monday, December 16, 2019 8:34:49 AM

One minor correction to my request. It should be AOC5-B14SSS-1.5, not AOC-B14SSS-0.5.

From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Monday, December 16, 2019 8:32 AM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Cc: Audrey Carroll <acarroll@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>
Subject: Re: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350

Will do.

On Mon, Dec 16, 2019 at 8:25 AM Patrick J. Cullip <pcullip@ninyoandmoore.com> wrote:

Ranjit,

Please analyze the following samples for lead by 6010B on normal TAT:

- AOC5-B5SE-1.5
- AOC5-B8NN-1.5
- AOC5-B8NW-1.5
- AOC5-B12SS-1.5
- AOC5-B12SE-1.5
- AOC5-B13WW-1.5
- AOC5-B14SW-1.5
- AOC5-B14SSS-0.5
- AOC5-B14SS-1.5
- AOC5-B14NN-1.5
- AOC5-B25WW-1.5
- AOC5-B21SW-1.5
- AOC5-B21NW-1.5
- AOC1-E-B1WW-1.5
- AOC1-E-B11SS-1.5

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Friday, December 13, 2019 5:40 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350

Hi Patrick Cullip,

Attached is your final report #422350. Several samples exceeded the TCLP and STLC Lead limits. Please let me know if you require these to be analyzed, as well as any hold samples.

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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Ranjit Clarke

From: Patrick J. Cullip <pcullip@ninyoandmoore.com> on behalf of Patrick J. Cullip
Sent: Thursday, January 02, 2020 12:10 PM
To: Ranjit Clarke
Cc: Jay Roberts; Audrey Carroll
Subject: RE: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350 - Supplemental Report 1

Follow Up Flag: Follow up
Flag Status: Flagged

Ranjit,

Please run these samples for lead by 6010B, normal TAT.

- AOC5-B14SSS-2.5
- AOC5-B25WW-2.5

Also, I can't find the result for AOC5-B14NN-1.5.

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Monday, December 23, 2019 5:42 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350 - Supplemental Report 1

Hi Patrick Cullip,

Attached is your final report #422350. **Supplemental Report 1 - Additional analyses requested on 12/16/19 are now reported herein.**

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.

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Ranjit Clarke

From: Patrick J. Cullip <pcullip@ninyoandmoore.com> on behalf of Patrick J. Cullip
Sent: Thursday, January 09, 2020 8:23 AM
To: Ranjit Clarke
Cc: Jay Roberts; Audrey Carroll
Subject: RE: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350 - Supplemental Report 2

Ranjit,

Please run samples AOC5-B13SW-1.5 and AOC5-B14NN-2.5 for lead by 6010B. Normal TAT.

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Wednesday, January 8, 2020 4:58 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: Compton High School PEA (12/05/19) - Enthalpy Analytical Final Report #422350 - Supplemental Report 2

Hi Patrick Cullip,

Attached is your final report #422350. Supplemental Report 2 - Additional analyses requested on 12/16/19 and 01/02/20 are now reported herein.

Thank you.

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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



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

Lab Request: 422519
Report Date: 12/23/2019
Date Received: 12/06/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia Avenue, Compton, CA 90220

Supplemental Report 1 - Additional analyses requested on 12/17/19 are now included herein.

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.

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>
422519-001	AOC4-SV12WW-5'	422519-025	AOC1-W-B22WW-0.5'	422519-049	AOC1-W-B6SW-0.5'
422519-002	AOC4-SV12WW-10'	422519-026	AOC1-W-B22WW-1.5'	422519-050	AOC1-W-B6SW-1.5'
422519-003	AOC4-SV12WW-15'	422519-027	AOC1-W-B22WW-2.5'	422519-051	AOC1-W-B6SW-2.5'
422519-004	AOC4-SV12WW-20'	422519-028	AOC1-W-B23NW-0.5'	422519-052	AOC1-W-B6SS-0.5'
422519-005	AOC4-SV12WW-25'	422519-029	AOC1-W-B23NW-1.5'	422519-053	AOC1-W-B6SS-1.5'
422519-006	AOC4-SV12WW-30'	422519-030	AOC1-W-B23NW-2.5'	422519-054	AOC1-W-B6SS-2.5'
422519-007	AOC4-SV12WW-35'	422519-031	AOC1-W-B23NE-0.5'	422519-055	AOC1-W-B6SE-0.5'
422519-008	AOC4-SV12WW-40'	422519-032	AOC1-W-B23NE-1.5'	422519-056	AOC1-W-B6SE-1.5'
422519-009	AOC4-SV12WW-45'	422519-033	AOC1-W-B23NE-2.5'	422519-057	AOC1-W-B6SE-2.5'
422519-010	AOC4-SV12WW-GW	422519-034	AOC1-W-B23EE-0.5'	422519-058	DUP-69
422519-011	AOC4-SV11SS-5'	422519-035	AOC1-W-B23EE-1.5'	422519-059	DUP-70
422519-012	AOC4-SV11SS-10'	422519-036	AOC1-W-B23EE-2.5'	422519-060	EB-120619A
422519-013	AOC4-SV11SS-15'	422519-037	AOC1-W-B26WW-0.5'	422519-061	EB-120619B
422519-014	AOC4-SV11SS-20'	422519-038	AOC1-W-B26WW-1.5'	422519-062	EB-120619C
422519-015	AOC4-SV11SS-25'	422519-039	AOC1-W-B26WW-2.5'	422519-063	Trip Blank A
422519-016	AOC4-SV11SS-30'	422519-040	AOC1-W-B26SW-0.5'	422519-064	Trip Blank B
422519-017	AOC4-SV11SS-35'	422519-041	AOC1-W-B26SW-1.5'	422519-065	Trip Blank C
422519-018	AOC4-SV11SS-40'	422519-042	AOC1-W-B26SW-2.5'		
422519-019	AOC4-SV11SS-45'	422519-043	AOC1-W-B27EE-0.5'		
422519-020	AOC4-SV11SS-50'	422519-044	AOC1-W-B27EE-1.5'		
422519-021	AOC4-SV11SS-55'	422519-045	AOC1-W-B27EE-2.5'		
422519-022	AOC1-W-B22NW-0.5'	422519-046	AOC1-W-B27SE-0.5'		
422519-023	AOC1-W-B22NW-1.5'	422519-047	AOC1-W-B27SE-1.5'		
422519-024	AOC1-W-B22NW-2.5'	422519-048	AOC1-W-B27SE-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.

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.

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:03	Site:	
Sample #: <u>422519-001</u>	Client Sample #: AOC4-SV12WW-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: 12/06/2019 10:06	Site:	
Sample #: <u>422519-002</u>	Client Sample #: AOC4-SV12WW-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: 12/06/2019 10:11	Site:	
Sample #: <u>422519-003</u>	Client Sample #: AOC4-SV12WW-15'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>N/A</i>	Prep Method: <i>N/A</i>	1					QCBatchID:	
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212678	
TPH Gasoline	ND	0.79	0.18881	2.37	mg/Kg	12/18/19	LZ	
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				
4-Bromofluorobenzene (SUR)	115			60-140				
Method: EPA 8015M	Prep Method: EPA 3580A						QCBatchID: QC1212786	
DRO (C10 to C28)	ND	1	10	10	mg/Kg	12/19/19	12/19/19	TW
ORO (C28 to C40)	ND	1	10	10	mg/Kg	12/19/19	12/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				
Triacotane (SUR)	115			50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212681	
1,1,1,2-Tetrachloroethane	ND	0.9	0.216	4.5	ug/Kg	12/18/19	ZZ	
1,1,1-Trichloroethane	ND	0.9	0.135	4.5	ug/Kg	12/18/19	ZZ	
1,1,2,2-Tetrachloroethane	ND	0.9	0.261	4.5	ug/Kg	12/18/19	ZZ	
1,1,2-Trichloroethane	ND	0.9	0.198	4.5	ug/Kg	12/18/19	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	0.9	0.666	4.5	ug/Kg	12/18/19	ZZ	
1,1-Dichloroethane	ND	0.9	0.207	4.5	ug/Kg	12/18/19	ZZ	
1,1-Dichloroethene	ND	0.9	0.162	4.5	ug/Kg	12/18/19	ZZ	
1,1-Dichloropropene	ND	0.9	0.189	4.5	ug/Kg	12/18/19	ZZ	
1,2,3-Trichlorobenzene	ND	0.9	0.162	4.5	ug/Kg	12/18/19	ZZ	
1,2,3-Trichloropropane	ND	0.9	0.18	4.5	ug/Kg	12/18/19	ZZ	
1,2,4-Trichlorobenzene	ND	0.9	0.297	4.5	ug/Kg	12/18/19	ZZ	
1,2,4-Trimethylbenzene	ND	0.9	0.252	4.5	ug/Kg	12/18/19	ZZ	
1,2-Dibromo-3-chloropropane	ND	0.9	0.18	4.5	ug/Kg	12/18/19	ZZ	
1,2-Dibromoethane	ND	0.9	0.108	4.5	ug/Kg	12/18/19	ZZ	
1,2-Dichlorobenzene	ND	0.9	0.162	4.5	ug/Kg	12/18/19	ZZ	
1,2-Dichloroethane	ND	0.9	0.126	4.5	ug/Kg	12/18/19	ZZ	
1,2-Dichloropropane	ND	0.9	0.306	4.5	ug/Kg	12/18/19	ZZ	
1,3,5-Trimethylbenzene	ND	0.9	0.207	4.5	ug/Kg	12/18/19	ZZ	
1,3-Dichlorobenzene	ND	0.9	0.189	4.5	ug/Kg	12/18/19	ZZ	
1,3-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg	12/18/19	ZZ	
1,4-Dichlorobenzene	ND	0.9	0.216	4.5	ug/Kg	12/18/19	ZZ	
2,2-Dichloropropane	ND	0.9	0.171	4.5	ug/Kg	12/18/19	ZZ	
2-Butanone (MEK)	4.5 J	0.9	0.648	90	ug/Kg	12/18/19	ZZ	J
2-Chlorotoluene	ND	0.9	0.225	4.5	ug/Kg	12/18/19	ZZ	
4-Chlorotoluene	ND	0.9	0.198	4.5	ug/Kg	12/18/19	ZZ	
4-Isopropyltoluene	ND	0.9	0.243	4.5	ug/Kg	12/18/19	ZZ	
4-Methyl-2-pentanone (MIBK)	ND	0.9	0.153	4.5	ug/Kg	12/18/19	ZZ	
Acetone	ND	0.9	45	90	ug/Kg	12/18/19	ZZ	
Allyl Chloride	ND	0.9	0.126	4.5	ug/Kg	12/18/19	ZZ	
Benzene	0.53 J	0.9	0.162	4.5	ug/Kg	12/18/19	ZZ	J
Bromobenzene	ND	0.9	0.27	4.5	ug/Kg	12/18/19	ZZ	
Bromochloromethane	ND	0.9	0.162	4.5	ug/Kg	12/18/19	ZZ	
Bromodichloromethane	ND	0.9	0.18	4.5	ug/Kg	12/18/19	ZZ	
Bromoform	ND	0.9	0.171	4.5	ug/Kg	12/18/19	ZZ	
Bromomethane	ND	0.9	0.198	4.5	ug/Kg	12/18/19	ZZ	
Carbon Tetrachloride	ND	0.9	0.162	4.5	ug/Kg	12/18/19	ZZ	
Chlorobenzene	ND	0.9	0.162	4.5	ug/Kg	12/18/19	ZZ	
Chlorodibromomethane	ND	0.9	0.171	4.5	ug/Kg	12/18/19	ZZ	
Chloroethane	ND	0.9	0.18	4.5	ug/Kg	12/18/19	ZZ	
Chloroform	ND	0.9	0.153	4.5	ug/Kg	12/18/19	ZZ	
Chloromethane	ND	0.9	0.189	4.5	ug/Kg	12/18/19	ZZ	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:11	Site:	
Sample #: <u>422519-003</u>	Client Sample #: AOC4-SV12WW-15'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	0.9	0.18	4.5	ug/Kg		12/18/19	ZZ
cis-1,3-dichloropropene	ND	0.9	0.18	4.5	ug/Kg		12/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		12/18/19	ZZ
Dibromomethane	ND	0.9	0.189	4.5	ug/Kg		12/18/19	ZZ
Dichlorodifluoromethane	ND	0.9	0.207	4.5	ug/Kg		12/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	0.9	0.189	4.5	ug/Kg		12/18/19	ZZ
Ethylbenzene	ND	0.9	0.207	4.5	ug/Kg		12/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	0.9	0.378	4.5	ug/Kg		12/18/19	ZZ
Hexachlorobutadiene	ND	0.9	0.378	4.5	ug/Kg		12/18/19	ZZ
Isopropylbenzene	ND	0.9	0.225	4.5	ug/Kg		12/18/19	ZZ
m and p-Xylene	ND	0.9	0.342	4.5	ug/Kg		12/18/19	ZZ
Methylene chloride	4.0 J	0.9	0.189	4.5	ug/Kg		12/18/19	ZZ J
Methyl-t-butyl Ether (MTBE)	ND	0.9	0.153	4.5	ug/Kg		12/18/19	ZZ
Naphthalene	ND	0.9	0.144	4.5	ug/Kg		12/18/19	ZZ
N-butylbenzene	ND	0.9	0.225	4.5	ug/Kg		12/18/19	ZZ
N-propylbenzene	ND	0.9	0.198	4.5	ug/Kg		12/18/19	ZZ
o-Xylene	ND	0.9	0.171	4.5	ug/Kg		12/18/19	ZZ
Sec-butylbenzene	ND	0.9	0.252	4.5	ug/Kg		12/18/19	ZZ
Styrene	ND	0.9	0.117	4.5	ug/Kg		12/18/19	ZZ
t-Butyl alcohol (TBA)	ND	0.9	7.92	9	ug/Kg		12/18/19	ZZ
Tert-amylmethylether (TAME)	ND	0.9	0.171	4.5	ug/Kg		12/18/19	ZZ
Tert-butylbenzene	ND	0.9	0.306	4.5	ug/Kg		12/18/19	ZZ
Tetrachloroethene	ND	0.9	0.207	4.5	ug/Kg		12/18/19	ZZ
Toluene	0.43 J	0.9	0.153	4.5	ug/Kg		12/18/19	ZZ J
trans-1,2-dichloroethene	ND	0.9	0.171	4.5	ug/Kg		12/18/19	ZZ
trans-1,3-dichloropropene	ND	0.9	0.162	4.5	ug/Kg		12/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	0.9	0.18	4.5	ug/Kg		12/18/19	ZZ
Trichloroethene	ND	0.9	0.207	4.5	ug/Kg		12/18/19	ZZ
Trichlorofluoromethane	ND	0.9	0.207	4.5	ug/Kg		12/18/19	ZZ
Vinyl Chloride	ND	0.9	0.126	4.5	ug/Kg		12/18/19	ZZ
Xylenes (Total)	ND	0.9	0.342	4.5	ug/Kg		12/18/19	ZZ
<u>Surrogate</u>			<u>% Recovery</u>		<u>Limits</u>			<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)			120		70-145			
4-Bromofluorobenzene (SUR)			106		70-145			
Dibromofluoromethane (SUR)			101		70-145			
Toluene-d8 (SUR)			94		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:15	Site:	
Sample #: <u>422519-004</u>	Client Sample #: AOC4-SV12WW-20'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1209387		
TPH Gasoline	120	24	5.736	72	mg/Kg		12/14/19	EW
<i>Surrogate</i>	<i>% Recovery</i>							<i>Limits</i>
4-Bromofluorobenzene (SUR)	135							60-140
Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1209720		
DRO (C10 to C28)	20	1	10	10	mg/Kg	12/09/19	12/10/19	TW
ORO (C28 to C40)	ND	1	10	10	mg/Kg	12/09/19	12/10/19	TW
<i>Surrogate</i>	<i>% Recovery</i>							<i>Limits</i>
Triacontane (SUR)	107							50-150
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1209822		
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		12/12/19	ZZ
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		12/12/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		12/12/19	ZZ
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		12/12/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		12/12/19	ZZ
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		12/12/19	ZZ
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		12/12/19	ZZ
1,2,4-Trimethylbenzene	27	1	0.28	5	ug/Kg		12/12/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		12/12/19	ZZ
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		12/12/19	ZZ
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		12/12/19	ZZ
1,3,5-Trimethylbenzene	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		12/12/19	ZZ
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		12/12/19	ZZ
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
2-Butanone (MEK)	5.6 J	1	0.72	100	ug/Kg		12/12/19	ZZ J
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		12/12/19	ZZ
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		12/12/19	ZZ
4-Isopropyltoluene	32	1	0.27	5	ug/Kg		12/12/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		12/12/19	ZZ
Acetone	ND	1	50	100	ug/Kg		12/12/19	ZZ
Allyl Chloride	ND	1	0.14	5	ug/Kg		12/12/19	ZZ
Benzene	2.0 J	1	0.18	5	ug/Kg		12/12/19	ZZ J
Bromobenzene	ND	1	0.3	5	ug/Kg		12/12/19	ZZ
Bromochloromethane	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
Bromodichloromethane	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
Bromoform	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
Bromomethane	ND	1	0.22	5	ug/Kg		12/12/19	ZZ
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
Chlorobenzene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
Chloroethane	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
Chloroform	ND	1	0.17	5	ug/Kg		12/12/19	ZZ
Chloromethane	ND	1	0.21	5	ug/Kg		12/12/19	ZZ
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		12/12/19	ZZ

Matrix: Solid

Client: Ninyo & Moore

Collector: Client

Sampled: 12/06/2019 10:15

Site:

Sample #: 422519-004

Client Sample #: AOC4-SV12WW-20'

Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1	0.21	5	ug/Kg		12/12/19	ZZ
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		12/12/19	ZZ
Ethylbenzene	190	1	0.23	5	ug/Kg		12/12/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		12/12/19	ZZ
Hexachlorobutadiene	ND	1	0.42	5	ug/Kg		12/12/19	ZZ
Isopropylbenzene	130	1	0.25	5	ug/Kg		12/12/19	ZZ
m and p-Xylene	ND	1	0.38	5	ug/Kg		12/12/19	ZZ
Methylene chloride	ND	1	0.21	5	ug/Kg		12/12/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1	0.17	5	ug/Kg		12/12/19	ZZ
Naphthalene	ND	1	0.16	5	ug/Kg		12/12/19	ZZ
N-butylbenzene	35	1	0.25	5	ug/Kg		12/12/19	ZZ
N-propylbenzene	170	1	0.22	5	ug/Kg		12/12/19	ZZ
o-Xylene	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
Sec-butylbenzene	55	1	0.28	5	ug/Kg		12/12/19	ZZ
Styrene	ND	1	0.13	5	ug/Kg		12/12/19	ZZ
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		12/12/19	ZZ
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
Tert-butylbenzene	ND	1	0.34	5	ug/Kg		12/12/19	ZZ
Tetrachloroethene	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
Toluene	ND	1	0.17	5	ug/Kg		12/12/19	ZZ
trans-1,2-dichloroethene	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
trans-1,3-dichloropropene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
Trichloroethene	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
Trichlorofluoromethane	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
Vinyl Chloride	ND	1	0.14	5	ug/Kg		12/12/19	ZZ
Xylenes (Total)	ND	1	0.38	5	ug/Kg		12/12/19	ZZ
<u>Surrogate</u>			<u>% Recovery</u>		<u>Limits</u>			<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)			121		70-145			
4-Bromofluorobenzene (SUR)			102		70-145			
Dibromofluoromethane (SUR)			109		70-145			
Toluene-d8 (SUR)			104		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:21	Site:	
Sample #: 422519-005	Client Sample #: AOC4-SV12WW-25'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: N/A	Prep Method: N/A	1					QCBatchID:	
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212678	
TPH Gasoline	5.1	0.93	0.22227	2.79	mg/Kg	12/18/19	LZ	
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				<i>Notes</i>
4-Bromofluorobenzene (SUR)	139			60-140				
Method: EPA 8015M	Prep Method: EPA 3580A						QCBatchID: QC1212786	
DRO (C10 to C28)	ND	1	10	10	mg/Kg	12/19/19	12/19/19	TW
ORO (C28 to C40)	ND	1	10	10	mg/Kg	12/19/19	12/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				<i>Notes</i>
Triacotane (SUR)	115			50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212681	
1,1,1,2-Tetrachloroethane	ND	1.1	0.264	5.5	ug/Kg	12/18/19	ZZ	
1,1,1-Trichloroethane	ND	1.1	0.165	5.5	ug/Kg	12/18/19	ZZ	
1,1,2,2-Tetrachloroethane	ND	1.1	0.319	5.5	ug/Kg	12/18/19	ZZ	
1,1,2-Trichloroethane	ND	1.1	0.242	5.5	ug/Kg	12/18/19	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	1.1	0.814	5.5	ug/Kg	12/18/19	ZZ	
1,1-Dichloroethane	ND	1.1	0.253	5.5	ug/Kg	12/18/19	ZZ	
1,1-Dichloroethene	ND	1.1	0.198	5.5	ug/Kg	12/18/19	ZZ	
1,1-Dichloropropene	ND	1.1	0.231	5.5	ug/Kg	12/18/19	ZZ	
1,2,3-Trichlorobenzene	ND	1.1	0.198	5.5	ug/Kg	12/18/19	ZZ	
1,2,3-Trichloropropane	ND	1.1	0.22	5.5	ug/Kg	12/18/19	ZZ	
1,2,4-Trichlorobenzene	ND	1.1	0.363	5.5	ug/Kg	12/18/19	ZZ	
1,2,4-Trimethylbenzene	2.0 J	1.1	0.308	5.5	ug/Kg	12/18/19	ZZ	J
1,2-Dibromo-3-chloropropane	ND	1.1	0.22	5.5	ug/Kg	12/18/19	ZZ	
1,2-Dibromoethane	ND	1.1	0.132	5.5	ug/Kg	12/18/19	ZZ	
1,2-Dichlorobenzene	ND	1.1	0.198	5.5	ug/Kg	12/18/19	ZZ	
1,2-Dichloroethane	ND	1.1	0.154	5.5	ug/Kg	12/18/19	ZZ	
1,2-Dichloropropane	ND	1.1	0.374	5.5	ug/Kg	12/18/19	ZZ	
1,3,5-Trimethylbenzene	ND	1.1	0.253	5.5	ug/Kg	12/18/19	ZZ	
1,3-Dichlorobenzene	ND	1.1	0.231	5.5	ug/Kg	12/18/19	ZZ	
1,3-Dichloropropane	ND	1.1	0.209	5.5	ug/Kg	12/18/19	ZZ	
1,4-Dichlorobenzene	ND	1.1	0.264	5.5	ug/Kg	12/18/19	ZZ	
2,2-Dichloropropane	ND	1.1	0.209	5.5	ug/Kg	12/18/19	ZZ	
2-Butanone (MEK)	18 J	1.1	0.792	110	ug/Kg	12/18/19	ZZ	J
2-Chlorotoluene	ND	1.1	0.275	5.5	ug/Kg	12/18/19	ZZ	
4-Chlorotoluene	ND	1.1	0.242	5.5	ug/Kg	12/18/19	ZZ	
4-Isopropyltoluene	8.6	1.1	0.297	5.5	ug/Kg	12/18/19	ZZ	
4-Methyl-2-pentanone (MIBK)	ND	1.1	0.187	5.5	ug/Kg	12/18/19	ZZ	
Acetone	89 J	1.1	55	110	ug/Kg	12/18/19	ZZ	J
Allyl Chloride	ND	1.1	0.154	5.5	ug/Kg	12/18/19	ZZ	
Benzene	0.67 J	1.1	0.198	5.5	ug/Kg	12/18/19	ZZ	J
Bromobenzene	ND	1.1	0.33	5.5	ug/Kg	12/18/19	ZZ	
Bromochloromethane	ND	1.1	0.198	5.5	ug/Kg	12/18/19	ZZ	
Bromodichloromethane	ND	1.1	0.22	5.5	ug/Kg	12/18/19	ZZ	
Bromoform	ND	1.1	0.209	5.5	ug/Kg	12/18/19	ZZ	
Bromomethane	ND	1.1	0.242	5.5	ug/Kg	12/18/19	ZZ	
Carbon Tetrachloride	ND	1.1	0.198	5.5	ug/Kg	12/18/19	ZZ	
Chlorobenzene	ND	1.1	0.198	5.5	ug/Kg	12/18/19	ZZ	
Chlorodibromomethane	ND	1.1	0.209	5.5	ug/Kg	12/18/19	ZZ	
Chloroethane	ND	1.1	0.22	5.5	ug/Kg	12/18/19	ZZ	
Chloroform	ND	1.1	0.187	5.5	ug/Kg	12/18/19	ZZ	
Chloromethane	ND	1.1	0.231	5.5	ug/Kg	12/18/19	ZZ	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:21	Site:	
Sample #: 422519-005	Client Sample #: AOC4-SV12WW-25'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	1.1	0.22	5.5	ug/Kg		12/18/19	ZZ
cis-1,3-dichloropropene	ND	1.1	0.22	5.5	ug/Kg		12/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	1.1	0.22	5.5	ug/Kg		12/18/19	ZZ
Dibromomethane	ND	1.1	0.231	5.5	ug/Kg		12/18/19	ZZ
Dichlorodifluoromethane	ND	1.1	0.253	5.5	ug/Kg		12/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	1.1	0.231	5.5	ug/Kg		12/18/19	ZZ
Ethylbenzene	29	1.1	0.253	5.5	ug/Kg		12/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1.1	0.462	5.5	ug/Kg		12/18/19	ZZ
Hexachlorobutadiene	ND	1.1	0.462	5.5	ug/Kg		12/18/19	ZZ
Isopropylbenzene	35	1.1	0.275	5.5	ug/Kg		12/18/19	ZZ
m and p-Xylene	2.5 J	1.1	0.418	5.5	ug/Kg		12/18/19	ZZ J
Methylene chloride	ND	1.1	0.231	5.5	ug/Kg		12/18/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1.1	0.187	5.5	ug/Kg		12/18/19	ZZ
Naphthalene	ND	1.1	0.176	5.5	ug/Kg		12/18/19	ZZ
N-butylbenzene	ND	1.1	0.275	5.5	ug/Kg		12/18/19	ZZ
N-propylbenzene	48	1.1	0.242	5.5	ug/Kg		12/18/19	ZZ
o-Xylene	ND	1.1	0.209	5.5	ug/Kg		12/18/19	ZZ
Sec-butylbenzene	21	1.1	0.308	5.5	ug/Kg		12/18/19	ZZ
Styrene	ND	1.1	0.143	5.5	ug/Kg		12/18/19	ZZ
t-Butyl alcohol (TBA)	36	1.1	9.68	11	ug/Kg		12/18/19	ZZ
Tert-amylmethylether (TAME)	ND	1.1	0.209	5.5	ug/Kg		12/18/19	ZZ
Tert-butylbenzene	ND	1.1	0.374	5.5	ug/Kg		12/18/19	ZZ
Tetrachloroethene	ND	1.1	0.253	5.5	ug/Kg		12/18/19	ZZ
Toluene	0.51 J	1.1	0.187	5.5	ug/Kg		12/18/19	ZZ J
trans-1,2-dichloroethene	ND	1.1	0.209	5.5	ug/Kg		12/18/19	ZZ
trans-1,3-dichloropropene	ND	1.1	0.198	5.5	ug/Kg		12/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	1.1	0.22	5.5	ug/Kg		12/18/19	ZZ
Trichloroethene	ND	1.1	0.253	5.5	ug/Kg		12/18/19	ZZ
Trichlorofluoromethane	ND	1.1	0.253	5.5	ug/Kg		12/18/19	ZZ
Vinyl Chloride	ND	1.1	0.154	5.5	ug/Kg		12/18/19	ZZ
Xylenes (Total)	2.5 J	1.1	0.418	5.5	ug/Kg		12/18/19	ZZ J
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
1,2-Dichloroethane-d4 (SUR)		117		70-145				
4-Bromofluorobenzene (SUR)		101		70-145				
Dibromofluoromethane (SUR)		102		70-145				
Toluene-d8 (SUR)		101		70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:29	Site:	
Sample #: 422519-006	Client Sample #: AOC4-SV12WW-30'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1209387		
TPH Gasoline	300	26	6.214	78	mg/Kg		12/14/19	EW
<i>Surrogate</i>	<i>% Recovery</i>							<i>Limits</i>
4-Bromofluorobenzene (SUR)	130							60-140
Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1209720		
DRO (C10 to C28)	44	1	10	10	mg/Kg	12/09/19	12/10/19	TW
ORO (C28 to C40)	ND	1	10	10	mg/Kg	12/09/19	12/10/19	TW
<i>Surrogate</i>	<i>% Recovery</i>							<i>Limits</i>
Triacontane (SUR)	111							50-150
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1209822		
1,1,1,2-Tetrachloroethane	ND	51	12.24	255	ug/Kg		12/12/19	ZZ
1,1,1-Trichloroethane	ND	51	7.65	255	ug/Kg		12/12/19	ZZ
1,1,2,2-Tetrachloroethane	ND	51	14.79	255	ug/Kg		12/12/19	ZZ
1,1,2-Trichloroethane	ND	51	11.22	255	ug/Kg		12/12/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	51	37.74	255	ug/Kg		12/12/19	ZZ
1,1-Dichloroethane	ND	51	11.73	255	ug/Kg		12/12/19	ZZ
1,1-Dichloroethene	ND	51	9.18	255	ug/Kg		12/12/19	ZZ
1,1-Dichloropropene	ND	51	10.71	255	ug/Kg		12/12/19	ZZ
1,2,3-Trichlorobenzene	ND	51	9.18	255	ug/Kg		12/12/19	ZZ
1,2,3-Trichloropropane	ND	51	10.2	255	ug/Kg		12/12/19	ZZ
1,2,4-Trichlorobenzene	ND	51	16.83	255	ug/Kg		12/12/19	ZZ
1,2,4-Trimethylbenzene	85 J	51	14.28	255	ug/Kg		12/12/19	ZZ J
1,2-Dibromo-3-chloropropane	ND	51	10.2	255	ug/Kg		12/12/19	ZZ
1,2-Dibromoethane	ND	51	6.12	255	ug/Kg		12/12/19	ZZ
1,2-Dichlorobenzene	ND	51	9.18	255	ug/Kg		12/12/19	ZZ
1,2-Dichloroethane	ND	51	7.14	255	ug/Kg		12/12/19	ZZ
1,2-Dichloropropane	ND	51	17.34	255	ug/Kg		12/12/19	ZZ
1,3,5-Trimethylbenzene	27 J	51	11.73	255	ug/Kg		12/12/19	ZZ J
1,3-Dichlorobenzene	ND	51	10.71	255	ug/Kg		12/12/19	ZZ
1,3-Dichloropropane	ND	51	9.69	255	ug/Kg		12/12/19	ZZ
1,4-Dichlorobenzene	ND	51	12.24	255	ug/Kg		12/12/19	ZZ
2,2-Dichloropropane	ND	51	9.69	255	ug/Kg		12/12/19	ZZ
2-Butanone (MEK)	540 J	51	36.72	5100	ug/Kg		12/12/19	ZZ J
2-Chlorotoluene	ND	51	12.75	255	ug/Kg		12/12/19	ZZ
4-Chlorotoluene	ND	51	11.22	255	ug/Kg		12/12/19	ZZ
4-Isopropyltoluene	130 J	51	13.77	255	ug/Kg		12/12/19	ZZ J
4-Methyl-2-pentanone (MIBK)	ND	51	8.67	255	ug/Kg		12/12/19	ZZ
Acetone	ND	51	2550	5100	ug/Kg		12/12/19	ZZ
Allyl Chloride	ND	51	7.14	255	ug/Kg		12/12/19	ZZ
Benzene	ND	51	9.18	255	ug/Kg		12/12/19	ZZ
Bromobenzene	ND	51	15.3	255	ug/Kg		12/12/19	ZZ
Bromochloromethane	ND	51	9.18	255	ug/Kg		12/12/19	ZZ
Bromodichloromethane	ND	51	10.2	255	ug/Kg		12/12/19	ZZ
Bromoform	ND	51	9.69	255	ug/Kg		12/12/19	ZZ
Bromomethane	ND	51	11.22	255	ug/Kg		12/12/19	ZZ
Carbon Tetrachloride	ND	51	9.18	255	ug/Kg		12/12/19	ZZ
Chlorobenzene	ND	51	9.18	255	ug/Kg		12/12/19	ZZ
Chlorodibromomethane	ND	51	9.69	255	ug/Kg		12/12/19	ZZ
Chloroethane	ND	51	10.2	255	ug/Kg		12/12/19	ZZ
Chloroform	ND	51	8.67	255	ug/Kg		12/12/19	ZZ
Chloromethane	ND	51	10.71	255	ug/Kg		12/12/19	ZZ
cis-1,2-Dichloroethene	ND	51	10.2	255	ug/Kg		12/12/19	ZZ
cis-1,3-dichloropropene	ND	51	10.2	255	ug/Kg		12/12/19	ZZ
cis-1,4-dichloro-2-butene	ND	51	10.2	255	ug/Kg		12/12/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:29	Site:	
Sample #: <u>422519-006</u>	Client Sample #: AOC4-SV12WW-30'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	51	10.71	255	ug/Kg		12/12/19	ZZ
Dichlorodifluoromethane	ND	51	11.73	255	ug/Kg		12/12/19	ZZ
Di-isopropyl ether (DIPE)	ND	51	10.71	255	ug/Kg		12/12/19	ZZ
Ethylbenzene	1100	51	11.73	255	ug/Kg		12/12/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	51	21.42	255	ug/Kg		12/12/19	ZZ
Hexachlorobutadiene	ND	51	21.42	255	ug/Kg		12/12/19	ZZ
Isopropylbenzene	690	51	12.75	255	ug/Kg		12/12/19	ZZ
m and p-Xylene	79 J	51	19.38	255	ug/Kg		12/12/19	ZZ J
Methylene chloride	ND	51	10.71	255	ug/Kg		12/12/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	51	8.67	255	ug/Kg		12/12/19	ZZ
Naphthalene	ND	51	8.16	255	ug/Kg		12/12/19	ZZ
N-butylbenzene	170 J	51	12.75	255	ug/Kg		12/12/19	ZZ J
N-propylbenzene	810	51	11.22	255	ug/Kg		12/12/19	ZZ
o-Xylene	46 J	51	9.69	255	ug/Kg		12/12/19	ZZ J
Sec-butylbenzene	210 J	51	14.28	255	ug/Kg		12/12/19	ZZ J
Styrene	ND	51	6.63	255	ug/Kg		12/12/19	ZZ
t-Butyl alcohol (TBA)	ND	51	448.8	510	ug/Kg		12/12/19	ZZ
Tert-amylmethylether (TAME)	ND	51	9.69	255	ug/Kg		12/12/19	ZZ
Tert-butylbenzene	ND	51	17.34	255	ug/Kg		12/12/19	ZZ
Tetrachloroethene	ND	51	11.73	255	ug/Kg		12/12/19	ZZ
Toluene	34 J	51	8.67	255	ug/Kg		12/12/19	ZZ J
trans-1,2-dichloroethene	ND	51	9.69	255	ug/Kg		12/12/19	ZZ
trans-1,3-dichloropropene	ND	51	9.18	255	ug/Kg		12/12/19	ZZ
trans-1,4-dichloro-2-butene	ND	51	10.2	255	ug/Kg		12/12/19	ZZ
Trichloroethene	ND	51	11.73	255	ug/Kg		12/12/19	ZZ
Trichlorofluoromethane	ND	51	11.73	255	ug/Kg		12/12/19	ZZ
Vinyl Chloride	ND	51	7.14	255	ug/Kg		12/12/19	ZZ
Xylenes (Total)	125 J	51	19.38	255	ug/Kg		12/12/19	ZZ J
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
1,2-Dichloroethane-d4 (SUR)		106		70-145				
4-Bromofluorobenzene (SUR)		102		70-145				
Dibromofluoromethane (SUR)		104		70-145				
Toluene-d8 (SUR)		101		70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:38	Site:	
Sample #: <u>422519-007</u>	Client Sample #: AOC4-SV12WW-35'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: <i>N/A</i>	Prep Method: <i>N/A</i>						QCBatchID:	
N/A	N/A	1						
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212678	
TPH Gasoline	0.564 J	1.04	0.24856	3.12	mg/Kg		12/18/19	LZ
<i>Surrogate</i>	<i>% Recovery</i>							<i>Limits</i>
4-Bromofluorobenzene (SUR)	125							60-140
Method: EPA 8015M	Prep Method: EPA 3580A						QCBatchID: QC1212786	
DRO (C10 to C28)	ND	1	10	10	mg/Kg	12/19/19	12/19/19	TW
ORO (C28 to C40)	ND	1	10	10	mg/Kg	12/19/19	12/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>							<i>Limits</i>
Triacotane (SUR)	102							50-150
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212681	
1,1,1,2-Tetrachloroethane	ND	1.2	0.288	6	ug/Kg		12/18/19	ZZ
1,1,1-Trichloroethane	ND	1.2	0.18	6	ug/Kg		12/18/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1.2	0.348	6	ug/Kg		12/18/19	ZZ
1,1,2-Trichloroethane	ND	1.2	0.264	6	ug/Kg		12/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1.2	0.888	6	ug/Kg		12/18/19	ZZ
1,1-Dichloroethane	ND	1.2	0.276	6	ug/Kg		12/18/19	ZZ
1,1-Dichloroethene	ND	1.2	0.216	6	ug/Kg		12/18/19	ZZ
1,1-Dichloropropene	ND	1.2	0.252	6	ug/Kg		12/18/19	ZZ
1,2,3-Trichlorobenzene	ND	1.2	0.216	6	ug/Kg		12/18/19	ZZ
1,2,3-Trichloropropane	ND	1.2	0.24	6	ug/Kg		12/18/19	ZZ
1,2,4-Trichlorobenzene	ND	1.2	0.396	6	ug/Kg		12/18/19	ZZ
1,2,4-Trimethylbenzene	ND	1.2	0.336	6	ug/Kg		12/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1.2	0.24	6	ug/Kg		12/18/19	ZZ
1,2-Dibromoethane	ND	1.2	0.144	6	ug/Kg		12/18/19	ZZ
1,2-Dichlorobenzene	ND	1.2	0.216	6	ug/Kg		12/18/19	ZZ
1,2-Dichloroethane	13	1.2	0.168	6	ug/Kg		12/18/19	ZZ
1,2-Dichloropropane	ND	1.2	0.408	6	ug/Kg		12/18/19	ZZ
1,3,5-Trimethylbenzene	ND	1.2	0.276	6	ug/Kg		12/18/19	ZZ
1,3-Dichlorobenzene	ND	1.2	0.252	6	ug/Kg		12/18/19	ZZ
1,3-Dichloropropane	ND	1.2	0.228	6	ug/Kg		12/18/19	ZZ
1,4-Dichlorobenzene	ND	1.2	0.288	6	ug/Kg		12/18/19	ZZ
2,2-Dichloropropane	ND	1.2	0.228	6	ug/Kg		12/18/19	ZZ
2-Butanone (MEK)	12 J	1.2	0.864	120	ug/Kg		12/18/19	ZZ J
2-Chlorotoluene	ND	1.2	0.3	6	ug/Kg		12/18/19	ZZ
4-Chlorotoluene	ND	1.2	0.264	6	ug/Kg		12/18/19	ZZ
4-Isopropyltoluene	ND	1.2	0.324	6	ug/Kg		12/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1.2	0.204	6	ug/Kg		12/18/19	ZZ
Acetone	ND	1.2	60	120	ug/Kg		12/18/19	ZZ
Allyl Chloride	ND	1.2	0.168	6	ug/Kg		12/18/19	ZZ
Benzene	1.6 J	1.2	0.216	6	ug/Kg		12/18/19	ZZ J
Bromobenzene	ND	1.2	0.36	6	ug/Kg		12/18/19	ZZ
Bromochloromethane	ND	1.2	0.216	6	ug/Kg		12/18/19	ZZ
Bromodichloromethane	ND	1.2	0.24	6	ug/Kg		12/18/19	ZZ
Bromoform	ND	1.2	0.228	6	ug/Kg		12/18/19	ZZ
Bromomethane	ND	1.2	0.264	6	ug/Kg		12/18/19	ZZ
Carbon Tetrachloride	ND	1.2	0.216	6	ug/Kg		12/18/19	ZZ
Chlorobenzene	ND	1.2	0.216	6	ug/Kg		12/18/19	ZZ
Chlorodibromomethane	ND	1.2	0.228	6	ug/Kg		12/18/19	ZZ
Chloroethane	ND	1.2	0.24	6	ug/Kg		12/18/19	ZZ
Chloroform	ND	1.2	0.204	6	ug/Kg		12/18/19	ZZ
Chloromethane	ND	1.2	0.252	6	ug/Kg		12/18/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:38	Site:	
Sample #: <u>422519-007</u>	Client Sample #: AOC4-SV12WW-35'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	1.2	0.24	6	ug/Kg		12/18/19	ZZ
cis-1,3-dichloropropene	ND	1.2	0.24	6	ug/Kg		12/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	1.2	0.24	6	ug/Kg		12/18/19	ZZ
Dibromomethane	ND	1.2	0.252	6	ug/Kg		12/18/19	ZZ
Dichlorodifluoromethane	ND	1.2	0.276	6	ug/Kg		12/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	1.2	0.252	6	ug/Kg		12/18/19	ZZ
Ethylbenzene	0.60 J	1.2	0.276	6	ug/Kg		12/18/19	ZZ J
Ethyl-tertbutylether (ETBE)	ND	1.2	0.504	6	ug/Kg		12/18/19	ZZ
Hexachlorobutadiene	ND	1.2	0.504	6	ug/Kg		12/18/19	ZZ
Isopropylbenzene	ND	1.2	0.3	6	ug/Kg		12/18/19	ZZ
m and p-Xylene	0.63 J	1.2	0.456	6	ug/Kg		12/18/19	ZZ J
Methylene chloride	ND	1.2	0.252	6	ug/Kg		12/18/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1.2	0.204	6	ug/Kg		12/18/19	ZZ
Naphthalene	ND	1.2	0.192	6	ug/Kg		12/18/19	ZZ
N-butylbenzene	ND	1.2	0.3	6	ug/Kg		12/18/19	ZZ
N-propylbenzene	ND	1.2	0.264	6	ug/Kg		12/18/19	ZZ
o-Xylene	ND	1.2	0.228	6	ug/Kg		12/18/19	ZZ
Sec-butylbenzene	ND	1.2	0.336	6	ug/Kg		12/18/19	ZZ
Styrene	ND	1.2	0.156	6	ug/Kg		12/18/19	ZZ
t-Butyl alcohol (TBA)	85	1.2	10.56	12	ug/Kg		12/18/19	ZZ
Tert-amylmethylether (TAME)	ND	1.2	0.228	6	ug/Kg		12/18/19	ZZ
Tert-butylbenzene	ND	1.2	0.408	6	ug/Kg		12/18/19	ZZ
Tetrachloroethene	ND	1.2	0.276	6	ug/Kg		12/18/19	ZZ
Toluene	1.2 J	1.2	0.204	6	ug/Kg		12/18/19	ZZ J
trans-1,2-dichloroethene	ND	1.2	0.228	6	ug/Kg		12/18/19	ZZ
trans-1,3-dichloropropene	ND	1.2	0.216	6	ug/Kg		12/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	1.2	0.24	6	ug/Kg		12/18/19	ZZ
Trichloroethene	ND	1.2	0.276	6	ug/Kg		12/18/19	ZZ
Trichlorofluoromethane	ND	1.2	0.276	6	ug/Kg		12/18/19	ZZ
Vinyl Chloride	ND	1.2	0.168	6	ug/Kg		12/18/19	ZZ
Xylenes (Total)	0.63 J	1.2	0.456	6	ug/Kg		12/18/19	ZZ J
<i>Surrogate</i>		<i>% Recovery</i>		<i>Limits</i>		<i>Notes</i>		
1,2-Dichloroethane-d4 (SUR)		115		70-145				
4-Bromofluorobenzene (SUR)		106		70-145				
Dibromofluoromethane (SUR)		98		70-145				
Toluene-d8 (SUR)		97		70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:50	Site:	
Sample #: <u>422519-008</u>	Client Sample #: AOC4-SV12WW-40'	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: 12/06/2019 11:03	Site:	
Sample #: <u>422519-009</u>	Client Sample #: AOC4-SV12WW-45'	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: 12/06/2019 13:01	Site:	
Sample #: 422519-010	Client Sample #: AOC4-SV12WW-GW	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C						QCBatchID: QC1209767	
DRO (C10 to C28)	0.79	7.41	0.2964	0.741	mg/L	12/10/19	12/10/19	TW B,D1
ORO (C28 to C40)	ND	7.41	2.223	2.223	mg/L	12/10/19	12/10/19	TW D1
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>			
Triacontane (SUR)	97		50-150					
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B						QCBatchID: QC1209507	
TPH Gasoline	ND	1	16	50	ug/L		12/08/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>			
4-Bromofluorobenzene (SUR)	97		60-140					
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B						QCBatchID: QC1209869	
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		12/12/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		12/12/19	ZZ
1,1-Dichloroethane	ND	1	0.32	5	ug/L		12/12/19	ZZ
1,1-Dichloroethene	ND	1	0.3	5	ug/L		12/12/19	ZZ
1,1-Dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		12/12/19	ZZ
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		12/12/19	ZZ
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		12/12/19	ZZ
1,2-Dibromoethane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		12/12/19	ZZ
1,2-Dichloroethane	ND	1	0.2	5	ug/L		12/12/19	ZZ
1,2-Dichloropropane	ND	1	0.36	5	ug/L		12/12/19	ZZ
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		12/12/19	ZZ
1,3-Dichloropropane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		12/12/19	ZZ
2,2-Dichloropropane	ND	1	0.32	5	ug/L		12/12/19	ZZ
2-Butanone (MEK)	ND	1	0.78	100	ug/L		12/12/19	ZZ
2-Chlorotoluene	ND	1	0.33	5	ug/L		12/12/19	ZZ
4-Chlorotoluene	ND	1	0.31	5	ug/L		12/12/19	ZZ
4-Isopropyltoluene	ND	1	0.32	5	ug/L		12/12/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		12/12/19	ZZ
Acetone	ND	1	50	100	ug/L		12/12/19	ZZ
Allyl Chloride	ND	1	0.19	5	ug/L		12/12/19	ZZ
Benzene	0.3 J	1	0.18	1	ug/L		12/12/19	ZZ J
Bromobenzene	ND	1	0.53	5	ug/L		12/12/19	ZZ
Bromochloromethane	ND	1	0.17	5	ug/L		12/12/19	ZZ
Bromodichloromethane	ND	1	0.31	5	ug/L		12/12/19	ZZ
Bromoform	ND	1	0.13	5	ug/L		12/12/19	ZZ
Bromomethane	ND	1	0.68	5	ug/L		12/12/19	ZZ
Carbon Tetrachloride	ND	1	0.27	5	ug/L		12/12/19	ZZ
Chlorobenzene	ND	1	0.19	5	ug/L		12/12/19	ZZ
Chlorodibromomethane	ND	1	0.21	5	ug/L		12/12/19	ZZ
Chloroethane	ND	1	0.45	5	ug/L		12/12/19	ZZ
Chloroform	0.38 J	1	0.18	5	ug/L		12/12/19	ZZ J
Chloromethane	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 13:01	Site:	
Sample #: <u>422519-010</u>	Client Sample #: AOC4-SV12WW-GW	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1	0.23	5	ug/L		12/12/19	ZZ
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		12/12/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		12/12/19	ZZ
Ethylbenzene	0.28 J	1	0.21	5	ug/L		12/12/19	ZZ J
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		12/12/19	ZZ
Hexachlorobutadiene	ND	1	0.51	5	ug/L		12/12/19	ZZ
Isopropylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
m and p-Xylene	ND	1	0.45	5	ug/L		12/12/19	ZZ
Methylene chloride	2.8 J	1	0.16	5	ug/L		12/12/19	ZZ J
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		12/12/19	ZZ
Naphthalene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-butylbenzene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-propylbenzene	ND	1	0.31	5	ug/L		12/12/19	ZZ
o-Xylene	ND	1	0.29	5	ug/L		12/12/19	ZZ
Sec-butylbenzene	ND	1	0.32	5	ug/L		12/12/19	ZZ
Styrene	ND	1	0.22	5	ug/L		12/12/19	ZZ
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		12/12/19	ZZ
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		12/12/19	ZZ
Tert-butylbenzene	ND	1	0.4	5	ug/L		12/12/19	ZZ
Tetrachloroethene	ND	1	0.8	5	ug/L		12/12/19	ZZ
Toluene	0.36 J	1	0.24	5	ug/L		12/12/19	ZZ J
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		12/12/19	ZZ
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		12/12/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ
Trichloroethene	ND	1	0.39	5	ug/L		12/12/19	ZZ
Trichlorofluoromethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
Vinyl Chloride	ND	1	0.18	5	ug/L		12/12/19	ZZ
Xylenes (Total)	ND	1	0.45	5	ug/L		12/12/19	ZZ

<u>Surrogate</u>	<u>% Recovery</u>	<u>Limits</u>	<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)	102	70-145	
4-Bromofluorobenzene (SUR)	106	70-145	
Dibromofluoromethane (SUR)	103	70-145	
Toluene-d8 (SUR)	98	70-145	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 13:15	Site:	
Sample #: <u>422519-011</u>	Client Sample #: AOC4-SV11SS-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: 12/06/2019 13:21	Site:	
Sample #: <u>422519-012</u>	Client Sample #: AOC4-SV11SS-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: 12/06/2019 13:29	Site:	
Sample #: <u>422519-013</u>	Client Sample #: AOC4-SV11SS-15'	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: 12/06/2019 13:34	Site:	
Sample #: <u>422519-014</u>	Client Sample #: AOC4-SV11SS-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: 12/06/2019 13:41	Site:	
Sample #: 422519-015	Client Sample #: AOC4-SV11SS-25'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: N/A	Prep Method: N/A	1					QCBatchID:	
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212678	
TPH Gasoline	1200	119	28.441	357	mg/Kg		12/18/19	LZ
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				<i>Notes</i>
4-Bromofluorobenzene (SUR)	130			60-140				
Method: EPA 8015M	Prep Method: EPA 3580A						QCBatchID: QC1212786	
DRO (C10 to C28)	74	1	10	10	mg/Kg	12/19/19	12/19/19	TW
ORO (C28 to C40)	ND	1	10	10	mg/Kg	12/19/19	12/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				<i>Notes</i>
Triacotane (SUR)	112			50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212681	
1,1,1,2-Tetrachloroethane	ND	196.1	47.064	980.5	ug/Kg		12/18/19	ZZ
1,1,1-Trichloroethane	ND	196.1	29.415	980.5	ug/Kg		12/18/19	ZZ
1,1,2,2-Tetrachloroethane	ND	196.1	56.869	980.5	ug/Kg		12/18/19	ZZ
1,1,2-Trichloroethane	ND	196.1	43.142	980.5	ug/Kg		12/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	196.1	145.114	980.5	ug/Kg		12/18/19	ZZ
1,1-Dichloroethane	ND	196.1	45.103	980.5	ug/Kg		12/18/19	ZZ
1,1-Dichloroethene	ND	196.1	35.298	980.5	ug/Kg		12/18/19	ZZ
1,1-Dichloropropene	ND	196.1	41.181	980.5	ug/Kg		12/18/19	ZZ
1,2,3-Trichlorobenzene	ND	196.1	35.298	980.5	ug/Kg		12/18/19	ZZ
1,2,3-Trichloropropane	ND	196.1	39.22	980.5	ug/Kg		12/18/19	ZZ
1,2,4-Trichlorobenzene	ND	196.1	64.713	980.5	ug/Kg		12/18/19	ZZ
1,2,4-Trimethylbenzene	ND	196.1	54.908	980.5	ug/Kg		12/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	196.1	39.22	980.5	ug/Kg		12/18/19	ZZ
1,2-Dibromoethane	ND	196.1	23.532	980.5	ug/Kg		12/18/19	ZZ
1,2-Dichlorobenzene	ND	196.1	35.298	980.5	ug/Kg		12/18/19	ZZ
1,2-Dichloroethane	ND	196.1	27.454	980.5	ug/Kg		12/18/19	ZZ
1,2-Dichloropropane	ND	196.1	66.674	980.5	ug/Kg		12/18/19	ZZ
1,3,5-Trimethylbenzene	ND	196.1	45.103	980.5	ug/Kg		12/18/19	ZZ
1,3-Dichlorobenzene	ND	196.1	41.181	980.5	ug/Kg		12/18/19	ZZ
1,3-Dichloropropane	ND	196.1	37.259	980.5	ug/Kg		12/18/19	ZZ
1,4-Dichlorobenzene	ND	196.1	47.064	980.5	ug/Kg		12/18/19	ZZ
2,2-Dichloropropane	ND	196.1	37.259	980.5	ug/Kg		12/18/19	ZZ
2-Butanone (MEK)	ND	196.1	141.192	19610	ug/Kg		12/18/19	ZZ
2-Chlorotoluene	ND	196.1	49.025	980.5	ug/Kg		12/18/19	ZZ
4-Chlorotoluene	ND	196.1	43.142	980.5	ug/Kg		12/18/19	ZZ
4-Isopropyltoluene	1200	196.1	52.947	980.5	ug/Kg		12/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	196.1	33.337	980.5	ug/Kg		12/18/19	ZZ
Acetone	ND	196.1	9805	19610	ug/Kg		12/18/19	ZZ
Allyl Chloride	ND	196.1	27.454	980.5	ug/Kg		12/18/19	ZZ
Benzene	65 J	196.1	35.298	980.5	ug/Kg		12/18/19	ZZ J
Bromobenzene	ND	196.1	58.83	980.5	ug/Kg		12/18/19	ZZ
Bromochloromethane	ND	196.1	35.298	980.5	ug/Kg		12/18/19	ZZ
Bromodichloromethane	ND	196.1	39.22	980.5	ug/Kg		12/18/19	ZZ
Bromoform	ND	196.1	37.259	980.5	ug/Kg		12/18/19	ZZ
Bromomethane	ND	196.1	43.142	980.5	ug/Kg		12/18/19	ZZ
Carbon Tetrachloride	ND	196.1	35.298	980.5	ug/Kg		12/18/19	ZZ
Chlorobenzene	ND	196.1	35.298	980.5	ug/Kg		12/18/19	ZZ
Chlorodibromomethane	ND	196.1	37.259	980.5	ug/Kg		12/18/19	ZZ
Chloroethane	ND	196.1	39.22	980.5	ug/Kg		12/18/19	ZZ
Chloroform	ND	196.1	33.337	980.5	ug/Kg		12/18/19	ZZ
Chloromethane	ND	196.1	41.181	980.5	ug/Kg		12/18/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 13:41	Site:	
Sample #: <u>422519-015</u>	Client Sample #: AOC4-SV11SS-25'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	196.1	39.22	980.5	ug/Kg		12/18/19	ZZ
cis-1,3-dichloropropene	ND	196.1	39.22	980.5	ug/Kg		12/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	196.1	39.22	980.5	ug/Kg		12/18/19	ZZ
Dibromomethane	ND	196.1	41.181	980.5	ug/Kg		12/18/19	ZZ
Dichlorodifluoromethane	ND	196.1	45.103	980.5	ug/Kg		12/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	196.1	41.181	980.5	ug/Kg		12/18/19	ZZ
Ethylbenzene	5100	196.1	45.103	980.5	ug/Kg		12/18/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	196.1	82.362	980.5	ug/Kg		12/18/19	ZZ
Hexachlorobutadiene	ND	196.1	82.362	980.5	ug/Kg		12/18/19	ZZ
Isopropylbenzene	1600	196.1	49.025	980.5	ug/Kg		12/18/19	ZZ
m and p-Xylene	410 J	196.1	74.518	980.5	ug/Kg		12/18/19	ZZ J
Methylene chloride	2000	196.1	41.181	980.5	ug/Kg		12/18/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	196.1	33.337	980.5	ug/Kg		12/18/19	ZZ
Naphthalene	230 J	196.1	31.376	980.5	ug/Kg		12/18/19	ZZ J
N-butylbenzene	ND	196.1	49.025	980.5	ug/Kg		12/18/19	ZZ
N-propylbenzene	2900	196.1	43.142	980.5	ug/Kg		12/18/19	ZZ
o-Xylene	ND	196.1	37.259	980.5	ug/Kg		12/18/19	ZZ
Sec-butylbenzene	730 J	196.1	54.908	980.5	ug/Kg		12/18/19	ZZ J
Styrene	ND	196.1	25.493	980.5	ug/Kg		12/18/19	ZZ
t-Butyl alcohol (TBA)	ND	196.1	1725.68	1961	ug/Kg		12/18/19	ZZ
Tert-amylmethylether (TAME)	ND	196.1	37.259	980.5	ug/Kg		12/18/19	ZZ
Tert-butylbenzene	ND	196.1	66.674	980.5	ug/Kg		12/18/19	ZZ
Tetrachloroethene	ND	196.1	45.103	980.5	ug/Kg		12/18/19	ZZ
Toluene	ND	196.1	33.337	980.5	ug/Kg		12/18/19	ZZ
trans-1,2-dichloroethene	ND	196.1	37.259	980.5	ug/Kg		12/18/19	ZZ
trans-1,3-dichloropropene	ND	196.1	35.298	980.5	ug/Kg		12/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	196.1	39.22	980.5	ug/Kg		12/18/19	ZZ
Trichloroethene	ND	196.1	45.103	980.5	ug/Kg		12/18/19	ZZ
Trichlorofluoromethane	ND	196.1	45.103	980.5	ug/Kg		12/18/19	ZZ
Vinyl Chloride	ND	196.1	27.454	980.5	ug/Kg		12/18/19	ZZ
Xylenes (Total)	410 J	196.1	74.518	980.5	ug/Kg		12/18/19	ZZ J
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
1,2-Dichloroethane-d4 (SUR)		107		70-145				
4-Bromofluorobenzene (SUR)		103		70-145				
Dibromofluoromethane (SUR)		102		70-145				
Toluene-d8 (SUR)		98		70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 13:52	Site:	
Sample #: 422519-016	Client Sample #: AOC4-SV11SS-30'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1209387		
TPH Gasoline	2400	244	58.316	732	mg/Kg		12/14/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>		<i>Notes</i>			
4-Bromofluorobenzene (SUR)	135		60-140					
Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1209720		
DRO (C10 to C28)	810	4	40	40	mg/Kg	12/09/19	12/10/19	TW
ORO (C28 to C40)	ND	4	40	40	mg/Kg	12/09/19	12/10/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>		<i>Notes</i>			
Triacontane (SUR)	111		50-150		Spike amount changed to 20ppm due to a			
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1212570		
1,1,1,2-Tetrachloroethane	ND	122	29.28	610	ug/Kg		12/16/19	ZZ
1,1,1-Trichloroethane	ND	122	18.3	610	ug/Kg		12/16/19	ZZ
1,1,2,2-Tetrachloroethane	ND	122	35.38	610	ug/Kg		12/16/19	ZZ
1,1,2-Trichloroethane	ND	122	26.84	610	ug/Kg		12/16/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	122	90.28	610	ug/Kg		12/16/19	ZZ
1,1-Dichloroethane	ND	122	28.06	610	ug/Kg		12/16/19	ZZ
1,1-Dichloroethene	ND	122	21.96	610	ug/Kg		12/16/19	ZZ
1,1-Dichloropropene	ND	122	25.62	610	ug/Kg		12/16/19	ZZ
1,2,3-Trichlorobenzene	ND	122	21.96	610	ug/Kg		12/16/19	ZZ
1,2,3-Trichloropropane	ND	122	24.4	610	ug/Kg		12/16/19	ZZ
1,2,4-Trichlorobenzene	ND	122	40.26	610	ug/Kg		12/16/19	ZZ
1,2,4-Trimethylbenzene	550 J	122	34.16	610	ug/Kg		12/16/19	ZZ J
1,2-Dibromo-3-chloropropane	ND	122	24.4	610	ug/Kg		12/16/19	ZZ
1,2-Dibromoethane	ND	122	14.64	610	ug/Kg		12/16/19	ZZ
1,2-Dichlorobenzene	ND	122	21.96	610	ug/Kg		12/16/19	ZZ
1,2-Dichloroethane	ND	122	17.08	610	ug/Kg		12/16/19	ZZ
1,2-Dichloropropane	ND	122	41.48	610	ug/Kg		12/16/19	ZZ
1,3,5-Trimethylbenzene	1600	122	28.06	610	ug/Kg		12/16/19	ZZ
1,3-Dichlorobenzene	ND	122	25.62	610	ug/Kg		12/16/19	ZZ
1,3-Dichloropropane	ND	122	23.18	610	ug/Kg		12/16/19	ZZ
1,4-Dichlorobenzene	ND	122	29.28	610	ug/Kg		12/16/19	ZZ
2,2-Dichloropropane	ND	122	23.18	610	ug/Kg		12/16/19	ZZ
2-Butanone (MEK)	ND	122	87.84	12200	ug/Kg		12/16/19	ZZ
2-Chlorotoluene	ND	122	30.5	610	ug/Kg		12/16/19	ZZ
4-Chlorotoluene	ND	122	26.84	610	ug/Kg		12/16/19	ZZ
4-Isopropyltoluene	2700	122	32.94	610	ug/Kg		12/16/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	122	20.74	610	ug/Kg		12/16/19	ZZ
Acetone	ND	122	6100	12200	ug/Kg		12/16/19	ZZ
Allyl Chloride	ND	122	17.08	610	ug/Kg		12/16/19	ZZ
Benzene	450 J	122	21.96	610	ug/Kg		12/16/19	ZZ J
Bromobenzene	ND	122	36.6	610	ug/Kg		12/16/19	ZZ
Bromochloromethane	ND	122	21.96	610	ug/Kg		12/16/19	ZZ
Bromodichloromethane	ND	122	24.4	610	ug/Kg		12/16/19	ZZ
Bromoform	ND	122	23.18	610	ug/Kg		12/16/19	ZZ
Bromomethane	ND	122	26.84	610	ug/Kg		12/16/19	ZZ
Carbon Tetrachloride	ND	122	21.96	610	ug/Kg		12/16/19	ZZ
Chlorobenzene	ND	122	21.96	610	ug/Kg		12/16/19	ZZ
Chlorodibromomethane	ND	122	23.18	610	ug/Kg		12/16/19	ZZ
Chloroethane	ND	122	24.4	610	ug/Kg		12/16/19	ZZ
Chloroform	350 J	122	20.74	610	ug/Kg		12/16/19	ZZ J
Chloromethane	ND	122	25.62	610	ug/Kg		12/16/19	ZZ
cis-1,2-Dichloroethene	ND	122	24.4	610	ug/Kg		12/16/19	ZZ
cis-1,3-dichloropropene	ND	122	24.4	610	ug/Kg		12/16/19	ZZ
cis-1,4-dichloro-2-butene	ND	122	24.4	610	ug/Kg		12/16/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 13:52	Site:	
Sample #: 422519-016	Client Sample #: AOC4-SV11SS-30'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	122	25.62	610	ug/Kg		12/16/19	ZZ
Dichlorodifluoromethane	ND	122	28.06	610	ug/Kg		12/16/19	ZZ
Di-isopropyl ether (DIPE)	ND	122	25.62	610	ug/Kg		12/16/19	ZZ
Ethylbenzene	14000	122	28.06	610	ug/Kg		12/16/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	122	51.24	610	ug/Kg		12/16/19	ZZ
Hexachlorobutadiene	ND	122	51.24	610	ug/Kg		12/16/19	ZZ
Isopropylbenzene	4300	122	30.5	610	ug/Kg		12/16/19	ZZ
m and p-Xylene	3300	122	46.36	610	ug/Kg		12/16/19	ZZ
Methylene chloride	ND	122	25.62	610	ug/Kg		12/16/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	122	20.74	610	ug/Kg		12/16/19	ZZ
Naphthalene	1900	122	19.52	610	ug/Kg		12/16/19	ZZ
N-butylbenzene	ND	122	30.5	610	ug/Kg		12/16/19	ZZ
N-propylbenzene	7700	243.9	53.658	1219.5	ug/Kg		12/16/19	ZZ
o-Xylene	51 J	122	23.18	610	ug/Kg		12/16/19	ZZ J
Sec-butylbenzene	1200	122	34.16	610	ug/Kg		12/16/19	ZZ
Styrene	ND	122	15.86	610	ug/Kg		12/16/19	ZZ
t-Butyl alcohol (TBA)	ND	122	1073.6	1220	ug/Kg		12/16/19	ZZ
Tert-amylmethylether (TAME)	ND	122	23.18	610	ug/Kg		12/16/19	ZZ
Tert-butylbenzene	ND	122	41.48	610	ug/Kg		12/16/19	ZZ
Tetrachloroethene	ND	122	28.06	610	ug/Kg		12/16/19	ZZ
Toluene	41 J	122	20.74	610	ug/Kg		12/16/19	ZZ J
trans-1,2-dichloroethene	ND	122	23.18	610	ug/Kg		12/16/19	ZZ
trans-1,3-dichloropropene	ND	122	21.96	610	ug/Kg		12/16/19	ZZ
trans-1,4-dichloro-2-butene	ND	122	24.4	610	ug/Kg		12/16/19	ZZ
Trichloroethene	ND	122	28.06	610	ug/Kg		12/16/19	ZZ
Trichlorofluoromethane	ND	122	28.06	610	ug/Kg		12/16/19	ZZ
Vinyl Chloride	ND	122	17.08	610	ug/Kg		12/16/19	ZZ
Xylenes (Total)	3400	122	46.36	610	ug/Kg		12/16/19	ZZ
<u>Surrogate</u>			<u>% Recovery</u>		<u>Limits</u>			<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)			104		70-145			
4-Bromofluorobenzene (SUR)			93		70-145			
Dibromofluoromethane (SUR)			104		70-145			
Toluene-d8 (SUR)			115		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 14:02	Site:	
Sample #: <u>422519-017</u>	Client Sample #: AOC4-SV11SS-35'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1209387		
TPH Gasoline	1700	233	55.687	699	mg/Kg		12/14/19	EW
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				<i>Notes</i>
4-Bromofluorobenzene (SUR)	125			60-140				
Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1209720		
DRO (C10 to C28)	100	4	40	40	mg/Kg	12/09/19	12/10/19	TW
ORO (C28 to C40)	ND	4	40	40	mg/Kg	12/09/19	12/10/19	TW
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				<i>Notes</i>
Triacontane (SUR)	108			50-150				Spike amount changed to 20ppm due to a
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A					QCBatchID: QC1212570		
1,1,1,2-Tetrachloroethane	ND	58.2	13.968	291	ug/Kg		12/16/19	ZZ
1,1,1-Trichloroethane	ND	58.2	8.73	291	ug/Kg		12/16/19	ZZ
1,1,2,2-Tetrachloroethane	ND	58.2	16.878	291	ug/Kg		12/16/19	ZZ
1,1,2-Trichloroethane	ND	58.2	12.804	291	ug/Kg		12/16/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	58.2	43.068	291	ug/Kg		12/16/19	ZZ
1,1-Dichloroethane	ND	58.2	13.386	291	ug/Kg		12/16/19	ZZ
1,1-Dichloroethene	ND	58.2	10.476	291	ug/Kg		12/16/19	ZZ
1,1-Dichloropropene	ND	58.2	12.222	291	ug/Kg		12/16/19	ZZ
1,2,3-Trichlorobenzene	ND	58.2	10.476	291	ug/Kg		12/16/19	ZZ
1,2,3-Trichloropropane	ND	58.2	11.64	291	ug/Kg		12/16/19	ZZ
1,2,4-Trichlorobenzene	ND	58.2	19.206	291	ug/Kg		12/16/19	ZZ
1,2,4-Trimethylbenzene	32 J	58.2	16.296	291	ug/Kg		12/16/19	ZZ J
1,2-Dibromo-3-chloropropane	ND	58.2	11.64	291	ug/Kg		12/16/19	ZZ
1,2-Dibromoethane	ND	58.2	6.984	291	ug/Kg		12/16/19	ZZ
1,2-Dichlorobenzene	ND	58.2	10.476	291	ug/Kg		12/16/19	ZZ
1,2-Dichloroethane	ND	58.2	8.148	291	ug/Kg		12/16/19	ZZ
1,2-Dichloropropane	ND	58.2	19.788	291	ug/Kg		12/16/19	ZZ
1,3,5-Trimethylbenzene	95 J	58.2	13.386	291	ug/Kg		12/16/19	ZZ J
1,3-Dichlorobenzene	ND	58.2	12.222	291	ug/Kg		12/16/19	ZZ
1,3-Dichloropropane	ND	58.2	11.058	291	ug/Kg		12/16/19	ZZ
1,4-Dichlorobenzene	ND	58.2	13.968	291	ug/Kg		12/16/19	ZZ
2,2-Dichloropropane	ND	58.2	11.058	291	ug/Kg		12/16/19	ZZ
2-Butanone (MEK)	ND	58.2	41.904	5820	ug/Kg		12/16/19	ZZ
2-Chlorotoluene	ND	58.2	14.55	291	ug/Kg		12/16/19	ZZ
4-Chlorotoluene	ND	58.2	12.804	291	ug/Kg		12/16/19	ZZ
4-Isopropyltoluene	1500	58.2	15.714	291	ug/Kg		12/16/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	58.2	9.894	291	ug/Kg		12/16/19	ZZ
Acetone	ND	58.2	2910	5820	ug/Kg		12/16/19	ZZ
Allyl Chloride	ND	58.2	8.148	291	ug/Kg		12/16/19	ZZ
Benzene	630	58.2	10.476	291	ug/Kg		12/16/19	ZZ
Bromobenzene	ND	58.2	17.46	291	ug/Kg		12/16/19	ZZ
Bromochloromethane	ND	58.2	10.476	291	ug/Kg		12/16/19	ZZ
Bromodichloromethane	ND	58.2	11.64	291	ug/Kg		12/16/19	ZZ
Bromoform	ND	58.2	11.058	291	ug/Kg		12/16/19	ZZ
Bromomethane	ND	58.2	12.804	291	ug/Kg		12/16/19	ZZ
Carbon Tetrachloride	ND	58.2	10.476	291	ug/Kg		12/16/19	ZZ
Chlorobenzene	ND	58.2	10.476	291	ug/Kg		12/16/19	ZZ
Chlorodibromomethane	ND	58.2	11.058	291	ug/Kg		12/16/19	ZZ
Chloroethane	ND	58.2	11.64	291	ug/Kg		12/16/19	ZZ
Chloroform	ND	58.2	9.894	291	ug/Kg		12/16/19	ZZ
Chloromethane	ND	58.2	12.222	291	ug/Kg		12/16/19	ZZ
cis-1,2-Dichloroethene	ND	58.2	11.64	291	ug/Kg		12/16/19	ZZ
cis-1,3-dichloropropene	ND	58.2	11.64	291	ug/Kg		12/16/19	ZZ
cis-1,4-dichloro-2-butene	ND	58.2	11.64	291	ug/Kg		12/16/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 14:02	Site:	
Sample #: <u>422519-017</u>	Client Sample #: AOC4-SV11SS-35'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	58.2	12.222	291	ug/Kg		12/16/19	ZZ
Dichlorodifluoromethane	ND	58.2	13.386	291	ug/Kg		12/16/19	ZZ
Di-isopropyl ether (DIPE)	ND	58.2	12.222	291	ug/Kg		12/16/19	ZZ
Ethylbenzene	6600	58.2	13.386	291	ug/Kg		12/16/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	58.2	24.444	291	ug/Kg		12/16/19	ZZ
Hexachlorobutadiene	ND	58.2	24.444	291	ug/Kg		12/16/19	ZZ
Isopropylbenzene	2900	58.2	14.55	291	ug/Kg		12/16/19	ZZ
m and p-Xylene	1100	58.2	22.116	291	ug/Kg		12/16/19	ZZ
Methylene chloride	ND	58.2	12.222	291	ug/Kg		12/16/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	58.2	9.894	291	ug/Kg		12/16/19	ZZ
Naphthalene	ND	58.2	9.312	291	ug/Kg		12/16/19	ZZ
N-butylbenzene	ND	58.2	14.55	291	ug/Kg		12/16/19	ZZ
N-propylbenzene	5300	232.6	51.172	1163	ug/Kg		12/16/19	ZZ
o-Xylene	ND	58.2	11.058	291	ug/Kg		12/16/19	ZZ
Sec-butylbenzene	740	58.2	16.296	291	ug/Kg		12/16/19	ZZ
Styrene	ND	58.2	7.566	291	ug/Kg		12/16/19	ZZ
t-Butyl alcohol (TBA)	ND	58.2	512.16	582	ug/Kg		12/16/19	ZZ
Tert-amylmethylether (TAME)	ND	58.2	11.058	291	ug/Kg		12/16/19	ZZ
Tert-butylbenzene	ND	58.2	19.788	291	ug/Kg		12/16/19	ZZ
Tetrachloroethene	ND	58.2	13.386	291	ug/Kg		12/16/19	ZZ
Toluene	ND	58.2	9.894	291	ug/Kg		12/16/19	ZZ
trans-1,2-dichloroethene	ND	58.2	11.058	291	ug/Kg		12/16/19	ZZ
trans-1,3-dichloropropene	ND	58.2	10.476	291	ug/Kg		12/16/19	ZZ
trans-1,4-dichloro-2-butene	ND	58.2	11.64	291	ug/Kg		12/16/19	ZZ
Trichloroethene	ND	58.2	13.386	291	ug/Kg		12/16/19	ZZ
Trichlorofluoromethane	ND	58.2	13.386	291	ug/Kg		12/16/19	ZZ
Vinyl Chloride	ND	58.2	8.148	291	ug/Kg		12/16/19	ZZ
Xylenes (Total)	1100	58.2	22.116	291	ug/Kg		12/16/19	ZZ
<u>Surrogate</u>		<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>		
1,2-Dichloroethane-d4 (SUR)		103		70-145				
4-Bromofluorobenzene (SUR)		88		70-145				
Dibromofluoromethane (SUR)		106		70-145				
Toluene-d8 (SUR)		121		70-145				

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 14:15	Site:	
Sample #: 422519-018	Client Sample #: AOC4-SV11SS-40'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: N/A	Prep Method: N/A	1					QCBatchID:	
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212678	
TPH Gasoline	0.615 J	1.32	0.31548	3.96	mg/Kg		12/18/19	LZ
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				<i>Notes</i>
4-Bromofluorobenzene (SUR)	114			60-140				
Method: EPA 8015M	Prep Method: EPA 3580A						QCBatchID: QC1212786	
DRO (C10 to C28)	ND	1	10	10	mg/Kg	12/19/19	12/19/19	TW
ORO (C28 to C40)	ND	1	10	10	mg/Kg	12/19/19	12/19/19	TW
<i>Surrogate</i>	<i>% Recovery</i>			<i>Limits</i>				<i>Notes</i>
Triacotane (SUR)	93			50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5035A						QCBatchID: QC1212681	
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		12/18/19	ZZ
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		12/18/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		12/18/19	ZZ
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		12/18/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		12/18/19	ZZ
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		12/18/19	ZZ
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		12/18/19	ZZ
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		12/18/19	ZZ
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		12/18/19	ZZ
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		12/18/19	ZZ
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		12/18/19	ZZ
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/Kg		12/18/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		12/18/19	ZZ
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		12/18/19	ZZ
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		12/18/19	ZZ
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		12/18/19	ZZ
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		12/18/19	ZZ
1,3,5-Trimethylbenzene	ND	1	0.23	5	ug/Kg		12/18/19	ZZ
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		12/18/19	ZZ
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		12/18/19	ZZ
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		12/18/19	ZZ
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		12/18/19	ZZ
2-Butanone (MEK)	9.8 J	1	0.72	100	ug/Kg		12/18/19	ZZ J
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		12/18/19	ZZ
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		12/18/19	ZZ
4-Isopropyltoluene	ND	1	0.27	5	ug/Kg		12/18/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		12/18/19	ZZ
Acetone	ND	1	50	100	ug/Kg		12/18/19	ZZ
Allyl Chloride	ND	1	0.14	5	ug/Kg		12/18/19	ZZ
Benzene	1.5 J	1	0.18	5	ug/Kg		12/18/19	ZZ J
Bromobenzene	ND	1	0.3	5	ug/Kg		12/18/19	ZZ
Bromochloromethane	ND	1	0.18	5	ug/Kg		12/18/19	ZZ
Bromodichloromethane	ND	1	0.2	5	ug/Kg		12/18/19	ZZ
Bromoform	ND	1	0.19	5	ug/Kg		12/18/19	ZZ
Bromomethane	ND	1	0.22	5	ug/Kg		12/18/19	ZZ
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		12/18/19	ZZ
Chlorobenzene	ND	1	0.18	5	ug/Kg		12/18/19	ZZ
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		12/18/19	ZZ
Chloroethane	ND	1	0.2	5	ug/Kg		12/18/19	ZZ
Chloroform	ND	1	0.17	5	ug/Kg		12/18/19	ZZ
Chloromethane	ND	1	0.21	5	ug/Kg		12/18/19	ZZ

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 14:15	Site:	
Sample #: <u>422519-018</u>	Client Sample #: AOC4-SV11SS-40'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		12/18/19	ZZ
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		12/18/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		12/18/19	ZZ
Dibromomethane	ND	1	0.21	5	ug/Kg		12/18/19	ZZ
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		12/18/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		12/18/19	ZZ
Ethylbenzene	3.9 J	1	0.23	5	ug/Kg		12/18/19	ZZ J
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		12/18/19	ZZ
Hexachlorobutadiene	ND	1	0.42	5	ug/Kg		12/18/19	ZZ
Isopropylbenzene	1.3 J	1	0.25	5	ug/Kg		12/18/19	ZZ J
m and p-Xylene	1.2 J	1	0.38	5	ug/Kg		12/18/19	ZZ J
Methylene chloride	0.65 J	1	0.21	5	ug/Kg		12/18/19	ZZ J
Methyl-t-butyl Ether (MTBE)	ND	1	0.17	5	ug/Kg		12/18/19	ZZ
Naphthalene	ND	1	0.16	5	ug/Kg		12/18/19	ZZ
N-butylbenzene	ND	1	0.25	5	ug/Kg		12/18/19	ZZ
N-propylbenzene	2.1 J	1	0.22	5	ug/Kg		12/18/19	ZZ J
o-Xylene	0.22 J	1	0.19	5	ug/Kg		12/18/19	ZZ J
Sec-butylbenzene	ND	1	0.28	5	ug/Kg		12/18/19	ZZ
Styrene	ND	1	0.13	5	ug/Kg		12/18/19	ZZ
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		12/18/19	ZZ
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		12/18/19	ZZ
Tert-butylbenzene	ND	1	0.34	5	ug/Kg		12/18/19	ZZ
Tetrachloroethene	ND	1	0.23	5	ug/Kg		12/18/19	ZZ
Toluene	0.39 J	1	0.17	5	ug/Kg		12/18/19	ZZ J
trans-1,2-dichloroethene	ND	1	0.19	5	ug/Kg		12/18/19	ZZ
trans-1,3-dichloropropene	ND	1	0.18	5	ug/Kg		12/18/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		12/18/19	ZZ
Trichloroethene	ND	1	0.23	5	ug/Kg		12/18/19	ZZ
Trichlorofluoromethane	ND	1	0.23	5	ug/Kg		12/18/19	ZZ
Vinyl Chloride	ND	1	0.14	5	ug/Kg		12/18/19	ZZ
Xylenes (Total)	1.4 J	1	0.38	5	ug/Kg		12/18/19	ZZ J
<i>Surrogate</i>			<i>% Recovery</i>		<i>Limits</i>		<i>Notes</i>	
1,2-Dichloroethane-d4 (SUR)			113		70-145			
4-Bromofluorobenzene (SUR)			106		70-145			
Dibromofluoromethane (SUR)			101		70-145			
Toluene-d8 (SUR)			99		70-145			

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 14:29	Site:	
Sample #: <u>422519-019</u>	Client Sample #: AOC4-SV11SS-45'	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: 12/06/2019 14:50	Site:	
Sample #: <u>422519-020</u>	Client Sample #: AOC4-SV11SS-50'	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: 12/06/2019 15:17	Site:							
Sample #: <u>422519-021</u>	Client Sample #: AOC4-SV11SS-55'	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: 12/06/2019 08:39	Site:							
Sample #: <u>422519-022</u>	Client Sample #: AOC1-W-B22NW-0.5'	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685	
Lead	100	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/06/2019 08:57	Site:							
Sample #: <u>422519-023</u>	Client Sample #: AOC1-W-B22NW-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 <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212695	
Lead	7.82	1	0.84	1	mg/Kg		12/19/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/06/2019 08:59	Site:							
Sample #: <u>422519-024</u>	Client Sample #: AOC1-W-B22NW-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: 12/06/2019 09:02	Site:							
Sample #: <u>422519-025</u>	Client Sample #: AOC1-W-B22WW-0.5'	Sample Type:						
Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209685	
Lead	66.8	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW
Matrix: Solid	Client: Ninyo & Moore	Collector: Client						
Sampled: 12/06/2019 09:04	Site:							
Sample #: <u>422519-026</u>	Client Sample #: AOC1-W-B22WW-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: 12/06/2019 09:06	Site:							
Sample #: <u>422519-027</u>	Client Sample #: AOC1-W-B22WW-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: 12/06/2019 09:21	Site:	
Sample #: <u>422519-028</u>	Client Sample #: AOC1-W-B23NW-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209685		
Lead	12.5	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 09:23	Site:	
Sample #: <u>422519-029</u>	Client Sample #: AOC1-W-B23NW-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: 12/06/2019 09:26	Site:	
Sample #: <u>422519-030</u>	Client Sample #: AOC1-W-B23NW-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: 12/06/2019 09:28	Site:	
Sample #: <u>422519-031</u>	Client Sample #: AOC1-W-B23NE-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209685		
Lead	34.4	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 09:32	Site:	
Sample #: <u>422519-032</u>	Client Sample #: AOC1-W-B23NE-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: 12/06/2019 09:36	Site:	
Sample #: <u>422519-033</u>	Client Sample #: AOC1-W-B23NE-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: 12/06/2019 09:46	Site:	
Sample #: <u>422519-034</u>	Client Sample #: AOC1-W-B23EE-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209685		
Lead	29.1	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 09:49	Site:	
Sample #: <u>422519-035</u>	Client Sample #: AOC1-W-B23EE-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: 12/06/2019 09:51 **Site:**
Sample #: 422519-036 **Client Sample #:** AOC1-W-B23EE-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: 12/06/2019 10:25 **Site:**
Sample #: 422519-037 **Client Sample #:** AOC1-W-B26WW-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B								QCBatchID: QC1209685
Lead	17.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 12/06/2019 10:26 **Site:**
Sample #: 422519-038 **Client Sample #:** AOC1-W-B26WW-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: 12/06/2019 10:29 **Site:**
Sample #: 422519-039 **Client Sample #:** AOC1-W-B26WW-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: 12/06/2019 10:13 **Site:**
Sample #: 422519-040 **Client Sample #:** AOC1-W-B26SW-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B								QCBatchID: QC1209685
Lead	38.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid **Client:** Ninyo & Moore **Collector:** Client
Sampled: 12/06/2019 10:15 **Site:**
Sample #: 422519-041 **Client Sample #:** AOC1-W-B26SW-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: 12/06/2019 10:18 **Site:**
Sample #: 422519-042 **Client Sample #:** AOC1-W-B26SW-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: 12/06/2019 10:46 **Site:**
Sample #: 422519-043 **Client Sample #:** AOC1-W-B27EE-0.5' **Sample Type:**

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B NELAC Prep Method: EPA 3050B								QCBatchID: QC1209685
Lead	63.2	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:47	Site:	
Sample #: <u>422519-044</u>	Client Sample #: AOC1-W-B27EE-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: 12/06/2019 10:49	Site:	
Sample #: <u>422519-045</u>	Client Sample #: AOC1-W-B27EE-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: 12/06/2019 10:52	Site:	
Sample #: <u>422519-046</u>	Client Sample #: AOC1-W-B27SE-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209686		
Lead	48.5	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 10:55	Site:	
Sample #: <u>422519-047</u>	Client Sample #: AOC1-W-B27SE-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: 12/06/2019 10:57	Site:	
Sample #: <u>422519-048</u>	Client Sample #: AOC1-W-B27SE-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: 12/06/2019 13:01	Site:	
Sample #: <u>422519-049</u>	Client Sample #: AOC1-W-B6SW-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209686		
Lead	10.0	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 13:03	Site:	
Sample #: <u>422519-050</u>	Client Sample #: AOC1-W-B6SW-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: 12/06/2019 13:06	Site:	
Sample #: <u>422519-051</u>	Client Sample #: AOC1-W-B6SW-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: 12/06/2019 13:09	Site:	
Sample #: <u>422519-052</u>	Client Sample #: AOC1-W-B6SS-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209686	
Lead	7.39	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 13:12	Site:	
Sample #: <u>422519-053</u>	Client Sample #: AOC1-W-B6SS-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: 12/06/2019 13:13	Site:	
Sample #: <u>422519-054</u>	Client Sample #: AOC1-W-B6SS-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: 12/06/2019 13:17	Site:	
Sample #: <u>422519-055</u>	Client Sample #: AOC1-W-B6SE-0.5'	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209686	
Lead	31.2	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 13:19	Site:	
Sample #: <u>422519-056</u>	Client Sample #: AOC1-W-B6SE-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: 12/06/2019 13:22	Site:	
Sample #: <u>422519-057</u>	Client Sample #: AOC1-W-B6SE-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: 12/06/2019	Site:	
Sample #: <u>422519-058</u>	Client Sample #: DUP-69	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209686	
Lead	36.6	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019	Site:	
Sample #: <u>422519-059</u>	Client Sample #: DUP-70	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209686	
Lead	58.5	1	0.84	1	mg/Kg	12/07/19	12/09/19	SBW

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 16:07	Site:	
Sample #: <u>422519-060</u>	Client Sample #: EB-120619A	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3010A						QCBatchID: QC1209724	
Lead	ND	1	0.005	0.01	mg/L		12/10/19	SBW

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 16:16	Site:	
Sample #: 422519-061	Client Sample #: EB-120619B	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C						QCBatchID: QC1209767	
DRO (C10 to C28)	0.06 J	1	0.04	0.1	mg/L	12/10/19	12/10/19	TW B,J
ORO (C28 to C40)	ND	1	0.3	0.3	mg/L	12/10/19	12/10/19	TW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>		<i>Notes</i>			
<i>Triacontane (SUR)</i>	80		50-150					
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B						QCBatchID: QC1209507	
TPH Gasoline	ND	1	16	50	ug/L		12/08/19	EW
<i>Surrogate</i>	<i>% Recovery</i>		<i>Limits</i>		<i>Notes</i>			
<i>4-Bromofluorobenzene (SUR)</i>	98		60-140					
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B						QCBatchID: QC1209869	
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		12/12/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		12/12/19	ZZ
1,1-Dichloroethane	ND	1	0.32	5	ug/L		12/12/19	ZZ
1,1-Dichloroethene	ND	1	0.3	5	ug/L		12/12/19	ZZ
1,1-Dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		12/12/19	ZZ
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		12/12/19	ZZ
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		12/12/19	ZZ
1,2-Dibromoethane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		12/12/19	ZZ
1,2-Dichloroethane	ND	1	0.2	5	ug/L		12/12/19	ZZ
1,2-Dichloropropane	ND	1	0.36	5	ug/L		12/12/19	ZZ
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		12/12/19	ZZ
1,3-Dichloropropane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		12/12/19	ZZ
2,2-Dichloropropane	ND	1	0.32	5	ug/L		12/12/19	ZZ
2-Butanone (MEK)	5.5 J	1	0.78	100	ug/L		12/12/19	ZZ J
2-Chlorotoluene	ND	1	0.33	5	ug/L		12/12/19	ZZ
4-Chlorotoluene	ND	1	0.31	5	ug/L		12/12/19	ZZ
4-Isopropyltoluene	ND	1	0.32	5	ug/L		12/12/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		12/12/19	ZZ
Acetone	ND	1	50	100	ug/L		12/12/19	ZZ
Allyl Chloride	ND	1	0.19	5	ug/L		12/12/19	ZZ
Benzene	ND	1	0.18	1	ug/L		12/12/19	ZZ
Bromobenzene	ND	1	0.53	5	ug/L		12/12/19	ZZ
Bromochloromethane	ND	1	0.17	5	ug/L		12/12/19	ZZ
Bromodichloromethane	ND	1	0.31	5	ug/L		12/12/19	ZZ
Bromoform	ND	1	0.13	5	ug/L		12/12/19	ZZ
Bromomethane	ND	1	0.68	5	ug/L		12/12/19	ZZ
Carbon Tetrachloride	ND	1	0.27	5	ug/L		12/12/19	ZZ
Chlorobenzene	ND	1	0.19	5	ug/L		12/12/19	ZZ
Chlorodibromomethane	ND	1	0.21	5	ug/L		12/12/19	ZZ
Chloroethane	ND	1	0.45	5	ug/L		12/12/19	ZZ
Chloroform	ND	1	0.18	5	ug/L		12/12/19	ZZ
Chloromethane	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 12/06/2019 16:16

Site:

Sample #: 422519-061

Client Sample #: EB-120619B

Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1	0.23	5	ug/L		12/12/19	ZZ
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		12/12/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		12/12/19	ZZ
Ethylbenzene	ND	1	0.21	5	ug/L		12/12/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		12/12/19	ZZ
Hexachlorobutadiene	ND	1	0.51	5	ug/L		12/12/19	ZZ
Isopropylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
m and p-Xylene	ND	1	0.45	5	ug/L		12/12/19	ZZ
Methylene chloride	ND	1	0.16	5	ug/L		12/12/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		12/12/19	ZZ
Naphthalene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-butylbenzene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-propylbenzene	ND	1	0.31	5	ug/L		12/12/19	ZZ
o-Xylene	ND	1	0.29	5	ug/L		12/12/19	ZZ
Sec-butylbenzene	ND	1	0.32	5	ug/L		12/12/19	ZZ
Styrene	ND	1	0.22	5	ug/L		12/12/19	ZZ
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		12/12/19	ZZ
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		12/12/19	ZZ
Tert-butylbenzene	ND	1	0.4	5	ug/L		12/12/19	ZZ
Tetrachloroethene	ND	1	0.8	5	ug/L		12/12/19	ZZ
Toluene	ND	1	0.24	5	ug/L		12/12/19	ZZ
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		12/12/19	ZZ
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		12/12/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ
Trichloroethene	ND	1	0.39	5	ug/L		12/12/19	ZZ
Trichlorofluoromethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
Vinyl Chloride	ND	1	0.18	5	ug/L		12/12/19	ZZ
Xylenes (Total)	ND	1	0.45	5	ug/L		12/12/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

101

70-145

4-Bromofluorobenzene (SUR)

110

70-145

Dibromofluoromethane (SUR)

100

70-145

Toluene-d8 (SUR)

98

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019 16:24	Site:	
Sample #: 422519-062	Client Sample #: EB-120619C	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C						QCBatchID: QC1209767	
DRO (C10 to C28)	0.08 J	1	0.04	0.1	mg/L	12/10/19	12/10/19	TW B,J
ORO (C28 to C40)	ND	1	0.3	0.3	mg/L	12/10/19	12/10/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>			
<i>Triacontane (SUR)</i>	95		50-150					
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B						QCBatchID: QC1209507	
TPH Gasoline	ND	1	16	50	ug/L		12/08/19	EW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>			
<i>4-Bromofluorobenzene (SUR)</i>	99		60-140					
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B						QCBatchID: QC1209869	
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		12/12/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		12/12/19	ZZ
1,1-Dichloroethane	ND	1	0.32	5	ug/L		12/12/19	ZZ
1,1-Dichloroethene	ND	1	0.3	5	ug/L		12/12/19	ZZ
1,1-Dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		12/12/19	ZZ
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		12/12/19	ZZ
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		12/12/19	ZZ
1,2-Dibromoethane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		12/12/19	ZZ
1,2-Dichloroethane	ND	1	0.2	5	ug/L		12/12/19	ZZ
1,2-Dichloropropane	ND	1	0.36	5	ug/L		12/12/19	ZZ
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		12/12/19	ZZ
1,3-Dichloropropane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		12/12/19	ZZ
2,2-Dichloropropane	ND	1	0.32	5	ug/L		12/12/19	ZZ
2-Butanone (MEK)	4.6 J	1	0.78	100	ug/L		12/12/19	ZZ J
2-Chlorotoluene	ND	1	0.33	5	ug/L		12/12/19	ZZ
4-Chlorotoluene	ND	1	0.31	5	ug/L		12/12/19	ZZ
4-Isopropyltoluene	ND	1	0.32	5	ug/L		12/12/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		12/12/19	ZZ
Acetone	ND	1	50	100	ug/L		12/12/19	ZZ
Allyl Chloride	ND	1	0.19	5	ug/L		12/12/19	ZZ
Benzene	ND	1	0.18	1	ug/L		12/12/19	ZZ
Bromobenzene	ND	1	0.53	5	ug/L		12/12/19	ZZ
Bromochloromethane	ND	1	0.17	5	ug/L		12/12/19	ZZ
Bromodichloromethane	ND	1	0.31	5	ug/L		12/12/19	ZZ
Bromoform	ND	1	0.13	5	ug/L		12/12/19	ZZ
Bromomethane	ND	1	0.68	5	ug/L		12/12/19	ZZ
Carbon Tetrachloride	ND	1	0.27	5	ug/L		12/12/19	ZZ
Chlorobenzene	ND	1	0.19	5	ug/L		12/12/19	ZZ
Chlorodibromomethane	ND	1	0.21	5	ug/L		12/12/19	ZZ
Chloroethane	ND	1	0.45	5	ug/L		12/12/19	ZZ
Chloroform	ND	1	0.18	5	ug/L		12/12/19	ZZ
Chloromethane	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ

Matrix: Water

Client: Ninyo & Moore

Collector: Client

Sampled: 12/06/2019 16:24

Site:

Sample #: 422519-062

Client Sample #: EB-120619C

Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Dibromomethane	ND	1	0.23	5	ug/L		12/12/19	ZZ
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		12/12/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		12/12/19	ZZ
Ethylbenzene	ND	1	0.21	5	ug/L		12/12/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		12/12/19	ZZ
Hexachlorobutadiene	ND	1	0.51	5	ug/L		12/12/19	ZZ
Isopropylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
m and p-Xylene	ND	1	0.45	5	ug/L		12/12/19	ZZ
Methylene chloride	ND	1	0.16	5	ug/L		12/12/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		12/12/19	ZZ
Naphthalene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-butylbenzene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-propylbenzene	ND	1	0.31	5	ug/L		12/12/19	ZZ
o-Xylene	ND	1	0.29	5	ug/L		12/12/19	ZZ
Sec-butylbenzene	ND	1	0.32	5	ug/L		12/12/19	ZZ
Styrene	ND	1	0.22	5	ug/L		12/12/19	ZZ
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		12/12/19	ZZ
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		12/12/19	ZZ
Tert-butylbenzene	ND	1	0.4	5	ug/L		12/12/19	ZZ
Tetrachloroethene	ND	1	0.8	5	ug/L		12/12/19	ZZ
Toluene	ND	1	0.24	5	ug/L		12/12/19	ZZ
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		12/12/19	ZZ
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		12/12/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ
Trichloroethene	ND	1	0.39	5	ug/L		12/12/19	ZZ
Trichlorofluoromethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
Vinyl Chloride	ND	1	0.18	5	ug/L		12/12/19	ZZ
Xylenes (Total)	ND	1	0.45	5	ug/L		12/12/19	ZZ

Surrogate% RecoveryLimitsNotes

1,2-Dichloroethane-d4 (SUR)

100

70-145

4-Bromofluorobenzene (SUR)

108

70-145

Dibromofluoromethane (SUR)

100

70-145

Toluene-d8 (SUR)

99

70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019	Site:	
Sample #: <u>422519-063</u>	Client Sample #: Trip Blank A	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B						QCBatchID: QC1209869	
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		12/12/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		12/12/19	ZZ
1,1-Dichloroethane	ND	1	0.32	5	ug/L		12/12/19	ZZ
1,1-Dichloroethene	ND	1	0.3	5	ug/L		12/12/19	ZZ
1,1-Dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		12/12/19	ZZ
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		12/12/19	ZZ
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		12/12/19	ZZ
1,2-Dibromoethane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		12/12/19	ZZ
1,2-Dichloroethane	ND	1	0.2	5	ug/L		12/12/19	ZZ
1,2-Dichloropropane	ND	1	0.36	5	ug/L		12/12/19	ZZ
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		12/12/19	ZZ
1,3-Dichloropropane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		12/12/19	ZZ
2,2-Dichloropropane	ND	1	0.32	5	ug/L		12/12/19	ZZ
2-Butanone (MEK)	ND	1	0.78	100	ug/L		12/12/19	ZZ
2-Chlorotoluene	ND	1	0.33	5	ug/L		12/12/19	ZZ
4-Chlorotoluene	ND	1	0.31	5	ug/L		12/12/19	ZZ
4-Isopropyltoluene	ND	1	0.32	5	ug/L		12/12/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		12/12/19	ZZ
Acetone	ND	1	50	100	ug/L		12/12/19	ZZ
Allyl Chloride	ND	1	0.19	5	ug/L		12/12/19	ZZ
Benzene	ND	1	0.18	1	ug/L		12/12/19	ZZ
Bromobenzene	ND	1	0.53	5	ug/L		12/12/19	ZZ
Bromochloromethane	ND	1	0.17	5	ug/L		12/12/19	ZZ
Bromodichloromethane	ND	1	0.31	5	ug/L		12/12/19	ZZ
Bromoform	ND	1	0.13	5	ug/L		12/12/19	ZZ
Bromomethane	ND	1	0.68	5	ug/L		12/12/19	ZZ
Carbon Tetrachloride	ND	1	0.27	5	ug/L		12/12/19	ZZ
Chlorobenzene	ND	1	0.19	5	ug/L		12/12/19	ZZ
Chlorodibromomethane	ND	1	0.21	5	ug/L		12/12/19	ZZ
Chloroethane	ND	1	0.45	5	ug/L		12/12/19	ZZ
Chloroform	ND	1	0.18	5	ug/L		12/12/19	ZZ
Chloromethane	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ
Dibromomethane	ND	1	0.23	5	ug/L		12/12/19	ZZ
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		12/12/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		12/12/19	ZZ
Ethylbenzene	ND	1	0.21	5	ug/L		12/12/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		12/12/19	ZZ
Hexachlorobutadiene	ND	1	0.51	5	ug/L		12/12/19	ZZ
Isopropylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
m and p-Xylene	ND	1	0.45	5	ug/L		12/12/19	ZZ
Methylene chloride	2.0 J	1	0.16	5	ug/L		12/12/19	ZZ J
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		12/12/19	ZZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019	Site:	
Sample #: 422519-063	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		12/12/19	ZZ
N-butylbenzene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-propylbenzene	ND	1	0.31	5	ug/L		12/12/19	ZZ
o-Xylene	ND	1	0.29	5	ug/L		12/12/19	ZZ
Sec-butylbenzene	ND	1	0.32	5	ug/L		12/12/19	ZZ
Styrene	ND	1	0.22	5	ug/L		12/12/19	ZZ
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		12/12/19	ZZ
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		12/12/19	ZZ
Tert-butylbenzene	ND	1	0.4	5	ug/L		12/12/19	ZZ
Tetrachloroethene	ND	1	0.8	5	ug/L		12/12/19	ZZ
Toluene	ND	1	0.24	5	ug/L		12/12/19	ZZ
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		12/12/19	ZZ
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		12/12/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ
Trichloroethene	ND	1	0.39	5	ug/L		12/12/19	ZZ
Trichlorofluoromethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
Vinyl Chloride	ND	1	0.18	5	ug/L		12/12/19	ZZ
Xylenes (Total)	ND	1	0.45	5	ug/L		12/12/19	ZZ
<u>Surrogate</u>			<u>% Recovery</u>					<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)			101					70-145
4-Bromofluorobenzene (SUR)			110					70-145
Dibromofluoromethane (SUR)			98					70-145
Toluene-d8 (SUR)			100					70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019	Site:	
Sample #: 422519-064	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: QC1209869	
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		12/12/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		12/12/19	ZZ
1,1-Dichloroethane	ND	1	0.32	5	ug/L		12/12/19	ZZ
1,1-Dichloroethene	ND	1	0.3	5	ug/L		12/12/19	ZZ
1,1-Dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		12/12/19	ZZ
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		12/12/19	ZZ
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		12/12/19	ZZ
1,2-Dibromoethane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		12/12/19	ZZ
1,2-Dichloroethane	ND	1	0.2	5	ug/L		12/12/19	ZZ
1,2-Dichloropropane	ND	1	0.36	5	ug/L		12/12/19	ZZ
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		12/12/19	ZZ
1,3-Dichloropropane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		12/12/19	ZZ
2,2-Dichloropropane	ND	1	0.32	5	ug/L		12/12/19	ZZ
2-Butanone (MEK)	ND	1	0.78	100	ug/L		12/12/19	ZZ
2-Chlorotoluene	ND	1	0.33	5	ug/L		12/12/19	ZZ
4-Chlorotoluene	ND	1	0.31	5	ug/L		12/12/19	ZZ
4-Isopropyltoluene	ND	1	0.32	5	ug/L		12/12/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		12/12/19	ZZ
Acetone	ND	1	50	100	ug/L		12/12/19	ZZ
Allyl Chloride	ND	1	0.19	5	ug/L		12/12/19	ZZ
Benzene	ND	1	0.18	1	ug/L		12/12/19	ZZ
Bromobenzene	ND	1	0.53	5	ug/L		12/12/19	ZZ
Bromochloromethane	ND	1	0.17	5	ug/L		12/12/19	ZZ
Bromodichloromethane	ND	1	0.31	5	ug/L		12/12/19	ZZ
Bromoform	ND	1	0.13	5	ug/L		12/12/19	ZZ
Bromomethane	ND	1	0.68	5	ug/L		12/12/19	ZZ
Carbon Tetrachloride	ND	1	0.27	5	ug/L		12/12/19	ZZ
Chlorobenzene	ND	1	0.19	5	ug/L		12/12/19	ZZ
Chlorodibromomethane	ND	1	0.21	5	ug/L		12/12/19	ZZ
Chloroethane	ND	1	0.45	5	ug/L		12/12/19	ZZ
Chloroform	ND	1	0.18	5	ug/L		12/12/19	ZZ
Chloromethane	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ
Dibromomethane	ND	1	0.23	5	ug/L		12/12/19	ZZ
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		12/12/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		12/12/19	ZZ
Ethylbenzene	ND	1	0.21	5	ug/L		12/12/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		12/12/19	ZZ
Hexachlorobutadiene	ND	1	0.51	5	ug/L		12/12/19	ZZ
Isopropylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
m and p-Xylene	ND	1	0.45	5	ug/L		12/12/19	ZZ
Methylene chloride	2.7 J	1	0.16	5	ug/L		12/12/19	ZZ J
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		12/12/19	ZZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019	Site:	
Sample #: 422519-064	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		12/12/19	ZZ
N-butylbenzene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-propylbenzene	ND	1	0.31	5	ug/L		12/12/19	ZZ
o-Xylene	ND	1	0.29	5	ug/L		12/12/19	ZZ
Sec-butylbenzene	ND	1	0.32	5	ug/L		12/12/19	ZZ
Styrene	ND	1	0.22	5	ug/L		12/12/19	ZZ
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		12/12/19	ZZ
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		12/12/19	ZZ
Tert-butylbenzene	ND	1	0.4	5	ug/L		12/12/19	ZZ
Tetrachloroethene	ND	1	0.8	5	ug/L		12/12/19	ZZ
Toluene	ND	1	0.24	5	ug/L		12/12/19	ZZ
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		12/12/19	ZZ
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		12/12/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ
Trichloroethene	ND	1	0.39	5	ug/L		12/12/19	ZZ
Trichlorofluoromethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
Vinyl Chloride	ND	1	0.18	5	ug/L		12/12/19	ZZ
Xylenes (Total)	ND	1	0.45	5	ug/L		12/12/19	ZZ
<u>Surrogate</u>			<u>% Recovery</u>					<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)			100					70-145
4-Bromofluorobenzene (SUR)			110					70-145
Dibromofluoromethane (SUR)			98					70-145
Toluene-d8 (SUR)			100					70-145

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019	Site:	
Sample #: 422519-065	Client Sample #: Trip Blank C	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 8260B NELAC	Prep Method: EPA 5030B						QCBatchID: QC1209869	
1,1,1,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,1-Trichloroethane	ND	1	0.38	5	ug/L		12/12/19	ZZ
1,1,2,2-Tetrachloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichloroethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,1,2-Trichlorotrifluoroethane	ND	1	0.29	5	ug/L		12/12/19	ZZ
1,1-Dichloroethane	ND	1	0.32	5	ug/L		12/12/19	ZZ
1,1-Dichloroethene	ND	1	0.3	5	ug/L		12/12/19	ZZ
1,1-Dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
1,2,3-Trichlorobenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2,3-Trichloropropane	ND	1	0.16	5	ug/L		12/12/19	ZZ
1,2,4-Trichlorobenzene	ND	1	0.27	5	ug/L		12/12/19	ZZ
1,2,4-Trimethylbenzene	ND	1	0.28	5	ug/L		12/12/19	ZZ
1,2-Dibromo-3-chloropropane	ND	1	0.12	5	ug/L		12/12/19	ZZ
1,2-Dibromoethane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,2-Dichlorobenzene	ND	1	0.26	5	ug/L		12/12/19	ZZ
1,2-Dichloroethane	ND	1	0.2	5	ug/L		12/12/19	ZZ
1,2-Dichloropropane	ND	1	0.36	5	ug/L		12/12/19	ZZ
1,3,5-Trimethylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
1,3-Dichlorobenzene	ND	1	0.34	5	ug/L		12/12/19	ZZ
1,3-Dichloropropane	ND	1	0.19	5	ug/L		12/12/19	ZZ
1,4-Dichlorobenzene	ND	1	0.43	5	ug/L		12/12/19	ZZ
2,2-Dichloropropane	ND	1	0.32	5	ug/L		12/12/19	ZZ
2-Butanone (MEK)	ND	1	0.78	100	ug/L		12/12/19	ZZ
2-Chlorotoluene	ND	1	0.33	5	ug/L		12/12/19	ZZ
4-Chlorotoluene	ND	1	0.31	5	ug/L		12/12/19	ZZ
4-Isopropyltoluene	ND	1	0.32	5	ug/L		12/12/19	ZZ
4-Methyl-2-pentanone (MIBK)	ND	1	0.12	5	ug/L		12/12/19	ZZ
Acetone	ND	1	50	100	ug/L		12/12/19	ZZ
Allyl Chloride	ND	1	0.19	5	ug/L		12/12/19	ZZ
Benzene	ND	1	0.18	1	ug/L		12/12/19	ZZ
Bromobenzene	ND	1	0.53	5	ug/L		12/12/19	ZZ
Bromochloromethane	ND	1	0.17	5	ug/L		12/12/19	ZZ
Bromodichloromethane	ND	1	0.31	5	ug/L		12/12/19	ZZ
Bromoform	ND	1	0.13	5	ug/L		12/12/19	ZZ
Bromomethane	ND	1	0.68	5	ug/L		12/12/19	ZZ
Carbon Tetrachloride	ND	1	0.27	5	ug/L		12/12/19	ZZ
Chlorobenzene	ND	1	0.19	5	ug/L		12/12/19	ZZ
Chlorodibromomethane	ND	1	0.21	5	ug/L		12/12/19	ZZ
Chloroethane	ND	1	0.45	5	ug/L		12/12/19	ZZ
Chloroform	ND	1	0.18	5	ug/L		12/12/19	ZZ
Chloromethane	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,2-Dichloroethene	ND	1	0.27	5	ug/L		12/12/19	ZZ
cis-1,3-dichloropropene	ND	1	0.25	5	ug/L		12/12/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ
Dibromomethane	ND	1	0.23	5	ug/L		12/12/19	ZZ
Dichlorodifluoromethane	ND	1	0.33	5	ug/L		12/12/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	0.17	1	ug/L		12/12/19	ZZ
Ethylbenzene	ND	1	0.21	5	ug/L		12/12/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	0.23	1	ug/L		12/12/19	ZZ
Hexachlorobutadiene	ND	1	0.51	5	ug/L		12/12/19	ZZ
Isopropylbenzene	ND	1	0.24	5	ug/L		12/12/19	ZZ
m and p-Xylene	ND	1	0.45	5	ug/L		12/12/19	ZZ
Methylene chloride	2.5 J	1	0.16	5	ug/L		12/12/19	ZZ J
Methyl-t-butyl Ether (MTBE)	ND	1	0.19	1	ug/L		12/12/19	ZZ

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/06/2019	Site:	
Sample #: 422519-065	Client Sample #: Trip Blank C	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Naphthalene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-butylbenzene	ND	1	0.25	5	ug/L		12/12/19	ZZ
N-propylbenzene	ND	1	0.31	5	ug/L		12/12/19	ZZ
o-Xylene	ND	1	0.29	5	ug/L		12/12/19	ZZ
Sec-butylbenzene	ND	1	0.32	5	ug/L		12/12/19	ZZ
Styrene	ND	1	0.22	5	ug/L		12/12/19	ZZ
t-Butyl alcohol (TBA)	ND	1	5.2	10	ug/L		12/12/19	ZZ
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/L		12/12/19	ZZ
Tert-butylbenzene	ND	1	0.4	5	ug/L		12/12/19	ZZ
Tetrachloroethene	ND	1	0.8	5	ug/L		12/12/19	ZZ
Toluene	ND	1	0.24	5	ug/L		12/12/19	ZZ
trans-1,2-dichloroethene	ND	1	0.33	5	ug/L		12/12/19	ZZ
trans-1,3-dichloropropene	ND	1	0.23	5	ug/L		12/12/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	0.17	5	ug/L		12/12/19	ZZ
Trichloroethene	ND	1	0.39	5	ug/L		12/12/19	ZZ
Trichlorofluoromethane	ND	1	0.25	5	ug/L		12/12/19	ZZ
Vinyl Chloride	ND	1	0.18	5	ug/L		12/12/19	ZZ
Xylenes (Total)	ND	1	0.45	5	ug/L		12/12/19	ZZ
<u>Surrogate</u>			<u>% Recovery</u>		<u>Limits</u>			<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)			103		70-145			
4-Bromofluorobenzene (SUR)			109		70-145			
Dibromofluoromethane (SUR)			101		70-145			
Toluene-d8 (SUR)			99		70-145			

QCBatchID: QC1209387	Analyst: sandyw	Method: EPA 8015B
Matrix: Solid	Analyzed: 12/14/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209387MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209387LCS1											
TPH Gasoline	5		5.7		mg/Kg	114			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209387MS1, QC1209387MSD1												
TPH Gasoline	ND	5	5	5.1	5.3	mg/Kg	102	106	3.8	70-130	20	Source: 422710-004

QCBatchID: <u>QC1209507</u>	Analyst: sandyw	Method: EPA 8015B
Matrix: Water	Analyzed: 12/07/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209507MB1					
TPH (C6 to C10)	ND	ug/L	16	50	
TPH Gasoline	ND	ug/L	16	50	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209507LCS1											
TPH Gasoline	500		490		ug/L	98			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209507MS1, QC1209507MSD1 Source: 422265-001												
TPH Gasoline	ND	500	500	500	500	ug/L	100	100	0.0	70-130	30	

QC Batch ID: QC1209685	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/07/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209685MB1					
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	0.18 J	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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209685LCS1											
Antimony	100		97.6		mg/Kg	98			80-120		
Arsenic	100		94.2		mg/Kg	94			80-120		
Barium	100		98.3		mg/Kg	98			80-120		
Beryllium	100		91.3		mg/Kg	91			80-120		
Cadmium	100		88.6		mg/Kg	89			80-120		
Chromium	100		87.6		mg/Kg	88			80-120		
Cobalt	100		93.5		mg/Kg	94			80-120		
Copper	100		89.9		mg/Kg	90			80-120		
Lead	100		101		mg/Kg	101			80-120		
Molybdenum	100		93.5		mg/Kg	94			80-120		
Nickel	100		100		mg/Kg	100			80-120		
Selenium	100		92.0		mg/Kg	92			80-120		
Silver	100		88.8		mg/Kg	89			80-120		
Thallium	100		94.7		mg/Kg	95			80-120		
Vanadium	100		94.4		mg/Kg	94			80-120		
Zinc	100		90.0		mg/Kg	90			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209685MS1, QC1209685MSD1												Source: 422350-124
Antimony	ND	100	100	48.5	43.7	mg/Kg	49	44	10.4	75-125	20	M
Arsenic	4.87	100	100	98.9	93.7	mg/Kg	94	89	5.4	75-125	20	
Barium	114	100	100	199	190	mg/Kg	85	76	4.6	75-125	20	
Beryllium	ND	100	100	90.9	90.6	mg/Kg	93	92	0.3	75-125	20	
Cadmium	0.89	100	100	89.3	82.3	mg/Kg	88	81	8.2	75-125	20	
Chromium	17.4	100	100	112	114	mg/Kg	95	97	1.8	75-125	20	
Cobalt	9.30	100	100	103	94.5	mg/Kg	94	85	8.6	75-125	20	
Copper	21.8	100	100	115	114	mg/Kg	93	92	0.9	75-125	20	
Lead	95.6	100	100	135	139	mg/Kg	39	43	2.9	75-125	20	M
Molybdenum	1.20	100	100	94.9	92.0	mg/Kg	94	91	3.1	75-125	20	

QCBatchID: QC1209685**Analyst:** dswafford**Method:** EPA 6010B**Matrix:** Solid**Analyzed:** 12/07/2019**Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209685MS1, QC1209685MSD1											Source: 422350-124	
Nickel	12.8	100	100	105	99.2	mg/Kg	92	86	5.7	75-125	20	
Selenium	ND	100	100	84.4	78.1	mg/Kg	84	78	7.8	75-125	20	
Silver	ND	100	100	132	129	mg/Kg	132	129	2.3	75-125	20	M
Thallium	ND	100	100	96.1	95.1	mg/Kg	96	95	1.0	75-125	20	
Vanadium	37.9	100	100	143	142	mg/Kg	105	104	0.7	75-125	20	
Zinc	138	100	100	172	179	mg/Kg	34	41	4.0	75-125	20	M

QCBatchID: <u>QC1209686</u>	Analyst: dswafford	Method: EPA 6010B
Matrix: Solid	Analyzed: 01/01/1900	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209686MB1					
Lead	ND	mg/Kg	0.84	1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209686LCS1											
Lead	100		106		mg/Kg	106				80-120	

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209686MS1, QC1209686MSD1												
Lead	27.7	100	100	128	120	mg/Kg	100	92	6.5	75-125	20	Source: 422519-045

QCBatchID: QC1209720	Analyst: TWu	Method: EPA 8015M
Matrix: Solid	Analyzed: 12/09/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209720MB1					
DRO (C10 to C28)	ND	mg/Kg	10	10	
ORO (C28 to C40)	ND	mg/Kg	20	20	
TPH (C10 to C24)	ND	mg/Kg	10	10	
TPH (C10 to C28)	ND	mg/Kg	10	10	
TPH (C24 to C36)	ND	mg/Kg	20	20	
TPH Diesel	ND	mg/Kg	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209720LCS1											
TPH (C10 to C28)	250		280		mg/Kg	112			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209720MS1, QC1209720MSD1												
TPH (C10 to C28)	11	250	250	280	320	mg/Kg	108	124	13.3	70-130	20	Source: 422452-001

QC Batch ID: QC1209724	Analyst: rvenegas	Method: EPA 6010B
Matrix: Water	Analyzed: 12/09/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209724MB1					
Aluminum	ND	mg/L	0.033	0.05	
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	
Iron	ND	mg/L	0.008	0.02	
Lead	0.007 J	mg/L	0.005	0.01	
Magnesium	ND	mg/L	0.044	0.1	
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209724LCS1											
Antimony	2		2.06		mg/L	103			80-120		
Arsenic	2		1.80		mg/L	90			80-120		
Barium	2		2.00		mg/L	100			80-120		
Beryllium	2		1.97		mg/L	99			80-120		
Cadmium	2		1.84		mg/L	92			80-120		
Chromium	2		1.88		mg/L	94			80-120		
Cobalt	2		1.89		mg/L	95			80-120		
Copper	2		1.96		mg/L	98			80-120		
Lead	2		1.90		mg/L	95			80-120		
Molybdenum	2		1.84		mg/L	92			80-120		
Nickel	2		1.93		mg/L	97			80-120		
Selenium	2		1.76		mg/L	88			80-120		
Silver	2		1.77		mg/L	89			80-120		
Thallium	2		1.96		mg/L	98			80-120		
Vanadium	2		2.24		mg/L	112			80-120		
Zinc	2		1.96		mg/L	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209724MS1, QC1209724MSD1												
Antimony	ND	1	1	0.949	0.964	mg/L	95	96	1.6	75-125	20	
Arsenic	ND	1	1	0.861	0.889	mg/L	86	89	3.2	75-125	20	
Barium	ND	1	1	0.936	0.909	mg/L	94	91	2.9	75-125	20	
Beryllium	ND	1	1	0.881	0.882	mg/L	88	88	0.1	75-125	20	
Cadmium	ND	1	1	0.951	0.916	mg/L	95	92	3.7	75-125	20	
Chromium	ND	1	1	0.894	0.875	mg/L	89	88	2.1	75-125	20	
Cobalt	ND	1	1	0.966	0.950	mg/L	97	95	1.7	75-125	20	

QCBatchID: QC1209724**Analyst: rvenegas****Method: EPA 6010B****Matrix: Water****Analyzed: 12/09/2019****Instrument: AAICP (group)**

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209724MS1, QC1209724MSD1											Source: 422519-060	
Copper	0.009	1	1	0.863	0.857	mg/L	85	85	0.7	75-125	20	
Lead	ND	1	1	1.01	1.06	mg/L	101	106	4.8	75-125	20	
Molybdenum	0.010	1	1	0.968	1.03	mg/L	96	102	6.2	75-125	20	
Nickel	ND	1	1	0.999	1.05	mg/L	100	105	5.0	75-125	20	
Selenium	0.028	1	1	0.835	0.864	mg/L	81	84	3.4	75-125	20	
Silver	ND	1	1	0.878	0.861	mg/L	88	86	2.0	75-125	20	
Thallium	0.096	1	1	0.986	1.00	mg/L	89	90	1.4	75-125	20	
Vanadium	ND	1	1	0.989	0.991	mg/L	99	99	0.2	75-125	20	
Zinc	0.029	1	1	0.982	1.02	mg/L	95	99	3.8	75-125	20	

QCBatchID: <u>QC1209767</u>	Analyst: Abanh	Method: EPA 8015B
Matrix: Water	Analyzed: 12/10/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209767MB1					
DRO (C10 to C28)	0.10	mg/L	0.04	0.1	B
ORO (C28 to C40)	ND	mg/L	0.3	0.3	
TPH (C10 to C22)	0.08 J	mg/L	0.04	0.1	
TPH (C22 to C36)	ND	mg/L	0.07	0.3	
TPH Diesel	0.10	mg/L	0.04	0.1	B

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209767LCS1, QC1209767LCSD1											
TPH Diesel	1	1	0.81	0.84	mg/L	81	84	4	53.1-99	20	

QC Batch ID: **QC1209822**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 12/11/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209822MB1					
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: QC1209822	Analyst: nicollez	Method: EPA 8260B
Matrix: Solid	Analyzed: 12/11/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209822MB1					
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209822LCS1											
1,1-Dichloroethene	50		52		ug/Kg	104			59-172		
Benzene	50		50		ug/Kg	100			62-137		
Chlorobenzene	50		49		ug/Kg	98			60-133		
Methyl-t-butyl Ether (MTBE)	50		47		ug/Kg	94			62-137		
Toluene	50		48		ug/Kg	96			59-139		
Trichloroethene	50		46		ug/Kg	92			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209822MS1, QC1209822MSD1 Source: 422476-003												
1,1-Dichloroethene	ND	50	50	52	50	ug/Kg	104	100	3.9	59-172	22	
Benzene	ND	50	50	48	46	ug/Kg	96	92	4.3	62-137	24	
Chlorobenzene	ND	50	50	46	44	ug/Kg	92	88	4.4	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	47	48	ug/Kg	94	96	2.1	62-137	21	
Toluene	0.46	50	50	45	44	ug/Kg	89	87	2.2	59-139	21	
Trichloroethene	ND	50	50	45	43	ug/Kg	90	86	4.5	66-142	21	

QCBatchID: **QC1209869**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 12/11/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209869MB1					
1,1,1,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,1-Trichloroethane	ND	ug/L	0.38	5	
1,1,2-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: QC1209869	Analyst: lucy	Method: EPA 8260B
Matrix: Water	Analyzed: 12/11/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209869MB1					
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209869LCS1											
1,1-Dichloroethene	50		51		ug/L	102			59-172		
Benzene	50		50		ug/L	100			62-137		
Chlorobenzene	50		50		ug/L	100			60-133		
Methyl-t-butyl Ether (MTBE)	50		48		ug/L	96			62-137		
Toluene	50		51		ug/L	102			59-139		
Trichloroethene	50		46		ug/L	92			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209869MS1, QC1209869MSD1												
Source: 422519-010												
1,1-Dichloroethene	ND	50	50	55	54	ug/L	110	108	1.8	59-172	22	
Benzene	0.3	50	50	53	55	ug/L	105	109	3.7	62-137	24	
Chlorobenzene	ND	50	50	52	53	ug/L	104	106	1.9	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	50	52	ug/L	100	104	3.9	62-137	21	
Toluene	0.36	50	50	51	53	ug/L	101	105	3.8	59-139	21	
Trichloroethene	ND	50	50	45	47	ug/L	90	94	4.3	66-142	21	

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212570MB1					
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: QC1212570	Analyst: Rlee	Method: EPA 8260B
Matrix: Solid	Analyzed: 12/16/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212570MB1					
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	
TPH Gasoline	ND	ug/Kg	17.3	100	
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1212570LCS1, QC1212570LCSD1											
1,1-Dichloroethene	50	50	49	56	ug/Kg	98	112	13	59-172	22	
Benzene	50	50	47	50	ug/Kg	94	100	6	62-137	24	
Chlorobenzene	50	50	47	50	ug/Kg	94	100	6	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	42	42	ug/Kg	84	84	0	62-137	21	
Toluene	50	50	49	54	ug/Kg	98	108	10	59-139	21	
TPH Gasoline	500	500	512.243	483.081	ug/Kg	102	97	6	60-140	30	
Trichloroethene	50	50	46	51	ug/Kg	92	102	10	66-142	21	

QCBatchID: QC1212678	Analyst: lucy	Method: EPA 8015B
Matrix: Solid	Analyzed: 12/17/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212678MB1					
TPH Gasoline	ND	mg/Kg	0.239	3	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1212678LCS1											
TPH Gasoline	5		5.5		mg/Kg	110			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1212678MS1, QC1212678MSD1												
TPH Gasoline	ND	5	5	5.8	5.8	mg/Kg	116	116	0.0	70-130	20	Source: 422711-021

QCBatchID: **QC1212681**

Analyst: lucy

Method: EPA 8260B

Matrix: Solid

Analyzed: 12/18/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212681MB1					
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: QC1212681	Analyst: lucy	Method: EPA 8260B
Matrix: Solid	Analyzed: 12/18/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212681MB1					
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1212681LCS1											
1,1-Dichloroethene	50		64		ug/Kg	128			59-172		
Benzene	50		55		ug/Kg	110			62-137		
Chlorobenzene	50		50		ug/Kg	100			60-133		
Methyl-t-butyl Ether (MTBE)	50		49		ug/Kg	98			62-137		
Toluene	50		53		ug/Kg	106			59-139		
Trichloroethene	50		48		ug/Kg	96			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1212681MS1, QC1212681MSD1												
Source: 422711-021												
1,1-Dichloroethene	ND	50	50	57	54	ug/Kg	114	108	5.4	59-172	22	
Benzene	ND	50	50	52	50	ug/Kg	104	100	3.9	62-137	24	
Chlorobenzene	ND	50	50	44	42	ug/Kg	88	84	4.7	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	49	49	ug/Kg	98	98	0.0	62-137	21	
Toluene	0.78	50	50	48	46	ug/Kg	94	90	4.3	59-139	21	
Trichloroethene	ND	50	50	60	63	ug/Kg	120	126	4.9	66-142	21	

QCBatchID: QC1212695	Analyst: rvenegas	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/18/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212695MB1					
Antimony	2.61 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	
Calcium	5.28 J	mg/Kg	1.5	50	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Iron	1.80 J	mg/Kg	1.1	5	
Lead	ND	mg/Kg	0.32	1	
Molybdenum	ND	mg/Kg	0.13	1	
Nickel	0.24 J	mg/Kg	0.2	1.5	
Potassium	ND	mg/Kg	17	50	
Selenium	ND	mg/Kg	0.72	3	
Silver	ND	mg/Kg	0.13	0.5	
Thallium	1.78 J	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	0.52 J	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1212695LCS1											
Antimony	100		93.3		mg/Kg	93			80-120		
Arsenic	100		86.9		mg/Kg	87			80-120		
Barium	100		93.2		mg/Kg	93			80-120		
Beryllium	100		85.2		mg/Kg	85			80-120		
Cadmium	100		93.2		mg/Kg	93			80-120		
Chromium	100		88.6		mg/Kg	89			80-120		
Cobalt	100		96.0		mg/Kg	96			80-120		
Copper	100		96.4		mg/Kg	96			80-120		
Lead	100		101		mg/Kg	101			80-120		
Molybdenum	100		91.6		mg/Kg	92			80-120		
Nickel	100		99.7		mg/Kg	100			80-120		
Selenium	100		88.2		mg/Kg	88			80-120		
Silver	100		90.4		mg/Kg	90			80-120		
Thallium	100		96.4		mg/Kg	96			80-120		
Vanadium	100		91.2		mg/Kg	91			80-120		
Zinc	100		99.8		mg/Kg	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1212695MS1, QC1212695MSD1												Source: 422872-005
Antimony	ND	100	100	47.7	48.0	mg/Kg	48	48	0.6	75-125	20	M
Arsenic	1.28	100	100	85.0	78.8	mg/Kg	84	78	7.6	75-125	20	
Barium	75.4	100	100	128	115	mg/Kg	53	40	10.7	75-125	20	M
Beryllium	ND	100	100	79.6	75.7	mg/Kg	80	76	5.0	75-125	20	
Cadmium	0.54	100	100	84.5	79.6	mg/Kg	84	79	6.0	75-125	20	
Chromium	40.8	100	100	150	143	mg/Kg	109	102	4.8	75-125	20	
Cobalt	6.26	100	100	90.7	83.3	mg/Kg	84	77	8.5	75-125	20	

QC Batch ID: **QC1212695**

Analyst: rvenegas

Method: EPA 6010B

Matrix: Solid

Analyzed: 12/18/2019

Instrument: AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1212695MS1, QC1212695MSD1											Source: 422872-005	
Copper	7.47	100	100	100	98.1	mg/Kg	93	91	1.9	75-125	20	
Lead	1.85	100	100	94.3	90.4	mg/Kg	92	89	4.2	75-125	20	
Molybdenum	3.71	100	100	95.7	92.5	mg/Kg	92	89	3.4	75-125	20	
Nickel	6.52	100	100	94.2	90.3	mg/Kg	88	84	4.2	75-125	20	
Selenium	ND	100	100	80.6	80.2	mg/Kg	81	80	0.5	75-125	20	
Silver	ND	100	100	83.7	78.6	mg/Kg	84	79	6.3	75-125	20	
Thallium	2.40	100	100	83.2	80.1	mg/Kg	81	78	3.8	75-125	20	
Vanadium	37.2	100	100	116	106	mg/Kg	79	69	9.0	75-125	20	M
Zinc	22.3	100	100	106	101	mg/Kg	84	79	4.8	75-125	20	

QCBatchID: QC1212786	Analyst: TWu	Method: EPA 8015M
Matrix: Solid	Analyzed: 12/19/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212786MB1					
DRO (C10 to C28)	ND	mg/Kg	10	10	
ORO (C28 to C40)	ND	mg/Kg	10	10	
TPH (C10 to C28)	ND	mg/Kg	10	10	
TPH (C13 to C22)	ND	mg/Kg	10	10	
TPH (C23 to C44)	ND	mg/Kg	10	10	
TPH (C28 to C40)	ND	mg/Kg	10	10	
TPH (C6 to C12)	ND	mg/Kg	10	10	
TPH (C8 to C10)	ND	mg/Kg	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1212786LCS1											
TPH (C10 to C28)	250		230		mg/Kg	92			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1212786MS1, QC1212786MSD1												
TPH (C10 to C28)	ND	250	250	240	240	mg/Kg	96	96	0.0	70-130	20	Source: 422761-004

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: 422519

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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION	PROJECT INFORMATION	Analysis Request	Test Instructions / Comments
----------------------	---------------------	------------------	------------------------------

Company: Ninyo & Moore	Name: Compton High School PEA	Lead (6010B) TPHg,d,o (8015B/5035) VOCs (8260B/5035) TPHg,d,o (8015B) VOCs (8260B)	
Report To: Patrick Cullip	Number: 210886002		
Email: pcullip@ninyoandmoore.com	P.O. #:		
Address: 475 Goddard, Suite 200	Address: 601 South Acacia Avenue		
Irvine, CA 92618	Compton, CA 90220		
Phone: (949) 753-7070	Global ID:		
Fax: (949) 753-7071	Sampled By: AUC & CX & LNT		

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold							
1 AOC4-SV12WW-5'	12/6/19	1003	SOIL	1-sieve 5-VCAs	ICE						X							Hold
2 AOC4-SV12WW-10'		1006			ICE						X							Hold
3 AOC4-SV12WW-15'		1011			ICE						X							Hold
4 AOC4-SV12WW-20'		1015			ICE		X	X										
5 AOC4-SV12WW-25'		1021			ICE						X							Hold
6 AOC4-SV12WW-30'		1029			ICE		X	X										
7 AOC4-SV12WW-35'		1038			ICE						X							Hold
8 AOC4-SV12WW-40'		1050			ICE						X							Hold
9 AOC4-SV12WW-45'		1103			ICE						X							Hold
10 AOC4-SV12WW-GW		1301	H ₂ O	VARIOUS	ICE				X	X								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	12/6/19 1821
1 Received By:		Elizabeth Ramirez	EA	12/6/19 1821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

Lab No: **422519**
 Page: **2** of **7**

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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION			PROJECT INFORMATION				Analysis Request						Test Instructions / Comments												
Company:	Ninyo & Moore		Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold													
Report To:	Patrick Cullip		Number:	210886002																					
Email:	pcullip@ninyoandmoore.com		P.O. #:																						
Address:	475 Goddard, Suite 200		Address:	601 South Acacia Avenue																					
	Irvine, CA 92618			Compton, CA 90220																					
Phone:	(949) 753-7070		Global ID:																						
Fax:	(949) 753-7071		Sampled By:	AUC & CX & LNT																					
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																				
1	A004-SV11SS-5'	12/6/19	1315	SOIL	1-sieve 3-VOCs	ICE															X				Hold
2	A004-SV11SS-10'		1321			ICE															X				Hold
3	A004-SV11SS-15'		1329			ICE						X				Hold									
4	A004-SV11SS-20'		1334			ICE						X				Hold									
5	A004-SV11SS-25'		1341			ICE						X				Hold									
6	A004-SV11SS-30'		1352			ICE	X	X																	
7	A004-SV11SS-35'		1402			ICE	X	X																	
8	A004-SV11SS-40'		1415			ICE						X				Hold									
9	A004-SV11SS-45'		1429			ICE						X				Hold									
10	A004-SV11SS-50'		1450			ICE						X				Hold									
Signature			Print Name			Company / Title			Date / Time																
1 Relinquished By:			AUC			N & M			12/6/19 1821																
1 Received By:			Elizabeth Ramirez			ER			12/6/19 1821																
2 Relinquished By:																									
2 Received By:																									
3 Relinquished By:																									
3 Received By:																									



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: **422519**
 Page: **3** 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
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Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION			PROJECT INFORMATION				Analysis Request						Test Instructions / Comments		
Company:	Ninyo & Moore		Name:	Compton High School PEA			Lead (6010B)	TPHg,d,p (8015B/5035)	VOCs (8260B/5035)	TPHg,d,p (8015B)	VOCs (8260B)	Hold			
Report To:	Patrick Cullip		Number:	210886002											
Email:	pcullip@ninyoandmoore.com		P.O. #:												
Address:	475 Goddard, Suite 200		Address:	601 South Acacia Avenue											
	Irvine, CA 92618			Compton, CA 90220											
Phone:	(949) 753-7070		Global ID:												
Fax:	(949) 753-7071		Sampled By:	AUC & CX & LNT											
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,p (8015B/5035)	VOCs (8260B/5035)	TPHg,d,p (8015B)	VOCs (8260B)	Hold				
1	AOC4-SV11SS-5.5'	12/6/19	1517	SOIL	1-sieve 3-VOAS	ICE					X				Hold
2	AOC1-W-B22NW-0.5'		0839		1-8oz jar	ICE	X								
3	AOC1-W-B22NW-1.5'		0837			ICE					X				Hold
4	AOC1-W-B22NW-2.5'		0859			ICE					X				Hold
5	AOC1-W-B22NW-0.5		0902			ICE	X								
6	AOC1-W-B22NW-1.5		0904			ICE					X				Hold
7	AOC1-W-B22NW-2.5		0906			ICE					X				Hold
8	AOC1-W-B23NW-0.5		0921			ICE	X								
9	AOC1-W-B23NW-1.5		0923			ICE					X				Hold
10	AOC1-W-B23NW-2.5		0926			ICE					X				Hold
Signature			Print Name			Company / Title			Date / Time						
1 Relinquished By:			Audrey Carroll			N & M			12/6/19 1821						
1 Received By:			Elizabeth Ramirez			EA			12/10/19 1821						
2 Relinquished By:															
2 Received By:															
3 Relinquished By:															
3 Received By:															



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

422519

Page:

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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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold								
1 AOCI-W-B23NE-0.5	12/6/19	0928	SOIL	1-8oz jar	ICE	X													
2 AOCI-W-B23NE-1.5		0932			ICE						X								Hold
3 AOCI-W-B23NE-2.5		0936			ICE						X								Hold
4 AOCI-W-B23EE-0.5		0946			ICE	X													
5 AOCI-W-B23EE-1.5		0949			ICE						X								Hold
6 AOCI-W-B23EE-2.5		0951			ICE						X								Hold
7 AOCI-W-B26WW-0.5		1025			ICE	X													
8 AOCI-W-B26WW-1.5		1026			ICE						X								Hold
9 AOCI-W-B26WW-2.5		1029			ICE						X								Hold
10 AOCI-W-B26SW-0.5		1013			ICE	X													

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	12/6/19 1821
1 Received By:		Elizabeth Ramirez	SA	12/6/19 1821
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				



Chain of Custody Record

Lab No: 422519

Page: 5 of 7

Turn Around Time (rush by advanced notice)

Standard: X

5 Day: []

3 Day: []

2 Day: []

1 Day: []

Custom TAT: []

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp: []
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request				Test Instructions / Comments	
Company:	Ninyo & Moore	Name:	Compton High School PEA	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold
Report To:	Patrick Cullip	Number:	210886002						
Email:	pcullip@ninyoandmoore.com	P.O. #:							
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue						
	Irvine, CA 92618		Compton, CA 90220						
Phone:	(949) 753-7070	Global ID:							
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT						

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold							
1 AOCI-W-B26SW-1.5	12/6/19	1015	SOIL	1-8oz jar	ICE						X							Hold
2 AOCI-W-B26SW-2.5		1018			ICE						X							Hold
3 AOCI-W-B27EE-0.5		1046			ICE	X												
4 AOCI-W-B27EE-1.5		1047			ICE						X							Hold
5 AOCI-W-B27EE-2.5		1049			ICE						X							Hold
6 AOCI-W-B27SE-0.5		1052			ICE	X												
7 AOCI-W-B27SE-1.5		1055			ICE						X							Hold
8 AOCI-W-B27SE-2.5		1057			ICE						X							Hold
9 AOCI-W-B6SW-0.5		1301			ICE	X												
10 AOCI-W-B6SW-1.5		1303			ICE						X							Hold

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	12/6/19 18:21
1 Received By:		Elizabeth Ramirez	EA	12/6/19 18:21
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No:

422519

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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

Matrix: A = Air S = Soil/Solid
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Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & CX & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d.o (8015B/5035)	VOCs (8260B/5035)	TPHg,d.o (8015B)	VOCs (8260B)	Hold								
1 A001-W-B6SW-2.5	12/6/19	1306	SOIL	1-8oz jar	ICE						X								Hold
2 A001-W-B6SS-0.5		1309			ICE	X													
3 A001-W-B6SS-1.5		1312			ICE						X								Hold
4 A001-W-B6SS-2.5		1313			ICE						X								Hold
5 A001-W-B6SE-0.5		1317			ICE	X													
6 A001-W-B6SE-1.5		1319			ICE						X								Hold
7 A001-W-B6SE-2.5		1322			ICE						X								Hold
8 DUP-69		—			ICE	X													
9 DUP-70		—			ICE	X													
10 EB-120619A		1607	H ₂ O	VARIOUS	ICE	X													

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	N & M	12/6/19 1821
¹ Received By:		Elizabeth Ramirez	EA	12/6/19 18:21
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: **422519**
 Page: **7** 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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION			PROJECT INFORMATION				Analysis Request						Test Instructions / Comments												
Company:	Ninyo & Moore		Name:	Compton High School PEA			Lead (6010B)	TPH _{g,d,o} (8015B/5035)	VOCs (8260B/5035)	TPH _{g,d,o} (8015B)	VOCs (8260B)	Hold													
Report To:	Patrick Cullip		Number:	210886002																					
Email:	pcullip@ninyoandmoore.com		P.O. #:																						
Address:	475 Goddard, Suite 200		Address:	601 South Acacia Avenue																					
	Irvine, CA 92618			Compton, CA 90220																					
Phone:	(949) 753-7070		Global ID:																						
Fax:	(949) 753-7071		Sampled By:	AUC & CX & LNT																					
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																				
1	EB-120619B	12/6/19	1616	H ₂ O	VARIOUS	ICE																			
2	EB-120619C	↓	1624	↓	↓	ICE																			
3	Trip Blank A	↓	—	↓	2-VOCs	ICE										Do Not Analyze for TPH									
4	Trip Blank B	↓	—	↓	↓	ICE										Do Not Analyze for TPH									
5	Trip Blank C	↓	—	↓	↓	ICE										Do Not Analyze for TPH									
6	AUC 12/6/19					ICE																			
7						ICE																			
8						ICE																			
9						ICE																			
10						ICE																			
			Signature	Print Name			Company / Title			Date / Time															
1	Relinquished By:		Audrey Carroil			N & M			12/6/19 1821																
1	Received By:		Elizabeth Ramirez			SA			12/6/19 1821																
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: 12/6/19

Sampler's Name Present: Yes No

Section 2

Sample(s) received in a cooler? Yes, How many? 3 No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 9.5 #2: 16.7 #3: 3.2 #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: 5.6 #2: 15.1 #3: 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

LIMITED VOLUME WAS RECEIVED FOR BODISEPH "ADCA-SV12WW-GW"

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: 12/6/19

From: [Patrick J. Cullip](#)
To: [Ranjit Clarke](#)
Cc: [Jay Roberts](#); [Audrey Carroll](#)
Subject: RE: Compton High School PEA (12/06/19) - Enthalpy Analytical Final Report #422519
Date: Tuesday, December 17, 2019 11:14:49 AM

Ranjit,

Please run the following samples for TPHg/d/o and VOCs by 8015B and 8260B, respectively, on a 3-day TAT:

- AOC4-SV12WW-15'
- AOC4-SV12WW-25'
- AOC4-SV12WW-35'
- AOC4-SV11SS-25'
- AOC4-SV11SS-40'

Also, run AOC1-W-B22NW-1.5' for lead by 6010B under 3-day TAT.

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Monday, December 16, 2019 3:45 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: Compton High School PEA (12/06/19) - Enthalpy Analytical Final Report #422519

Hi Patrick Cullip,

Attached is your final report #422519. A few samples exceeded the TCLP and STLC Lead limits. Please let me know if you require these to be analyzed, as well as any hold samples.

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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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



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

Lab Request: 422541
Report Date: 12/16/2019
Date Received: 12/09/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia Avenue, 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**

422541-001 WC-120919A

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.

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.

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Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 11:05	Site:	
Sample #: <u>422541-001</u>	Client Sample #: WC-120919A	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B					QCBatchID: QC1209781			
Antimony	ND	1	0.37	3	mg/Kg		12/13/19	KLN	
Arsenic	5.26	1	0.36	1	mg/Kg		12/12/19	KLN	
Barium	99.2	1	0.23	1	mg/Kg		12/12/19	KLN	
Beryllium	ND	1	0.17	0.5	mg/Kg		12/12/19	KLN	
Cadmium	0.49 J	1	0.21	0.5	mg/Kg		12/12/19	KLN J	
Chromium	13.4	1	0.13	1	mg/Kg		12/12/19	KLN	
Cobalt	9.09	1	0.19	0.5	mg/Kg		12/12/19	KLN	
Copper	16.8	1	0.31	1	mg/Kg		12/13/19	KLN	
Lead	6.21	1	0.32	1	mg/Kg		12/12/19	KLN	
Molybdenum	0.79 J	1	0.13	1	mg/Kg		12/12/19	KLN J	
Nickel	11.3	1	0.2	1.5	mg/Kg		12/12/19	KLN	
Selenium	ND	1	0.72	3	mg/Kg		12/12/19	KLN	
Silver	ND	1	0.13	0.5	mg/Kg		12/12/19	KLN L	
Thallium	1.61 J	1	0.42	3	mg/Kg		12/12/19	KLN B1,J	
Vanadium	30.1	1	0.37	0.5	mg/Kg		12/12/19	KLN	
Zinc	57.8	1	0.28	5	mg/Kg		12/12/19	KLN	
Method: EPA 7471A <i>NELAC</i>	Prep Method: EPA 7471A					QCBatchID: QC1209910			
Mercury	ND	1	0.039	0.14	mg/Kg		12/13/19	KLN	
Method: EPA 8015M	Prep Method: EPA 3580A					QCBatchID: QC1209899			
TPH (C13 to C22)	ND	1	10	10	mg/Kg	12/12/19	12/12/19	TW	
TPH (C23 to C44)	ND	1	10	10	mg/Kg	12/12/19	12/12/19	TW	
TPH (C6 to C12)	ND	1	10	10	mg/Kg	12/12/19	12/12/19	TW	
<u>Surrogate</u>			<u>% Recovery</u>		<u>Limits</u>			<u>Notes</u>	
<i>Triacotane (SUR)</i>			109		50-150				
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030					QCBatchID: QC1209879			
1,1,1,2-Tetrachloroethane	ND	1	0.24	5	ug/Kg		12/12/19	ZZ	
1,1,1-Trichloroethane	ND	1	0.15	5	ug/Kg		12/12/19	ZZ	
1,1,2,2-Tetrachloroethane	ND	1	0.29	5	ug/Kg		12/12/19	ZZ	
1,1,2-Trichloroethane	ND	1	0.22	5	ug/Kg		12/12/19	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.74	5	ug/Kg		12/12/19	ZZ	
1,1-Dichloroethane	ND	1	0.23	5	ug/Kg		12/12/19	ZZ	
1,1-Dichloroethene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ	
1,1-Dichloropropene	ND	1	0.21	5	ug/Kg		12/12/19	ZZ	
1,2,3-Trichlorobenzene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ	
1,2,3-Trichloropropane	ND	1	0.2	5	ug/Kg		12/12/19	ZZ	
1,2,4-Trichlorobenzene	ND	1	0.33	5	ug/Kg		12/12/19	ZZ	
1,2,4-Trimethylbenzene	4.8 J	1	0.28	5	ug/Kg		12/12/19	ZZ J	
1,2-Dibromo-3-chloropropane	ND	1	0.2	5	ug/Kg		12/12/19	ZZ	
1,2-Dibromoethane	ND	1	0.12	5	ug/Kg		12/12/19	ZZ	
1,2-Dichlorobenzene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ	
1,2-Dichloroethane	ND	1	0.14	5	ug/Kg		12/12/19	ZZ	
1,2-Dichloropropane	ND	1	0.34	5	ug/Kg		12/12/19	ZZ	
1,3,5-Trimethylbenzene	1.0 J	1	0.23	5	ug/Kg		12/12/19	ZZ J	
1,3-Dichlorobenzene	ND	1	0.21	5	ug/Kg		12/12/19	ZZ	
1,3-Dichloropropane	ND	1	0.19	5	ug/Kg		12/12/19	ZZ	
1,4-Dichlorobenzene	ND	1	0.24	5	ug/Kg		12/12/19	ZZ	
2,2-Dichloropropane	ND	1	0.19	5	ug/Kg		12/12/19	ZZ	
2-Butanone (MEK)	ND	1	0.72	100	ug/Kg		12/12/19	ZZ	
2-Chlorotoluene	ND	1	0.25	5	ug/Kg		12/12/19	ZZ	
4-Chlorotoluene	ND	1	0.22	5	ug/Kg		12/12/19	ZZ	
4-Isopropyltoluene	6.0	1	0.27	5	ug/Kg		12/12/19	ZZ	
4-Methyl-2-pentanone (MIBK)	ND	1	0.17	5	ug/Kg		12/12/19	ZZ	
Acetone	ND	1	50	100	ug/Kg		12/12/19	ZZ	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 11:05	Site:	
Sample #: 422541-001	Client Sample #: WC-120919A	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Allyl Chloride	ND	1	0.14	5	ug/Kg		12/12/19	ZZ
Benzene	0.19 J	1	0.18	5	ug/Kg		12/12/19	ZZ J
Bromobenzene	ND	1	0.3	5	ug/Kg		12/12/19	ZZ
Bromochloromethane	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
Bromodichloromethane	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
Bromoform	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
Bromomethane	ND	1	0.22	5	ug/Kg		12/12/19	ZZ
Carbon Tetrachloride	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
Chlorobenzene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
Chlorodibromomethane	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
Chloroethane	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
Chloroform	ND	1	0.17	5	ug/Kg		12/12/19	ZZ
Chloromethane	ND	1	0.21	5	ug/Kg		12/12/19	ZZ
cis-1,2-Dichloroethene	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
cis-1,3-dichloropropene	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
cis-1,4-dichloro-2-butene	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
Dibromomethane	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
Dichlorodifluoromethane	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
Di-isopropyl ether (DIPE)	ND	1	0.21	5	ug/Kg		12/12/19	ZZ
Ethylbenzene	48	1	0.25	5	ug/Kg		12/12/19	ZZ
Ethyl-tertbutylether (ETBE)	ND	1	0.42	5	ug/Kg		12/12/19	ZZ
Hexachlorobutadiene	ND	1	0.38	5	ug/Kg		12/12/19	ZZ
Isopropylbenzene	17	1	0.17	5	ug/Kg		12/12/19	ZZ
m and p-Xylene	4.7 J	1	0.21	5	ug/Kg		12/12/19	ZZ J
Methylene chloride	ND	1	0.22	5	ug/Kg		12/12/19	ZZ
Methyl-t-butyl Ether (MTBE)	ND	1	0.25	5	ug/Kg		12/12/19	ZZ
Naphthalene	ND	1	0.28	5	ug/Kg		12/12/19	ZZ
N-butylbenzene	ND	1	0.16	5	ug/Kg		12/12/19	ZZ
N-propylbenzene	16	1	0.19	5	ug/Kg		12/12/19	ZZ
o-Xylene	0.22 J	1	0.13	5	ug/Kg		12/12/19	ZZ J
Sec-butylbenzene	3.5 J	1	0.34	5	ug/Kg		12/12/19	ZZ J
Styrene	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
t-Butyl alcohol (TBA)	ND	1	8.8	10	ug/Kg		12/12/19	ZZ
Tert-amylmethylether (TAME)	ND	1	0.19	5	ug/Kg		12/12/19	ZZ
Tert-butylbenzene	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
Tetrachloroethene	ND	1	0.2	5	ug/Kg		12/12/19	ZZ
Toluene	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
trans-1,2-dichloroethene	ND	1	0.23	5	ug/Kg		12/12/19	ZZ
trans-1,3-dichloropropene	ND	1	0.14	5	ug/Kg		12/12/19	ZZ
trans-1,4-dichloro-2-butene	ND	1	0.38	5	ug/Kg		12/12/19	ZZ
Trichloroethene	ND	1	0.39	5	ug/Kg		12/12/19	ZZ
Trichlorofluoromethane	ND	1	0.25	5	ug/Kg		12/12/19	ZZ
Vinyl Chloride	ND	1	0.18	5	ug/Kg		12/12/19	ZZ
Xylenes (Total)	4.9 J	1	0.45	5	ug/Kg		12/12/19	ZZ J
<u>Surrogate</u>			<u>% Recovery</u>		<u>Limits</u>		<u>Notes</u>	
1,2-Dichloroethane-d4 (SUR)			108		70-145			
4-Bromofluorobenzene (SUR)			108		70-145			
Dibromofluoromethane (SUR)			101		70-145			
Toluene-d8 (SUR)			98		70-145			

QCBatchID: QC1209781	Analyst: rvenegas	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/10/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209781MB1					
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	0.33 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	0.43 J	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	1.23 J	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209781LCS1											
Antimony	100		97.6		mg/Kg	98			80-120		
Arsenic	100		90.3		mg/Kg	90			80-120		
Barium	100		97.6		mg/Kg	98			80-120		
Beryllium	100		88.4		mg/Kg	88			80-120		
Cadmium	100		95.6		mg/Kg	96			80-120		
Chromium	100		90.2		mg/Kg	90			80-120		
Cobalt	100		98.5		mg/Kg	99			80-120		
Copper	100		102		mg/Kg	102			80-120		
Lead	100		102		mg/Kg	102			80-120		
Molybdenum	100		96.2		mg/Kg	96			80-120		
Nickel	100		101		mg/Kg	101			80-120		
Selenium	100		84.8		mg/Kg	85			80-120		
Silver	100		139		mg/Kg	139			80-120		L
Thallium	100		96.2		mg/Kg	96			80-120		
Vanadium	100		96.3		mg/Kg	96			80-120		
Zinc	100		99.2		mg/Kg	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209781MS1, QC1209781MSD1												Source: 422541-001
Antimony	ND	100	100	46.6	48.3	mg/Kg	47	48	3.6	75-125	20	M
Arsenic	5.26	100	100	96.6	98.0	mg/Kg	91	93	1.4	75-125	20	
Barium	99.2	100	100	197	187	mg/Kg	98	88	5.2	75-125	20	
Beryllium	ND	100	100	85.3	85.8	mg/Kg	85	86	0.6	75-125	20	
Cadmium	0.49	100	100	90.6	86.9	mg/Kg	90	86	4.2	75-125	20	
Chromium	13.4	100	100	101	99.4	mg/Kg	88	86	1.6	75-125	20	
Cobalt	9.09	100	100	100	98.3	mg/Kg	91	89	1.7	75-125	20	
Copper	16.8	100	100	114	114	mg/Kg	97	97	0.0	75-125	20	
Lead	6.21	100	100	107	108	mg/Kg	101	102	0.9	75-125	20	
Molybdenum	0.79	100	100	93.3	93.3	mg/Kg	93	93	0.0	75-125	20	

QCBatchID: QC1209781**Analyst:** rvenegas**Method:** EPA 6010B**Matrix:** Solid**Analyzed:** 12/10/2019**Instrument:** AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209781MS1, QC1209781MSD1											Source: 422541-001	
Nickel	11.3	100	100	108	108	mg/Kg	97	97	0.0	75-125	20	
Selenium	ND	100	100	83.0	85.2	mg/Kg	83	85	2.6	75-125	20	
Silver	ND	100	100	137	133	mg/Kg	137	133	3.0	75-125	20	M
Thallium	1.61	100	100	90.4	89.4	mg/Kg	89	88	1.1	75-125	20	
Vanadium	30.1	100	100	127	124	mg/Kg	97	94	2.4	75-125	20	
Zinc	57.8	100	100	140	140	mg/Kg	82	82	0.0	75-125	20	

QCBatchID: **QC1209879**

Analyst: nicollez

Method: EPA 8260B

Matrix: Solid

Analyzed: 12/12/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209879MB1					
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: QC1209879	Analyst: nicollez	Method: EPA 8260B
Matrix: Solid	Analyzed: 12/12/2019	Instrument: VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209879MB1					
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209879LCS1											
1,1-Dichloroethene	50		51		ug/Kg	102			59-172		
Benzene	50		48		ug/Kg	96			62-137		
Chlorobenzene	50		48		ug/Kg	96			60-133		
Methyl-t-butyl Ether (MTBE)	50		41		ug/Kg	82			62-137		
Toluene	50		49		ug/Kg	98			59-139		
Trichloroethene	50		46		ug/Kg	92			66-142		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209879MS1, QC1209879MSD1 Source: 422541-001												
1,1-Dichloroethene	ND	50	50	52	48	ug/Kg	104	96	8.0	59-172	22	
Benzene	0.19	50	50	49	48	ug/Kg	98	96	2.1	62-137	24	
Chlorobenzene	ND	50	50	48	46	ug/Kg	96	92	4.3	60-133	24	
Methyl-t-butyl Ether (MTBE)	ND	50	50	44	44	ug/Kg	88	88	0.0	62-137	21	
Toluene	ND	50	50	48	47	ug/Kg	96	94	2.1	59-139	21	
Trichloroethene	ND	50	50	44	45	ug/Kg	88	90	2.2	66-142	21	

QCBatchID: QC1209899	Analyst: TWu	Method: EPA 8015M
Matrix: Solid	Analyzed: 12/12/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209899MB1					
TPH (C10 to C28)	ND	mg/Kg	10	10	
TPH (C13 to C22)	ND	mg/Kg	10	10	
TPH (C23 to C44)	ND	mg/Kg	10	10	
TPH (C28 to C40)	ND	mg/Kg	10	10	
TPH (C6 to C12)	ND	mg/Kg	10	10	
TPH (C8 to C10)	ND	mg/Kg	10	10	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209899LCS1											
TPH (C10 to C28)	250		260		mg/Kg	104			60-133		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209899MS1, QC1209899MSD1												
TPH (C10 to C28)	ND	250	250	250	260	mg/Kg	100	104	3.9	70-130	20	Source: 422541-001

QCBatchID: <u>QC1209910</u>	Analyst: sbailey-woo	Method: EPA 7471A
Matrix: Solid	Analyzed: 12/12/2019	Instrument: AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209910MB1					
Mercury	ND	mg/Kg	0.039	0.14	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209910LCS1											
Mercury	0.83		0.81		mg/Kg	98			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209910MS1, QC1209910MSD1												
Mercury	ND	0.83	0.83	0.75	0.80	mg/Kg	90	96	6.5	75-125	20	Source: 422476-001

Data Qualifiers and Definitions

Qualifiers

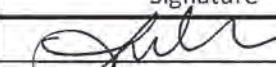

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid 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

Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No: 422541	Standard: X	5 Day:	3 Day:		
Page: 1 of 1	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 Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other	
				Sample Receipt Temp: 0.8c / 1.7c 8.4s / 0.3c (lab use only)	

CUSTOMER INFORMATION			PROJECT INFORMATION				Analysis Request						Test Instructions / Comments								
Company:	Ninyo & Moore		Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold	Title 22 Metals								
Report To:	Patrick Cullip		Number:	210886002																	
Email:	pcullip@ninyoandmoore.com		P.O. #:																		
Address:	475 Goddard, Suite 200 Irvine, CA 92618		Address:	601 South Acacia Avenue Compton, CA 90220																	
Phone:	(949) 753-7070		Global ID:																		
Fax:	(949) 753-7071		Sampled By:	AUC & LNT																	
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																
1 WC-120919A	12/9/19	1105	S	1-802	ICE																
2 WC-120919B	12/9/19	1105	W	4-802	ICE																No Tests
3					ICE																
4					ICE																
5					ICE																
6					ICE																
7					ICE																
8					ICE																
9					ICE																
10					ICE																

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		LINDA TON	N3M	12/9/19 13:47
1 Received By:		Elizabeth Ramirez	EA	12/9/19 13:47
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: 12/9/19

Sampler's Name Present: Yes No ^{initial} 12/9/19

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: 1.7 #2: 8.4 #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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sample IDs present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sampling dates & times present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is a relinquished signature present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are custody seals present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If custody seals are present, were they intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the containers labeled with the correct preservatives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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: [Signature] Date: 12/9/19



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



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

Lab Request: 422549
Report Date: 12/23/2019
Date Received: 12/09/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia Avenue, Compton, CA 90220

Supplemental Report 1 - Additional analyses requested on 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.

<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>	<u>Sample #</u>	<u>Client Sample ID</u>
422549-001	EB-120919A	422549-025	AOC1-E-B31NE-1.5	422549-049	AOC1-E-B36SE-1.5
422549-002	EB-120919B	422549-026	AOC1-E-B31NE-2.5	422549-050	AOC1-E-B36SE-2.5
422549-003	AOC1-E-B4NW-0.5	422549-027	AOC1-E-B31EE-0.5	422549-051	AOC1-E-B39NN-0.5
422549-004	AOC1-E-B4NW-1.5	422549-028	AOC1-E-B31EE-1.5	422549-052	AOC1-E-B39NN-1.5
422549-005	AOC1-E-B4NW-2.5	422549-029	AOC1-E-B31EE-2.5	422549-053	AOC1-E-B39NN-2.5
422549-006	AOC1-E-B4SW-0.5	422549-030	AOC1-E-B33NE-0.5	422549-054	AOC1-E-B39NE-0.5
422549-007	AOC1-E-B4SW-1.5	422549-031	AOC1-E-B33NE-1.5	422549-055	AOC1-E-B39NE-1.5
422549-008	AOC1-E-B4SW-2.5	422549-032	AOC1-E-B33NE-2.5	422549-056	AOC1-E-B39NE-2.5
422549-009	AOC1-E-B4SS-0.5	422549-033	AOC1-E-B33EE-0.5	422549-057	AOC1-E-B39EE-0.5
422549-010	AOC1-E-B4SS-1.5	422549-034	AOC1-E-B33EE-1.5	422549-058	AOC1-E-B39EE-1.5
422549-011	AOC1-E-B4SS-2.5	422549-035	AOC1-E-B33EE-2.5	422549-059	AOC1-E-B39EE-2.5
422549-012	AOC1-E-B4SE-0.5	422549-036	AOC1-E-B33SE-0.5	422549-060	AOC1-E-B39SE-0.5
422549-013	AOC1-E-B4SE-1.5	422549-037	AOC1-E-B33SE-1.5	422549-061	AOC1-E-B39SE-1.5
422549-014	AOC1-E-B4SE-2.5	422549-038	AOC1-E-B33SE-2.5	422549-062	AOC1-E-B39SE-2.5
422549-015	AOC1-E-B4EE-0.5	422549-039	AOC1-E-B33SS-0.5	422549-063	DUP-68
422549-016	AOC1-E-B4EE-1.5	422549-040	AOC1-E-B33SS-1.5	422549-064	DUP-71
422549-017	AOC1-E-B4EE-2.5	422549-041	AOC1-E-B33SS-2.5	422549-065	DUP-72
422549-018	AOC1-W-B7SE-0.5	422549-042	AOC1-E-B34NN-0.5	422549-066	DUP-73
422549-019	AOC1-W-B7SE-1.5	422549-043	AOC1-E-B34NN-1.5	422549-067	DUP-74
422549-020	AOC1-W-B7SE-2.5	422549-044	AOC1-E-B34NN-2.5	422549-068	DUP-75
422549-021	AOC1-W-B7EE-0.5	422549-045	AOC1-E-B34NE-0.5		
422549-022	AOC1-W-B7EE-1.5	422549-046	AOC1-E-B34NE-1.5		
422549-023	AOC1-W-B7EE-2.5	422549-047	AOC1-E-B34NE-2.5		
422549-024	AOC1-E-B31NE-0.5	422549-048	AOC1-E-B36SE-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.

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.

The reports of the Enthalpy Analytical, Inc. are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.



Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 10:46	Site:	
Sample #: <u>422549-001</u>	Client Sample #: EB-120919A	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3010A						QCBatchID: QC1209790	
Lead	ND	1	0.005	0.01	mg/L		12/12/19	KLN

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 10:46	Site:	
Sample #: <u>422549-002</u>	Client Sample #: EB-120919B	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3010A						QCBatchID: QC1209790	
Lead	ND	1	0.005	0.01	mg/L		12/12/19	KLN

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 07:55	Site:	
Sample #: <u>422549-003</u>	Client Sample #: AOC1-E-B4NW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781	
Lead	164	1	0.84	1	mg/Kg		12/12/19	KLN

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 07:57	Site:	
Sample #: <u>422549-004</u>	Client Sample #: AOC1-E-B4NW-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212645	
Lead	72.8	1	0.84	1	mg/Kg		12/18/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 07:59	Site:	
Sample #: <u>422549-005</u>	Client Sample #: AOC1-E-B4NW-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: 12/09/2019 07:55	Site:	
Sample #: <u>422549-006</u>	Client Sample #: AOC1-E-B4SW-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781	
Lead	38.6	1	0.84	1	mg/Kg		12/12/19	KLN

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 07:59	Site:	
Sample #: <u>422549-007</u>	Client Sample #: AOC1-E-B4SW-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: 12/09/2019 08:01	Site:	
Sample #: <u>422549-008</u>	Client Sample #: AOC1-E-B4SW-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: 12/09/2019 08:03	Site:	
Sample #: <u>422549-009</u>	Client Sample #: AOC1-E-B4SS-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781	
Lead	110	1	0.84	1	mg/Kg	12/12/19	KLN	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 08:05	Site:	
Sample #: <u>422549-010</u>	Client Sample #: AOC1-E-B4SS-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212646	
Lead	10.8	1	0.84	1	mg/Kg	12/18/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 08:07	Site:	
Sample #: <u>422549-011</u>	Client Sample #: AOC1-E-B4SS-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: 12/09/2019 08:06	Site:	
Sample #: <u>422549-012</u>	Client Sample #: AOC1-E-B4SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781	
Lead	24.3	1	0.84	1	mg/Kg	12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 08:07	Site:	
Sample #: <u>422549-013</u>	Client Sample #: AOC1-E-B4SE-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: 12/09/2019 08:08	Site:	
Sample #: <u>422549-014</u>	Client Sample #: AOC1-E-B4SE-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: 12/09/2019 08:01	Site:	
Sample #: <u>422549-015</u>	Client Sample #: AOC1-E-B4EE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781	
Lead	96.5	1	0.84	1	mg/Kg	12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 08:03	Site:	
Sample #: <u>422549-016</u>	Client Sample #: AOC1-E-B4EE-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212646	
Lead	12.8	1	0.84	1	mg/Kg	12/18/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 08:05	Site:	
Sample #: <u>422549-017</u>	Client Sample #: AOC1-E-B4EE-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: 12/09/2019 08:40	Site:	
Sample #: <u>422549-018</u>	Client Sample #: AOC1-W-B7SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	9.30	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 08:42	Site:	
Sample #: <u>422549-019</u>	Client Sample #: AOC1-W-B7SE-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: 12/09/2019 08:44	Site:	
Sample #: <u>422549-020</u>	Client Sample #: AOC1-W-B7SE-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: 12/09/2019 08:40	Site:	
Sample #: <u>422549-021</u>	Client Sample #: AOC1-W-B7EE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	13.2	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 08:41	Site:	
Sample #: <u>422549-022</u>	Client Sample #: AOC1-W-B7EE-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: 12/09/2019 08:43	Site:	
Sample #: <u>422549-023</u>	Client Sample #: AOC1-W-B7EE-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: 12/09/2019 09:18	Site:	
Sample #: <u>422549-024</u>	Client Sample #: AOC1-E-B31NE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	39.8	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:23	Site:	
Sample #: <u>422549-025</u>	Client Sample #: AOC1-E-B31NE-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: 12/09/2019 09:25	Site:	
Sample #: <u>422549-026</u>	Client Sample #: AOC1-E-B31NE-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: 12/09/2019 09:21	Site:	
Sample #: <u>422549-027</u>	Client Sample #: AOC1-E-B31EE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	57.2	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:22	Site:	
Sample #: <u>422549-028</u>	Client Sample #: AOC1-E-B31EE-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: 12/09/2019 09:23	Site:	
Sample #: <u>422549-029</u>	Client Sample #: AOC1-E-B31EE-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: 12/09/2019 09:34	Site:	
Sample #: <u>422549-030</u>	Client Sample #: AOC1-E-B33NE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	57.8	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:35	Site:	
Sample #: <u>422549-031</u>	Client Sample #: AOC1-E-B33NE-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: 12/09/2019 09:36	Site:	
Sample #: <u>422549-032</u>	Client Sample #: AOC1-E-B33NE-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: 12/09/2019 09:30	Site:	
Sample #: <u>422549-033</u>	Client Sample #: AOC1-E-B33EE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781	
Lead	40.4	1	0.84	1	mg/Kg	12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:32	Site:	
Sample #: <u>422549-034</u>	Client Sample #: AOC1-E-B33EE-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: 12/09/2019 09:33	Site:	
Sample #: <u>422549-035</u>	Client Sample #: AOC1-E-B33EE-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: 12/09/2019 09:30	Site:	
Sample #: <u>422549-036</u>	Client Sample #: AOC1-E-B33SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781	
Lead	76.4	1	0.84	1	mg/Kg	12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:33	Site:	
Sample #: <u>422549-037</u>	Client Sample #: AOC1-E-B33SE-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: 12/09/2019 09:35	Site:	
Sample #: <u>422549-038</u>	Client Sample #: AOC1-E-B33SE-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: 12/09/2019 09:39	Site:	
Sample #: <u>422549-039</u>	Client Sample #: AOC1-E-B33SS-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781	
Lead	123	1	0.84	1	mg/Kg	12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:40	Site:	
Sample #: <u>422549-040</u>	Client Sample #: AOC1-E-B33SS-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212646	
Lead	17.4	1	0.84	1	mg/Kg	12/18/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:41	Site:	
Sample #: <u>422549-041</u>	Client Sample #: AOC1-E-B33SS-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: 12/09/2019 09:44	Site:	
Sample #: <u>422549-042</u>	Client Sample #: AOC1-E-B34NN-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	63.2	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:45	Site:	
Sample #: <u>422549-043</u>	Client Sample #: AOC1-E-B34NN-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: 12/09/2019 09:46	Site:	
Sample #: <u>422549-044</u>	Client Sample #: AOC1-E-B34NN-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: 12/09/2019 09:38	Site:	
Sample #: <u>422549-045</u>	Client Sample #: AOC1-E-B34NE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	57.4	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:40	Site:	
Sample #: <u>422549-046</u>	Client Sample #: AOC1-E-B34NE-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: 12/09/2019 09:42	Site:	
Sample #: <u>422549-047</u>	Client Sample #: AOC1-E-B34NE-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: 12/09/2019 09:49	Site:	
Sample #: <u>422549-048</u>	Client Sample #: AOC1-E-B36SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	20.0	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 09:52	Site:	
Sample #: <u>422549-049</u>	Client Sample #: AOC1-E-B36SE-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: 12/09/2019 09:53	Site:	
Sample #: <u>422549-050</u>	Client Sample #: AOC1-E-B36SE-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: 12/09/2019 10:33	Site:	
Sample #: <u>422549-051</u>	Client Sample #: AOC1-E-B39NN-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	107	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 10:34	Site:	
Sample #: <u>422549-052</u>	Client Sample #: AOC1-E-B39NN-1.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1212646		
Lead	7.27	1	0.84	1	mg/Kg		12/18/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 10:35	Site:	
Sample #: <u>422549-053</u>	Client Sample #: AOC1-E-B39NN-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: 12/09/2019 10:35	Site:	
Sample #: <u>422549-054</u>	Client Sample #: AOC1-E-B39NE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	46.1	1	0.84	1	mg/Kg		12/13/19	SBW	

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 10:36	Site:	
Sample #: <u>422549-055</u>	Client Sample #: AOC1-E-B39NE-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: 12/09/2019 10:37	Site:	
Sample #: <u>422549-056</u>	Client Sample #: AOC1-E-B39NE-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: 12/09/2019 10:29	Site:	
Sample #: <u>422549-057</u>	Client Sample #: AOC1-E-B39EE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209781		
Lead	74.2	1	0.84	1	mg/Kg	12/13/19	SBW		

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 10:30	Site:	
Sample #: <u>422549-058</u>	Client Sample #: AOC1-E-B39EE-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: 12/09/2019 10:31	Site:	
Sample #: <u>422549-059</u>	Client Sample #: AOC1-E-B39EE-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: 12/09/2019 10:29	Site:	
Sample #: <u>422549-060</u>	Client Sample #: AOC1-E-B39SE-0.5	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209782		
Lead	15.8	1	0.84	1	mg/Kg	12/12/19	KLN		

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019 10:30	Site:	
Sample #: <u>422549-061</u>	Client Sample #: AOC1-E-B39SE-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: 12/09/2019 10:31	Site:	
Sample #: <u>422549-062</u>	Client Sample #: AOC1-E-B39SE-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: 12/09/2019	Site:	
Sample #: <u>422549-063</u>	Client Sample #: DUP-68	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209782		
Lead	38.3	1	0.84	1	mg/Kg	12/13/19	SBW		

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019	Site:	
Sample #: <u>422549-064</u>	Client Sample #: DUP-71	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes	
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209782		
Lead	27.2	1	0.84	1	mg/Kg	12/13/19	SBW		

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019	Site:	
Sample #: <u>422549-065</u>	Client Sample #: DUP-72	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209782	
Lead	32.4	1	0.84	1	mg/Kg		12/13/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019	Site:	
Sample #: <u>422549-066</u>	Client Sample #: DUP-73	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209782	
Lead	71.1	1	0.84	1	mg/Kg		12/13/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019	Site:	
Sample #: <u>422549-067</u>	Client Sample #: DUP-74	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209782	
Lead	26.4	1	0.84	1	mg/Kg		12/13/19	SBW

Matrix: Solid	Client: Ninyo & Moore	Collector: Client
Sampled: 12/09/2019	Site:	
Sample #: <u>422549-068</u>	Client Sample #: DUP-75	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3050B						QCBatchID: QC1209782	
Lead	48.7	1	0.84	1	mg/Kg		12/13/19	SBW

QCBatchID: QC1209781	Analyst: rvenegas	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/10/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209781MB1					
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	0.33 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	0.43 J	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	1.23 J	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209781LCS1											
Antimony	100		97.6		mg/Kg	98			80-120		
Arsenic	100		90.3		mg/Kg	90			80-120		
Barium	100		97.6		mg/Kg	98			80-120		
Beryllium	100		88.4		mg/Kg	88			80-120		
Cadmium	100		95.6		mg/Kg	96			80-120		
Chromium	100		90.2		mg/Kg	90			80-120		
Cobalt	100		98.5		mg/Kg	99			80-120		
Copper	100		102		mg/Kg	102			80-120		
Lead	100		102		mg/Kg	102			80-120		
Molybdenum	100		96.2		mg/Kg	96			80-120		
Nickel	100		101		mg/Kg	101			80-120		
Selenium	100		84.8		mg/Kg	85			80-120		
Silver	100		139		mg/Kg	139			80-120		L
Thallium	100		96.2		mg/Kg	96			80-120		
Vanadium	100		96.3		mg/Kg	96			80-120		
Zinc	100		99.2		mg/Kg	99			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209781MS1, QC1209781MSD1												Source: 422541-001
Antimony	ND	100	100	46.6	48.3	mg/Kg	47	48	3.6	75-125	20	M
Arsenic	5.26	100	100	96.6	98.0	mg/Kg	91	93	1.4	75-125	20	
Barium	99.2	100	100	197	187	mg/Kg	98	88	5.2	75-125	20	
Beryllium	ND	100	100	85.3	85.8	mg/Kg	85	86	0.6	75-125	20	
Cadmium	0.49	100	100	90.6	86.9	mg/Kg	90	86	4.2	75-125	20	
Chromium	13.4	100	100	101	99.4	mg/Kg	88	86	1.6	75-125	20	
Cobalt	9.09	100	100	100	98.3	mg/Kg	91	89	1.7	75-125	20	
Copper	16.8	100	100	114	114	mg/Kg	97	97	0.0	75-125	20	
Lead	6.21	100	100	107	108	mg/Kg	101	102	0.9	75-125	20	
Molybdenum	0.79	100	100	93.3	93.3	mg/Kg	93	93	0.0	75-125	20	

QCBatchID: QC1209781**Analyst: rvenegas****Method: EPA 6010B****Matrix: Solid****Analyzed: 12/10/2019****Instrument: AAICP (group)**

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209781MS1, QC1209781MSD1											Source: 422541-001	
Nickel	11.3	100	100	108	108	mg/Kg	97	97	0.0	75-125	20	
Selenium	ND	100	100	83.0	85.2	mg/Kg	83	85	2.6	75-125	20	
Silver	ND	100	100	137	133	mg/Kg	137	133	3.0	75-125	20	M
Thallium	1.61	100	100	90.4	89.4	mg/Kg	89	88	1.1	75-125	20	
Vanadium	30.1	100	100	127	124	mg/Kg	97	94	2.4	75-125	20	
Zinc	57.8	100	100	140	140	mg/Kg	82	82	0.0	75-125	20	

QCBatchID: QC1209782	Analyst: rvenegas	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/10/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209782MB1					
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	1.51 J	mg/Kg	0.75	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209782LCS1											
Antimony	100		96.9		mg/Kg	97			80-120		
Arsenic	100		89.0		mg/Kg	89			80-120		
Barium	100		97.8		mg/Kg	98			80-120		
Beryllium	100		83.8		mg/Kg	84			80-120		
Cadmium	100		97.0		mg/Kg	97			80-120		
Chromium	100		91.4		mg/Kg	91			80-120		
Cobalt	100		99.8		mg/Kg	100			80-120		
Copper	100		95.4		mg/Kg	95			80-120		
Lead	100		102		mg/Kg	102			80-120		
Molybdenum	100		95.9		mg/Kg	96			80-120		
Nickel	100		101		mg/Kg	101			80-120		
Selenium	100		84.5		mg/Kg	85			80-120		
Silver	100		79.6		mg/Kg	80			80-120		
Thallium	100		96.2		mg/Kg	96			80-120		
Vanadium	100		96.9		mg/Kg	97			80-120		
Zinc	100		102		mg/Kg	102			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209782MS1, QC1209782MSD1												Source: 422549-060
Antimony	ND	100	100	33.2	26.5	mg/Kg	33	27	22.4	75-125	20	M,D
Arsenic	ND	100	100	83.3	82.7	mg/Kg	83	83	0.7	75-125	20	
Barium	101	100	100	196	208	mg/Kg	95	107	5.9	75-125	20	
Beryllium	ND	100	100	79.7	76.1	mg/Kg	80	76	4.6	75-125	20	
Cadmium	0.66	100	100	80.1	85.7	mg/Kg	79	85	6.8	75-125	20	
Chromium	15.8	100	100	92.7	97.6	mg/Kg	77	82	5.1	75-125	20	
Cobalt	9.64	100	100	94.6	96.4	mg/Kg	85	87	1.9	75-125	20	
Copper	15.7	100	100	108	105	mg/Kg	92	89	2.8	75-125	20	
Lead	15.8	100	100	98.4	97.8	mg/Kg	83	82	0.6	75-125	20	
Molybdenum	0.64	100	100	79.8	80.7	mg/Kg	79	80	1.1	75-125	20	

QCBatchID: QC1209782**Analyst: rvenegas****Method: EPA 6010B****Matrix: Solid****Analyzed: 12/10/2019****Instrument: AAICP (group)**

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209782MS1, QC1209782MSD1											Source: 422549-060	
Nickel	11.6	100	100	94.2	95.8	mg/Kg	83	84	1.7	75-125	20	
Selenium	ND	100	100	74.8	78.0	mg/Kg	75	78	4.2	75-125	20	M
Silver	ND	100	100	119	124	mg/Kg	119	124	4.1	75-125	20	
Thallium	1.43	100	100	77.7	79.9	mg/Kg	76	78	2.8	75-125	20	
Vanadium	31.6	100	100	119	125	mg/Kg	87	93	4.9	75-125	20	
Zinc	112	100	100	193	196	mg/Kg	81	84	1.5	75-125	20	

QCBatchID: QC1209790	Analyst: rvenegas	Method: EPA 6010B
Matrix: Water	Analyzed: 12/10/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209790MB1					
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	0.002 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	0.018 J	mg/L	0.009	0.05	
Tin	0.031 J	mg/L	0.008	0.05	
Titanium	ND	mg/L	0.002	0.01	
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209790LCS1											
Antimony	2		1.88		mg/L	94			80-120		
Arsenic	2		1.85		mg/L	93			80-120		
Barium	2		1.98		mg/L	99			80-120		
Beryllium	2		1.96		mg/L	98			80-120		
Cadmium	2		1.90		mg/L	95			80-120		
Chromium	2		1.88		mg/L	94			80-120		
Cobalt	2		1.97		mg/L	99			80-120		
Copper	2		1.87		mg/L	94			80-120		
Lead	2		1.96		mg/L	98			80-120		
Molybdenum	2		1.96		mg/L	98			80-120		
Nickel	2		1.99		mg/L	100			80-120		
Selenium	2		1.79		mg/L	90			80-120		
Silver	2		3.51		mg/L	176			80-120		L
Thallium	2		1.97		mg/L	99			80-120		
Vanadium	2		2.02		mg/L	101			80-120		
Zinc	2		2.01		mg/L	101			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209790MS1, QC1209790MSD1												
Antimony	ND	1	1	1.06	1.04	mg/L	106	104	1.9	75-125	20	
Arsenic	ND	1	1	0.942	0.930	mg/L	94	93	1.3	75-125	20	
Barium	ND	1	1	1.01	0.991	mg/L	101	99	1.9	75-125	20	
Beryllium	ND	1	1	0.964	0.961	mg/L	96	96	0.3	75-125	20	
Cadmium	ND	1	1	0.979	0.938	mg/L	98	94	4.3	75-125	20	
Chromium	ND	1	1	0.983	0.940	mg/L	98	94	4.5	75-125	20	
Cobalt	ND	1	1	1.12	1.17	mg/L	112	117	4.4	75-125	20	
Copper	0.002	1	1	0.930	0.934	mg/L	93	93	0.4	75-125	20	

QCBatchID: **QC1209790**

Analyst: rvenegas

Method: EPA 6010B

Matrix: Water

Analyzed: 12/10/2019

Instrument: AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209790MS1, QC1209790MSD1											Source: 422549-001	
Lead	ND	1	1	1.02	1.03	mg/L	102	103	1.0	75-125	20	
Molybdenum	ND	1	1	1.01	1.02	mg/L	101	102	1.0	75-125	20	
Nickel	ND	1	1	1.12	1.17	mg/L	112	117	4.4	75-125	20	
Selenium	ND	1	1	0.870	0.894	mg/L	87	89	2.7	75-125	20	
Silver	ND	1	1	1.74	1.77	mg/L	174	177	1.7	75-125	20	M
Thallium	0.016	1	1	1.03	1.04	mg/L	101	102	1.0	75-125	20	
Vanadium	ND	1	1	1.01	1.02	mg/L	101	102	1.0	75-125	20	
Zinc	ND	1	1	1.02	0.984	mg/L	102	98	3.6	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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
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		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
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		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
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	

QCBatchID: QC1212646	Analyst: rvenegas	Method: EPA 6010B
Matrix: Solid	Analyzed: 12/17/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212646MB1					
Aluminum	ND	mg/Kg	2	5	
Aluminum as Al2O3	ND	mg/Kg		40	
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	
Calcium	4.04 J	mg/Kg	1.5	50	
Calcium as CaCO3	10.1	mg/Kg		125	
Chromium	ND	mg/Kg	0.13	1	
Cobalt	ND	mg/Kg	0.19	0.5	
Copper	ND	mg/Kg	0.31	1	
Iron	2.28 J	mg/Kg	1.1	5	
Iron as Fe2O3	3.26	mg/Kg		10	
Lead	ND	mg/Kg	0.32	1	
Magnesium	ND	mg/Kg	3.3	25	
Magnesium as MgCO3	0.99	mg/Kg		25	
Molybdenum	0.15 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	0.86 J	mg/Kg	0.42	3	
Vanadium	ND	mg/Kg	0.37	0.5	
Zinc	1.25 J	mg/Kg	0.28	5	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1212646LCS1											
Antimony	100		97.1		mg/Kg	97			80-120		
Arsenic	100		93.3		mg/Kg	93			80-120		
Barium	100		94.9		mg/Kg	95			80-120		
Beryllium	100		90.7		mg/Kg	91			80-120		
Cadmium	100		94.1		mg/Kg	94			80-120		
Chromium	100		88.8		mg/Kg	89			80-120		
Cobalt	100		96.7		mg/Kg	97			80-120		
Copper	100		90.8		mg/Kg	91			80-120		
Lead	100		102		mg/Kg	102			80-120		
Molybdenum	100		101		mg/Kg	101			80-120		
Nickel	100		101		mg/Kg	101			80-120		
Selenium	100		87.3		mg/Kg	87			80-120		
Silver	100		88.6		mg/Kg	89			80-120		
Thallium	100		98.7		mg/Kg	99			80-120		
Vanadium	100		96.5		mg/Kg	97			80-120		
Zinc	100		102		mg/Kg	102			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1212646MS1, QC1212646MSD1												
Antimony	ND	100	100	39.2	31.8	mg/Kg	40	32	20.8	75-125	20	M,D
Arsenic	4.18	100	100	102	109	mg/Kg	98	105	6.6	75-125	20	

QCBatchID: **QC1212646**

Analyst: rvenegas

Method: EPA 6010B

Matrix: Solid

Analyzed: 12/17/2019

Instrument: AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1212646MS1, QC1212646MSD1											Source: 422837-020	
Barium	135	100	100	221	251	mg/Kg	86	116	12.7	75-125	20	
Beryllium	ND	100	100	96.1	96.8	mg/Kg	96	97	0.7	75-125	20	
Cadmium	0.50	100	100	102	106	mg/Kg	102	106	3.8	75-125	20	
Chromium	20.5	100	100	110	119	mg/Kg	90	99	7.9	75-125	20	
Cobalt	11.2	100	100	112	118	mg/Kg	101	107	5.2	75-125	20	
Copper	20.0	100	100	115	111	mg/Kg	95	91	3.5	75-125	20	
Lead	6.66	100	100	106	113	mg/Kg	99	106	6.4	75-125	20	
Molybdenum	ND	100	100	101	105	mg/Kg	101	105	3.9	75-125	20	
Nickel	15.9	100	100	112	119	mg/Kg	96	103	6.1	75-125	20	
Selenium	ND	100	100	86.5	94.5	mg/Kg	87	95	8.8	75-125	20	
Silver	ND	100	100	92.1	100	mg/Kg	92	100	8.2	75-125	20	
Thallium	2.86	100	100	95.8	103	mg/Kg	93	100	7.2	75-125	20	
Vanadium	38.7	100	100	140	152	mg/Kg	101	113	8.2	75-125	20	
Zinc	51.0	100	100	144	157	mg/Kg	93	106	8.6	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 - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No:

422549

Page:

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Turn Around Time (rush by advanced notice only)

Standard:

X

5 Day:

3 Day:

2 Day:

1 Day:

Custom TAT:

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

1.7 / 0.3

0.4 / 0.3

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold								
1 EB-120919A	12/9/19	1046	H ₂ O	1-amber 1-plastic	ICE	X													
2 EB-120919B		1046	H ₂ O	↓	ICE	X													
3 AOCI-E-B4NW-0.5		0755	SOIL	1-8oz jar	ICE	X													
4 AOCI-E-B4NW-1.5		0757			ICE						X								Hold
5 AOCI-E-B4NW-2.5		0759			ICE						X								Hold
6 AOCI-E-B4SW-0.5		0755			ICE	X													
7 AOCI-E-B4SW-1.5		0759			ICE						X								Hold
8 AOCI-E-B4SW-2.5		0801			ICE						X								Hold
9 AOCI-E-B4SS-0.5		0803			ICE	X													
10 AOCI-E-B4SS-1.5		0805			ICE						X								Hold

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:	<i>[Signature]</i>	LINDA TON	NPM	12/9/19 1347
¹ Received By:	<i>[Signature]</i>	Elizabeth Ramirez	EA	12/9/19 1347
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No:

4225A9

Page:

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Turn Around Time (rush by advanced notice only)

Standard:

X

5 Day:

3 Day:

2 Day:

1 Day:

Custom TAT:

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold										
1 AOC1-E-B43S-2.5	12/9/19	0807	S	1-80Z	ICE						X									Hold	
2 AOC1-E-B4SE-0.5		0806			ICE	X															
3 AOC1-E-B4SE-1.5		0807			ICE						X										Hold
4 AOC1-E-B4SE-2.5		0808			ICE						X										Hold
5 AOC1-E-B4EE-0.5		0801			ICE	X															
6 AOC1-E-B4EE-1.5		0803			ICE						X										Hold
7 AOC1-E-B4EE-2.5		0805			ICE						X										Hold
8 AOC1-W-B7SE-0.5		0840			ICE	X															
9 AOC1-W-B7SE-1.5		0842			ICE						X										Hold
10 AOC1-W-B7SE-2.5		0844			ICE						X										Hold

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		LINDA TON	N3M	12/9/19 1347
¹ Received By:		Elizabeth Ramirez	EA	12/9/19 1347
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

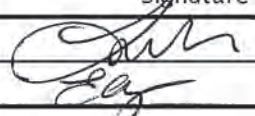
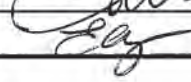
Chain of Custody Record		Turn Around Time (rush by advanced notice only)									
Lab No:	422549					Standard:	X	5 Day:		3 Day:	
Page:	3	of	8	2 Day:		1 Day:		Custom TAT:			
Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900				Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other				Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: (lab use only)	

CUSTOMER INFORMATION			PROJECT INFORMATION				Analysis Request						Test Instructions / Comments											
Company:	Ninyo & Moore	Name:	Compton High School PEA				Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold												
Report To:	Patrick Cullip	Number:	210886002																					
Email:	pcullip@ninyoandmoore.com	P.O. #:																						
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue																					
	Irvine, CA 92618		Compton, CA 90220																					
Phone:	(949) 753-7070	Global ID:																						
Fax:	(949) 753-7071	Sampled By:	AUC & LNT																					
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																			
1	AOCI-W-B7EE-0.5	12/9/19	0840	S	1-8oz jar	ICE										X								
2	AOCI-W-B7EE-1.5		0841			ICE														X				Hold
3	AOCI-W-B7EE-2.5		0843			ICE					X				Hold									
4	AOCI-E-B31NE-0.5		0918			ICE	X																	
5	AOCI-E-B31NE-1.5		0923			ICE					X				Hold									
6	AOCI-E-B31NE-2.5		0925			ICE					X				Hold									
7	AOCI-E-B31EE-0.5		0921			ICE	X																	
8	AOCI-E-B31EE-1.5		0922			ICE					X				Hold									
9	AOCI-E-B31EE-2.5		0923			ICE					X				Hold									
10	AOCI-E-B33NE-0.5		0934			ICE	X																	

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		LINDA TON	N3M	12/9/19 1347
¹ Received By:		Elizabeth Ramirez	EA	12/9/19 1347
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				

Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No:	422549	Standard:	X	5 Day:	3 Day:
Page:	4 of 8	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 Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other	
Sample Receipt Temp: (lab use only)					

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments											
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold												
Report To:	Patrick Cullip	Number:	210886002																				
Email:	pcullip@ninyoandmoore.com	P.O. #:																					
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue																				
	Irvine, CA 92618		Compton, CA 90220																				
Phone:	(949) 753-7070	Global ID:																					
Fax:	(949) 753-7071	Sampled By:	AUC & LNT																				
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																		
1	AOCI-E-B33NE-1.5	12/9/19	0935	Soil	1-8oz jar										ICE								Hold
2	AOCI-E-B33NE-2.5		0936												ICE								Hold
3	AOCI-E-B33EE-0.5		0936			ICE	X																
4	AOCI-E-B33EE-1.5		0932			ICE								Hold									
5	AOCI-E-B33EE-2.5		0933			ICE								Hold									
6	AOCI-E-B33SE-0.5		0930			ICE	X																
7	AOCI-E-B33SE-1.5		0933			ICE								Hold									
8	AOCI-E-B33SE-2.5		0935			ICE								Hold									
9	AOCI-E-B33SS-0.5		0939			ICE	X																
10	AOCI-E-B33SS-1.5		0940			ICE								Hold									

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		LINDA TON	N3M	12/9/19 1347
¹ Received By:		Elizabeth Ramirez	EA	12/9/19 1347
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



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 Phone 714-771-6900

Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No: 422549	Page: 5 of 8	Standard: X	5 Day:	3 Day:	
		2 Day:	1 Day:	Custom TAT:	
Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: (lab use only)	

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments										
Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold											
Report To:	Patrick Cullip	Number:	210886002																			
Email:	pcullip@ninyoandmoore.com	P.O. #:																				
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue																			
	Irvine, CA 92618		Compton, CA 90220																			
Phone:	(949) 753-7070	Global ID:																				
Fax:	(949) 753-7071	Sampled By:	AUC & LNT																			
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																	
1 AOC1-E-B33SS-2.5	12/9/19	0941	SOIL	1-80Z JAR	ICE														X			Hold
2 AOC1-E-B34NN-0.5		0944			ICE										X							
3 AOC1-E-B34NN-1.5		0945			ICE					X			Hold									
4					ICE																	
5					ICE																	
6					ICE																	
7					ICE																	
8					ICE																	
9					ICE																	
10					ICE																	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		LINDA TON	N3M	12/9/19 1347
1 Received By:		Elizabeth Damier	EA	12/9/19 1347
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				



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Chain of Custody Record

Lab No:

4225A9

Page:

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of

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Turn Around Time (rush by advanced notice only)

Standard:

X

5 Day:

3 Day:

2 Day:

1 Day:

Custom TAT:

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Ninyo & Moore	Name:	Compton High School PEA
Report To:	Patrick Cullip	Number:	210886002
Email:	pcullip@ninyoandmoore.com	P.O. #:	
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue
	Irvine, CA 92618		Compton, CA 90220
Phone:	(949) 753-7070	Global ID:	
Fax:	(949) 753-7071	Sampled By:	AUC & LNT

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold								
1 AOC1-E-B34NN-2.5	12/9/19	0946	SOIL	1-8oz jar	ICE						X								Hold
2 AOC1-E-B34NE-0.5		0938			ICE	X													
3 AOC1-E-B34NE-1.5		0940			ICE						X								Hold
4 AOC1-E-B34NE-2.5		0942			ICE						X								Hold
5 AOC1-E-B36SE-0.5		0949			ICE	X													
6 AOC1-E-B36SE-1.5		0952			ICE						X								Hold
7 AOC1-E-B36SE-2.5		0953			ICE						X								Hold
8 AOC1-E-B39NN-0.5		1033			ICE	X													
9 AOC1-E-B39NN-1.5		1034			ICE						X								Hold
10 AOC1-E-B39NN-2.5		1035			ICE						X								Hold

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		LINDA TON	N3M	12/9/19 1347
¹ Received By:		Elizabeth Ramirez	EA	12/9/19 1347
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



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 Phone 714-771-6900

Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No: 422649	Standard: X	5 Day:	3 Day:		
Page: 7 of 8	2 Day:	1 Day:	Custom TAT:		
Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: (lab use only)	

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments	
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Company:	Ninyo & Moore	Name:	Compton High School PEA			Lead (6010B) TPHg,d,o (8015B/5035) VOCs (8260B/5035) TPHg,d,o (8015B) VOCs (8260B) Hold																
Report To:	Patrick Cullip	Number:	210886002																			
Email:	pcullip@ninyoandmoore.com	P.O. #:																				
Address:	475 Goddard, Suite 200	Address:	601 South Acacia Avenue																			
	Irvine, CA 92618		Compton, CA 90220																			
Phone:	(949) 753-7070	Global ID:																				
Fax:	(949) 753-7071	Sampled By:	AUC & LNT																			
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																	
1 AOCI-E-B39NE-0.5	12/9/19	1035	SOIL	1-8oz Jar	ICE										X							
2 AOCI-E-B39NE-1.5		1036			ICE														X			Hold
3 AOCI-E-B39NE-2.5		1037			ICE					X			Hold									
4 AOCI-E-B39EE-0.5		1029			ICE	X																
5 AOCI-E-B39EE-1.5		1030			ICE					X			Hold									
6 AOCI-E-B39EE-2.5		1031			ICE					X			Hold									
7 AOCI-E-B39SE-0.5		1029			ICE	X																
8 AOCI-E-B39SE-1.5		1030			ICE					X			Hold									
9 AOCI-E-B39SE-2.5		1031			ICE					X			Hold									
10 DUP-68		-			ICE	X																

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		LINDA TON	NSM	12/9/19 1347
¹ Received By:		Elizabeth Ramirez	EA	12/9/19 1347
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



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Chain of Custody Record

Lab No: 4225A9

Page: 8 of 8

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:

2 Day: 1 Day: Custom TAT:

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Phone 714-771-6900

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

Company: Ninyo & Moore
 Report To: Patrick Cullip
 Email: pcullip@ninyoandmoore.com
 Address: 475 Goddard, Suite 200
 Irvine, CA 92618
 Phone: (949) 753-7070
 Fax: (949) 753-7071

PROJECT INFORMATION

Name: Compton High School PEA
 Number: 210886002
 P.O. #:
 Address: 601 South Acacia Avenue
 Compton, CA 90220
 Global ID:
 Sampled By: AUC & LNT

Analysis Request

Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold															
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Test Instructions / Comments

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 DUP-71	12/9/19	—	Soil	1 - 8oz	ICE
2 DUP-72		—	Soil		ICE
3 DUP-73		—	Soil		ICE
4 DUP-74		—	Soil		ICE
5 DUP-75		—	Soil		ICE
6					ICE
7					ICE
8					ICE
9					ICE
10					ICE

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		LINDA TON	NBM	12/9/19 1347
¹ Received By:		Elizabeth Ramirez	EA	12/9/19 1347
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: 12/9/19 Sampler's Name Present: Yes No ER 12/9/19

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: 1.7 #2: 8.4 #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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sample IDs present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are sampling dates & times present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is a relinquished signature present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are custody seals present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If custody seals are present, were they intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are the containers labeled with the correct preservatives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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: [Signature] Date: 12/9/19

From: [Patrick J. Cullip](#)
To: [Ranjit Clarke](#)
Cc: [Jay Roberts](#); [Audrey Carroll](#)
Subject: RE: Compton High School PEA (12/09/19) - Enthalpy Analytical Final Report #422549
Date: Monday, December 16, 2019 12:56:47 PM

Ranjit,

Please analyze the following samples for lead by 6010B under normal TAT:

- AOC1-E-B4NW-1.5
- AOC1-E-B4SS-1.5
- AOC1-E-B4EE-1.5
- AOC1-E-B33SS-1.5
- AOC1-E-B39NN-1.5

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Monday, December 16, 2019 12:26 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: Compton High School PEA (12/09/19) - Enthalpy Analytical Final Report #422549

Hi Patrick Cullip,

Attached is your final report #422549. Several samples exceeded the TCLP and STLC Lead limits. Please let me know if you require these to be analyzed, as well as any hold samples.

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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Enthalpy Analytical, LLC

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Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com



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

Lab Request: 422579
Report Date: 12/24/2019
Date Received: 12/10/2019
Client ID: 15461

Comments: Compton High School PEA
#210886002
601 South Acacia Avenue, Compton, CA 90220

Supplemental Report 1 - Additional metals requested on 12/17/19 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**

422579-001 WC-121019B

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.

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.

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Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/10/2019 08:30	Site:	
Sample #: <u>422579-001</u>	Client Sample #: WC-121019B	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
Method: EPA 6010B <i>NELAC</i>	Prep Method: EPA 3010A						QCBatchID: QC1209892	
Antimony	0.068	1	0.014	0.04	mg/L		12/12/19	KLN
Arsenic	0.031	1	0.008	0.01	mg/L		12/12/19	KLN
Barium	0.624	1	0.002	0.01	mg/L		12/12/19	KLN
Beryllium	ND	1	0.001	0.005	mg/L		12/12/19	KLN
Cadmium	ND	1	0.002	0.005	mg/L		12/12/19	KLN
Chromium	0.141	1	0.002	0.01	mg/L		12/12/19	KLN
Cobalt	0.049	1	0.002	0.005	mg/L		12/12/19	KLN
Copper	0.195	1	0.001	0.01	mg/L		12/12/19	KLN
Lead	0.372	1	0.005	0.01	mg/L		12/12/19	KLN
Molybdenum	0.031	1	0.005	0.01	mg/L		12/12/19	KLN
Nickel	0.094	1	0.003	0.02	mg/L		12/12/19	KLN
Selenium	ND	1	0.016	0.03	mg/L		12/12/19	KLN
Silver	ND	1	0.003	0.005	mg/L		12/12/19	KLN L
Thallium	0.042 J	1	0.009	0.05	mg/L		12/12/19	KLN B1,J
Vanadium	0.223	1	0.002	0.005	mg/L		12/12/19	KLN
Zinc	2.12	1	0.017	0.05	mg/L		12/12/19	KLN
Method: EPA 7470A <i>NELAC</i>	Prep Method: Method						QCBatchID: QC1212852	
Mercury	0.35 J	1	0.094	0.4	ug/L		12/24/19	KLN
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 3510C						QCBatchID: QC1209821	
DRO (C10 to C28)	1.6	2	0.08	0.2	mg/L	12/11/19	12/12/19	TW
ORO (C28 to C40)	ND	2	0.6	0.6	mg/L	12/11/19	12/12/19	TW
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>				
<i>Triacontane (SUR)</i>	58		50-150					
Method: EPA 8015B <i>NELAC</i>	Prep Method: EPA 5030B						QCBatchID: QC1209508	
TPH Gasoline	ND	50	800	2500	ug/L		12/13/19	EW D2
<u>Surrogate</u>	<u>% Recovery</u>		<u>Limits</u>	<u>Notes</u>				
<i>4-Bromofluorobenzene (SUR)</i>	91		60-140					
Method: EPA 8260B <i>NELAC</i>	Prep Method: EPA 5030B						QCBatchID: QC1209935	
1,1,1,2-Tetrachloroethane	ND	50	12.5	250	ug/L		12/13/19	LZ D2
1,1,1-Trichloroethane	ND	50	19	250	ug/L		12/13/19	LZ D2
1,1,2,2-Tetrachloroethane	ND	50	12.5	250	ug/L		12/13/19	LZ D2
1,1,2-Trichloroethane	ND	50	12.5	250	ug/L		12/13/19	LZ D2
1,1,2-Trichlorotrifluoroethane	ND	50	14.5	250	ug/L		12/13/19	LZ D2
1,1-Dichloroethane	ND	50	16	250	ug/L		12/13/19	LZ D2
1,1-Dichloroethene	ND	50	15	250	ug/L		12/13/19	LZ D2
1,1-Dichloropropene	ND	50	12.5	250	ug/L		12/13/19	LZ D2
1,2,3-Trichlorobenzene	ND	50	14	250	ug/L		12/13/19	LZ D2
1,2,3-Trichloropropane	ND	50	8	250	ug/L		12/13/19	LZ D2
1,2,4-Trichlorobenzene	ND	50	13.5	250	ug/L		12/13/19	LZ D2
1,2,4-Trimethylbenzene	ND	50	14	250	ug/L		12/13/19	LZ D2
1,2-Dibromo-3-chloropropane	ND	50	6	250	ug/L		12/13/19	LZ D2
1,2-Dibromoethane	ND	50	9.5	250	ug/L		12/13/19	LZ D2
1,2-Dichlorobenzene	ND	50	13	250	ug/L		12/13/19	LZ D2
1,2-Dichloroethane	ND	50	10	250	ug/L		12/13/19	LZ D2
1,2-Dichloropropane	ND	50	18	250	ug/L		12/13/19	LZ D2
1,3,5-Trimethylbenzene	ND	50	12	250	ug/L		12/13/19	LZ D2
1,3-Dichlorobenzene	ND	50	17	250	ug/L		12/13/19	LZ D2
1,3-Dichloropropane	ND	50	9.5	250	ug/L		12/13/19	LZ D2
1,4-Dichlorobenzene	ND	50	21.5	250	ug/L		12/13/19	LZ D2
2,2-Dichloropropane	ND	50	16	250	ug/L		12/13/19	LZ D2
2-Butanone (MEK)	ND	50	39	5000	ug/L		12/13/19	LZ D2
2-Chlorotoluene	ND	50	16.5	250	ug/L		12/13/19	LZ D2

Matrix: Water	Client: Ninyo & Moore	Collector: Client
Sampled: 12/10/2019 08:30	Site:	
Sample #: <u>422579-001</u>	Client Sample #: WC-121019B	Sample Type:

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed By	Notes
4-Chlorotoluene	ND	50	15.5	250	ug/L		12/13/19	LZ D2
4-Isopropyltoluene	ND	50	16	250	ug/L		12/13/19	LZ D2
4-Methyl-2-pentanone (MIBK)	ND	50	6	250	ug/L		12/13/19	LZ D2
Acetone	ND	50	2500	5000	ug/L		12/13/19	LZ D2
Allyl Chloride	ND	50	9.5	250	ug/L		12/13/19	LZ D2
Benzene	ND	50	9	50	ug/L		12/13/19	LZ D2
Bromobenzene	ND	50	26.5	250	ug/L		12/13/19	LZ D2
Bromochloromethane	ND	50	8.5	250	ug/L		12/13/19	LZ D2
Bromodichloromethane	ND	50	15.5	250	ug/L		12/13/19	LZ D2
Bromoform	ND	50	6.5	250	ug/L		12/13/19	LZ D2
Bromomethane	ND	50	34	250	ug/L		12/13/19	LZ D2
Carbon Tetrachloride	ND	50	13.5	250	ug/L		12/13/19	LZ D2
Chlorobenzene	ND	50	9.5	250	ug/L		12/13/19	LZ D2
Chlorodibromomethane	ND	50	10.5	250	ug/L		12/13/19	LZ D2
Chloroethane	ND	50	22.5	250	ug/L		12/13/19	LZ D2
Chloroform	23 J	50	9	250	ug/L		12/13/19	LZ J,D2
Chloromethane	ND	50	13.5	250	ug/L		12/13/19	LZ D2
cis-1,2-Dichloroethene	ND	50	13.5	250	ug/L		12/13/19	LZ D2
cis-1,3-dichloropropene	ND	50	12.5	250	ug/L		12/13/19	LZ D2
cis-1,4-dichloro-2-butene	ND	50	8.5	250	ug/L		12/13/19	LZ D2
Dibromomethane	ND	50	11.5	250	ug/L		12/13/19	LZ D2
Dichlorodifluoromethane	ND	50	16.5	250	ug/L		12/13/19	LZ D2
Di-isopropyl ether (DIPE)	ND	50	8.5	50	ug/L		12/13/19	LZ D2
Ethylbenzene	ND	50	10.5	250	ug/L		12/13/19	LZ D2
Ethyl-tertbutylether (ETBE)	ND	50	11.5	50	ug/L		12/13/19	LZ D2
Hexachlorobutadiene	ND	50	25.5	250	ug/L		12/13/19	LZ D2
Isopropylbenzene	ND	50	12	250	ug/L		12/13/19	LZ D2
m and p-Xylene	ND	50	22.5	250	ug/L		12/13/19	LZ D2
Methylene chloride	460	50	8	250	ug/L		12/13/19	LZ B,D2,C
Methyl-t-butyl Ether (MTBE)	ND	50	9.5	50	ug/L		12/13/19	LZ D2
Naphthalene	ND	50	12.5	250	ug/L		12/13/19	LZ D2
N-butylbenzene	ND	50	12.5	250	ug/L		12/13/19	LZ D2
N-propylbenzene	ND	50	15.5	250	ug/L		12/13/19	LZ D2
o-Xylene	ND	50	14.5	250	ug/L		12/13/19	LZ D2
Sec-butylbenzene	ND	50	16	250	ug/L		12/13/19	LZ D2
Styrene	ND	50	11	250	ug/L		12/13/19	LZ D2
t-Butyl alcohol (TBA)	ND	50	260	500	ug/L		12/13/19	LZ D2
Tert-amylmethylether (TAME)	ND	50	9.5	250	ug/L		12/13/19	LZ D2
Tert-butylbenzene	ND	50	20	250	ug/L		12/13/19	LZ D2
Tetrachloroethene	ND	50	40	250	ug/L		12/13/19	LZ D2
Toluene	ND	50	12	250	ug/L		12/13/19	LZ D2
trans-1,2-dichloroethene	ND	50	16.5	250	ug/L		12/13/19	LZ D2
trans-1,3-dichloropropene	ND	50	11.5	250	ug/L		12/13/19	LZ D2
trans-1,4-dichloro-2-butene	ND	50	8.5	250	ug/L		12/13/19	LZ D2
Trichloroethene	ND	50	19.5	250	ug/L		12/13/19	LZ D2
Trichlorofluoromethane	ND	50	12.5	250	ug/L		12/13/19	LZ D2
Vinyl Chloride	ND	50	9	250	ug/L		12/13/19	LZ D2
Xylenes (Total)	ND	50	22.5	250	ug/L		12/13/19	LZ D2
<u>Surrogate</u>			<u>% Recovery</u>	<u>Limits</u>				<u>Notes</u>
1,2-Dichloroethane-d4 (SUR)			92	70-145				
4-Bromofluorobenzene (SUR)			112	70-145				
Dibromofluoromethane (SUR)			102	70-145				
Toluene-d8 (SUR)			103	70-145				

QCBatchID: QC1209508	Analyst: sandyw	Method: EPA 8015B
Matrix: Water	Analyzed: 12/13/2019	Instrument: VOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209508MB1					
TPH (C5 to C12)	ND	ug/L	16	50	
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209508LCS1											
TPH Gasoline	500		520		ug/L	104			70-130		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209508MS1, QC1209508MSD1 Source: 422707-001												
TPH Gasoline	ND	500	500	430	430	ug/L	86	86	0.0	70-130	30	

QCBatchID: <u>QC1209821</u>	Analyst: Abanh	Method: EPA 8015B
Matrix: Water	Analyzed: 12/12/2019	Instrument: SVOA-GC (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209821MB1					
DRO (C10 to C28)	ND	mg/L	0.04	0.1	
ORO (C28 to C40)	ND	mg/L	0.3	0.3	
TPH (C10 to C24)	ND	mg/L	0.04	0.2	
TPH (C13 to C22)	ND	mg/L	0.04	0.2	
TPH (C23 to C24)	ND	mg/L	0.05	0.05	
TPH (C24 to C36)	ND	mg/L	0.07	0.3	
TPH Diesel	0.043 J	mg/L	0.04	0.1	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209821LCS1, QC1209821LCSD1											
TPH Diesel	1	1	0.79	0.79	mg/L	79	79	0	70-130	20	

QCBatchID: QC1209892	Analyst: rvenegas	Method: EPA 6010B
Matrix: Water	Analyzed: 12/12/2019	Instrument: AAICP (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209892MB1					
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	
Boron	ND	mg/L	0.03	0.05	
Cadmium	ND	mg/L	0.002	0.005	
Calcium	ND	mg/L	0.064	0.1	
Chromium	ND	mg/L	0.002	0.01	
Cobalt	ND	mg/L	0.002	0.005	
Copper	0.002 J	mg/L	0.001	0.01	
Iron	0.015 J	mg/L	0.008	0.02	
Lead	ND	mg/L	0.005	0.01	
Magnesium	ND	mg/L	0.044	0.1	
Molybdenum	ND	mg/L	0.005	0.01	
Nickel	0.004 J	mg/L	0.003	0.02	
Potassium	ND	mg/L	0.167	0.5	
Selenium	ND	mg/L	0.016	0.03	
Silver	ND	mg/L	0.003	0.005	
Sodium	ND	mg/L	0.067	0.5	
Thallium	0.013 J	mg/L	0.009	0.05	
Tin	0.030 J	mg/L	0.008	0.05	
Titanium	ND	mg/L	0.002	0.01	
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209892LCS1											
Antimony	2		2.07		mg/L	104			80-120		
Arsenic	2		1.95		mg/L	98			80-120		
Barium	2		2.04		mg/L	102			80-120		
Beryllium	2		1.87		mg/L	94			80-120		
Cadmium	2		2.03		mg/L	102			80-120		
Chromium	2		1.91		mg/L	96			80-120		
Cobalt	2		2.06		mg/L	103			80-120		
Copper	2		1.88		mg/L	94			80-120		
Lead	2		2.16		mg/L	108			80-120		
Molybdenum	2		2.04		mg/L	102			80-120		
Nickel	2		2.05		mg/L	103			80-120		
Selenium	2		1.81		mg/L	91			80-120		
Silver	2		2.95		mg/L	148			80-120		L
Thallium	2		1.94		mg/L	97			80-120		
Vanadium	2		2.04		mg/L	102			80-120		
Zinc	2		2.00		mg/L	100			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209892MS1, QC1209892MSD1												
Antimony	0.068	1	1	0.541	0.517	mg/L	47	45	4.5	75-125	20	M
Arsenic	0.031	1	1	1.07	1.05	mg/L	104	102	1.9	75-125	20	

QCBatchID: **QC1209892**

Analyst: rvenegas

Method: EPA 6010B

Matrix: Water

Analyzed: 12/12/2019

Instrument: AAICP (group)

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1209892MS1, QC1209892MSD1											Source: 422579-001	
Barium	0.624	1	1	1.65	1.63	mg/L	103	101	1.2	75-125	20	
Beryllium	ND	1	1	0.946	0.950	mg/L	95	95	0.4	75-125	20	
Cadmium	ND	1	1	1.04	1.02	mg/L	104	102	1.9	75-125	20	
Chromium	0.141	1	1	1.04	1.05	mg/L	90	91	1.0	75-125	20	
Cobalt	0.049	1	1	1.06	1.04	mg/L	101	99	1.9	75-125	20	
Copper	0.195	1	1	1.27	1.26	mg/L	108	107	0.8	75-125	20	
Lead	0.372	1	1	1.38	1.36	mg/L	101	99	1.5	75-125	20	
Molybdenum	0.031	1	1	0.963	0.940	mg/L	93	91	2.4	75-125	20	
Nickel	0.094	1	1	1.08	1.06	mg/L	99	97	1.9	75-125	20	
Selenium	ND	1	1	0.850	0.820	mg/L	85	82	3.6	75-125	20	
Silver	ND	1	1	1.47	1.46	mg/L	147	146	0.7	75-125	20	M
Thallium	0.042	1	1	0.885	0.862	mg/L	84	82	2.6	75-125	20	
Vanadium	0.223	1	1	1.22	1.22	mg/L	100	100	0.0	75-125	20	
Zinc	2.12	1	1	3.34	3.25	mg/L	122	113	2.7	75-125	20	

QCBatchID: **QC1209935**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 12/12/2019

Instrument: VOA-MS (group)

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209935MB1					
1,1,1,2-Tetrachloroethane	ND	ug/L	0.25	5	
1,1,1-Trichloroethane	ND	ug/L	0.38	5	
1,1,2-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	
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	
m and p-Xylene	ND	ug/L	0.45	5	

QCBatchID: **QC1209935**

Analyst: lucy

Method: EPA 8260B

Matrix: Water

Analyzed: 12/12/2019

Instrument: VOA-MS (group)

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1209935MB1					
Methylene chloride	5.4	ug/L	0.16	5	B
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		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1209935LCS1, QC1209935LCSD1											
1,1-Dichloroethene	50	50	62	58	ug/L	124	116	7	59-172	22	
Benzene	50	50	59	56	ug/L	118	112	5	62-137	24	
Chlorobenzene	50	50	58	56	ug/L	116	112	4	60-133	24	
Methyl-t-butyl Ether (MTBE)	50	50	51	48	ug/L	102	96	6	62-137	21	
Toluene	50	50	59	56	ug/L	118	112	5	59-139	21	
Trichloroethene	50	50	58	54	ug/L	116	108	7	66-142	21	

QCBatchID: QC1212852	Analyst: sbailey-woo	Method: EPA 7470A
Matrix: Water	Analyzed: 12/23/2019	Instrument: AAICP-HG1

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1212852MB1					
Mercury	ND	ug/L	0.094	0.4	

Lab Control Spike/ Lab Control Spike Duplicate Summary

Analyte	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
	LCS	LCSD	LCS	LCSD		LCS	LCSD	RPD	%Rec	RPD	
QC1212852LCS1											
Mercury	5		4.75		ug/L	95			80-120		

Matrix Spike/Matrix Spike Duplicate Summary

Analyte	Sample Amount	Spike Amount		Spike Result		Units	Recoveries			Limits		Notes
		MS	MSD	MS	MSD		MS	MSD	RPD	%Rec	RPD	
QC1212852MS1, QC1212852MSD1 Source: 422922-002												
Mercury	ND	5	5	6.51	6.33	ug/L	130	127	2.8	75-125	20	M
QC1212852MS2 Source: 423041-004												
Mercury	0.10	5		6.75		ug/L	133			75-125		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 - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No: 422579	Page: 1 of 1	Standard: X	5 Day:	3 Day:	
		2 Day:	1 Day:	Custom TAT:	
Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: 10.0 / 0.4 (lab use only)	

CUSTOMER INFORMATION			PROJECT INFORMATION			Analysis Request						Test Instructions / Comments	
Company:	Ninyo & Moore		Name:	Compton High School PEA			Lead (6010B)	TPHg,d,o (8015B/5035)	VOCs (8260B/5035)	TPHg,d,o (8015B)	VOCs (8260B)	Hold	
Report To:	Patrick Cullip		Number:	210886002									
Email:	pcullip@ninyoandmoore.com		P.O. #:										
Address:	475 Goddard, Suite 200 Irvine, CA 92618		Address:	601 South Acacia Avenue Compton, CA 90220									
Phone:	(949) 753-7070		Global ID:										
Fax:	(949) 753-7071		Sampled By:	AUC & LNT									
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.								
1	WC-121019B	12/10/19	0830	H ₂ O	1 - amber 3 - plastic 3 - VOCs	ICE	X		X	X			
2						ICE							
3						ICE							
4						ICE							
5						ICE							
6						ICE							
7						ICE							
8						ICE							
9						ICE							
10						ICE							

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	N & M	12/10/19 1026
1 Received By:		Christine P.	FEA	12/10/19 1026
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				



SAMPLE ACCEPTANCE CHECKLIST

Section 1
Client: Ninyo & Moore Project: _____
Date Received: 12/10/19 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: 10.0 #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: -0.4 #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
3/3 vials had headspace

Section 6
For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time: _____
 Email (email sent to/on): KC 1 12/10/19
Project Manager's response: _____

Completed By: [Signature] Date: 12/10/19

From: [Patrick J. Cullip](#)
To: [Ranjit Clarke](#)
Cc: [Jay Roberts](#); [Audrey Carroll](#)
Subject: RE: Compton High School PEA (12/10/19) - Enthalpy Analytical Final Report #422579
Date: Tuesday, December 17, 2019 1:04:07 PM

Ranjit,

Please run the sample WC-121019B for Title 22 Metals by 6010B/7471A. It also looks like the sample was run for STLC lead instead of just lead, which we did not request.

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Tuesday, December 17, 2019 12:58 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Jay Roberts <jroberts@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: Compton High School PEA (12/10/19) - Enthalpy Analytical Final Report #422579

Hi Patrick Cullip,

Attached is your final report #422579.

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.

CONFIDENTIALITY NOTICE: The contents of this email message and any attachments are intended solely for the addressee(s) and may contain confidential, proprietary and/or privileged information and may be legally protected from disclosure. If you are not the intended recipient of this message or their agent, or if this message has been addressed to you in error, please immediately alert the sender by reply email and then delete this message and any attachments and the reply from your system. If you are not the intended recipient, you are hereby notified that any disclosure, use, dissemination, copying, or storage of this message or its attachments is strictly prohibited.



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 425982
Report Level: II
Report Date: 04/01/2020

Analytical Report *prepared for:*

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Location: Compton High School - 601 S. Acacia Ave. - Supplemental Report 1

Authorized for release by:

Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Sample Summary

Patrick Cullip Ninyo & Moore 475 Goddard Suite 200 Irvine, CA 92618	Lab Job #: 425982 Location: Compton High School - 601 S. Acacia Ave. - Supplemental Report 1 Date Received: 03/16/20	
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Sample ID	Lab ID	Collected	Matrix
AOC5-B26-0.5	425982-001	03/16/20 09:10	Soil
AOC5-B26-1.5	425982-002	03/16/20 09:11	Soil
AOC5-B26-2.5	425982-003	03/16/20 09:12	Soil
AOC5-B27-0.5	425982-004	03/16/20 09:20	Soil
AOC5-B27-1.5	425982-005	03/16/20 09:21	Soil
AOC5-B27-2.5	425982-006	03/16/20 09:22	Soil
AOC5-B28-0.5	425982-007	03/16/20 08:41	Soil
AOC5-B28-1.5	425982-008	03/16/20 08:42	Soil
AOC5-B28-2.5	425982-009	03/16/20 08:43	Soil
AOC5-B29-0.5	425982-010	03/16/20 08:53	Soil
AOC5-B29-1.5	425982-011	03/16/20 08:54	Soil
AOC5-B29-2.5	425982-012	03/16/20 08:55	Soil
AOC5-B30-0.5	425982-013	03/16/20 10:05	Soil
AOC5-B30-1.5	425982-014	03/16/20 10:06	Soil
AOC5-B30-2.5	425982-015	03/16/20 10:07	Soil
AOC5-B31-0.5	425982-016	03/16/20 08:42	Soil
AOC5-B31-1.5	425982-017	03/16/20 08:43	Soil
AOC5-B31-2.5	425982-018	03/16/20 08:44	Soil
AOC5-B32-0.5	425982-019	03/16/20 09:50	Soil
AOC5-B32-1.5	425982-020	03/16/20 09:51	Soil
AOC5-B32-2.5	425982-021	03/16/20 09:52	Soil
AOC5-B33-0.5	425982-022	03/16/20 09:30	Soil
AOC5-B33-1.5	425982-023	03/16/20 09:31	Soil
AOC5-B33-2.5	425982-024	03/16/20 09:32	Soil
AOC5-B34-0.5	425982-025	03/16/20 09:39	Soil
AOC5-B34-1.5	425982-026	03/16/20 09:40	Soil
AOC5-B34-2.5	425982-027	03/16/20 09:41	Soil
AOC5-B35-0.5	425982-028	03/16/20 09:03	Soil

Sample Summary

Patrick Cullip Ninyo & Moore 475 Goddard Suite 200 Irvine, CA 92618	Lab Job #: 425982 Location: Compton High School - 601 S. Acacia Ave. - Supplemental Report 1 Date Received: 03/16/20	
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Sample ID	Lab ID	Collected	Matrix
AOC5-B35-1.5	425982-029	03/16/20 09:04	Soil
AOC5-B35-2.5	425982-030	03/16/20 09:05	Soil
AOC5-B36-0.5	425982-031	03/16/20 08:53	Soil
AOC5-B36-1.5	425982-032	03/16/20 08:54	Soil
AOC5-B36-2.5	425982-033	03/16/20 08:55	Soil
AOC5-B37-0.5	425982-034	03/16/20 10:14	Soil
AOC5-B37-1.5	425982-035	03/16/20 10:15	Soil
AOC5-B37-2.5	425982-036	03/16/20 10:19	Soil
AOC5-B38-0.5	425982-037	03/16/20 09:49	Soil
AOC5-B38-1.5	425982-038	03/16/20 09:50	Soil
AOC5-B38-2.5	425982-039	03/16/20 09:51	Soil
AOC5-B39-0.5	425982-040	03/16/20 10:02	Soil
AOC5-B39-1.5	425982-041	03/16/20 10:03	Soil
AOC5-B39-2.5	425982-042	03/16/20 10:04	Soil
AOC5-B40-0.5	425982-043	03/16/20 09:40	Soil
AOC5-B40-1.5	425982-044	03/16/20 09:41	Soil
AOC5-B40-2.5	425982-045	03/16/20 09:42	Soil
AOC5-B41-0.5	425982-046	03/16/20 09:45	Soil
AOC5-B41-1.5	425982-047	03/16/20 09:46	Soil
AOC5-B41-2.5	425982-048	03/16/20 09:47	Soil
AOC5-B42-0.5	425982-049	03/16/20 10:10	Soil
AOC5-B42-1.5	425982-050	03/16/20 10:11	Soil
AOC5-B42-2.5	425982-051	03/16/20 10:12	Soil
AOC5-B43-0.5	425982-052	03/16/20 09:27	Soil
AOC5-B43-1.5	425982-053	03/16/20 09:28	Soil
AOC5-B43-2.5	425982-054	03/16/20 09:29	Soil
AOC5-B44-0.5	425982-055	03/16/20 09:17	Soil
AOC5-B44-1.5	425982-056	03/16/20 09:18	Soil

Sample Summary

Patrick Cullip Ninyo & Moore 475 Goddard Suite 200 Irvine, CA 92618	Lab Job #: 425982 Location: Compton High School - 601 S. Acacia Ave. - Supplemental Report 1 Date Received: 03/16/20	
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Sample ID	Lab ID	Collected	Matrix
AOC5-B44-2.5	425982-057	03/16/20 09:19	Soil
DUP-76	425982-058	03/16/20 00:00	Soil
DUP-77	425982-059	03/16/20 00:00	Soil
DUP-78	425982-060	03/16/20 00:00	Soil
DUP-79	425982-061	03/16/20 00:00	Soil
DUP-80	425982-062	03/16/20 00:00	Soil
CG30-0.5	425982-063	03/16/20 00:00	Soil
CG30-2.5	425982-064	03/16/20 00:00	Soil
CG31-0.5	425982-065	03/16/20 00:00	Soil
CG31-2.5	425982-066	03/16/20 00:00	Soil
CG32-0.5	425982-067	03/16/20 00:00	Soil
CG32-1.5	425982-068	03/16/20 00:00	Soil
CG33-0.5	425982-069	03/16/20 00:00	Soil
CG33-2.5	425982-070	03/16/20 00:00	Soil
CG34-0.5	425982-071	03/16/20 00:00	Soil
CG34-2.5	425982-072	03/16/20 00:00	Soil
CG35-0.5	425982-073	03/16/20 00:00	Soil
CG35-2.5	425982-074	03/16/20 00:00	Soil
CG36-0.5	425982-075	03/16/20 00:00	Soil
CG36-2.5	425982-076	03/16/20 00:00	Soil
CG37-0.5	425982-077	03/16/20 00:00	Soil
CG37-2.5	425982-078	03/16/20 00:00	Soil
COMP DUP-9	425982-079	03/16/20 00:00	Soil
COMP DUP-10	425982-080	03/16/20 00:00	Soil
EB-03162020A	425982-081	03/16/20 10:35	Water
EB-03162020B	425982-082	03/16/20 10:35	Water

Case Narrative

Ninyo & Moore Lab Job 425982
475 Goddard Number:
Suite 200 Location: Compton High School - 601 S. Acacia Ave., Compton, CA
Irvine, CA 90220
92618 Date Received: 03/16/20
Patrick Cullip

This data package contains sample and QC results for thirty seven soil samples, eighteen soil composites, and two water samples, requested for the above referenced project on 03/16/20. The samples were received cold and intact.

Pesticides (EPA 8081A) Water:

All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. Low surrogate recoveries were observed for TCMX in EB-03162020A (lab # 425982-081), EB-03162020B (lab # 425982-082), and the method blank/BS/BS for batch 243397; the corresponding decachlorobiphenyl surrogate recoveries were within limits. No other analytical problems were encountered.

Pesticides (EPA 8081A) Soil:

All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. All samples underwent florasil cleanup using EPA Method 3620C. High RPD was observed for many analytes in the MS/MSD for batch 243405; the parent sample was not a project sample. High RPD was observed for many analytes in the MSD for batch 243657; the parent sample was not a project sample, and these analytes were not detected at or above the RL in the associated sample. Low surrogate recoveries were observed for TCMX in many samples; the corresponding decachlorobiphenyl surrogate recoveries were within limits. No other analytical problems were encountered.

Metals (EPA 6010B) Water:

No analytical problems were encountered.

Metals (EPA 6010B) Soil:

High recoveries were observed for lead in the MS/MSD of AOC5-B26-0.5 (lab # 425982-001); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for lead in the MS of WC-1 (lab # 425993-001); the LCS was within limits. High RPD was also observed for lead in the MS/MSD of WC-1 (lab # 425993-001). No other analytical problems were encountered.

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

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

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request				Test Instructions / Comments	
Company:	Ninyo and Moore	Name:	Compton High School	Lead (6010B)	OCFs (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold
Report To:	Patrick Cullip	Number:	210886002						
Email:	pcullip@ninyoandmoore.com	P.O. #:	NA						
Address:	475 Goddard, Suite 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 & CX						

cc results to: acarroll@ninyoandmoore.com
 X = discrete sample
 C = composite sample
 Composite Groups:
 CG30-0.5 CG30-2.5
 AOC5-B26-0.5 AOC5-B26-2.5
 AOC5-B27-0.5 AOC5-B27-2.5
 CG31-0.5 CG31-2.5
 AOC5-B28-0.5 AOC5-B28-2.5
 AOC5-B29-0.5 AOC5-B29-2.5

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCFs (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold
1 AOC5-B26-0.5	3/16/2020	0910	Soil	1-8oz jar	ICE	X	C				
2 AOC5-B26-1.5		0911									X
3 AOC5-B26-2.5		0912					C				
4 AOC5-B27-0.5		0920				X	C				
5 AOC5-B27-1.5		0921									X
6 AOC5-B27-2.5		0922					C				
7 AOC5-B28-0.5		0841				X	C				
8 AOC5-B28-1.5		0842									X
9 AOC5-B28-2.5		0843				X	C				No Lead Test
10 AOC5-B29-0.5		0853				X	C				

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	<i>Audrey Carroll</i>	<i>AC</i>	Ninyo and Moore / Staff	3/16/2020 C 1246
1 Received By:	<i>CP</i>	<i>6 Kim</i>	EA	3/18/20 1246
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:

2

of

9

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
 = Water DW = Drinking Water SD = Sediment W
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Ninyo and Moore
 Report To: Patrick Cullip
 Email: pcullip@ninyoandmoore.com
 Address: 475 Goddard, Suite 200
 Irvine, CA, 92618
 Phone: (949) 753-7070
 Fax: (949) 753-7071

Name: Compton High School
 Number: 210886002
 P.O. #: NA
 Address: 601 S Acacia Ave.
 Compton, CA 90220
 Global ID:
 Sampled By: AUC & CX

Lead (6010B)
 OCPs (8081A)
 Title 22 Metals (6010B-7471A)
 VOCs (8260B)
 TPHs (8015B)

cc results to: acarroll@ninyoandmoore.com
 X = discrete analysis
 C = composite sample
Composite Groups:
CG32-0.5 **CG32-2.5**
 AOC5-B30-0.5 AOC5-B30-2.5
 AOC5-B31-0.5 AOC5-B31-2.5
CG33-0.5 **CG33-2.5**
 AOC5-B32-0.5 AOC5-B32-2.5
 AOC5-B33-0.5 AOC5-B33-2.5

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold
1 AOC5-B29-1.5	3/16/2020	0854	SOIL	1-8oz jar	ICE						X
2 AOC5-B29-2.5		0856					C				
3 AOC5-B30-0.5		1005				X	C				
4 AOC5-B30-1.5		1006									X
5 AOC5-B30-2.5		1007					C				
6 AOC5-B31-0.5		0842				X	C				
7 AOC5-B31-1.5		0843									X
8 AOC5-B31-2.5		0844					C				
9 AOC5-B32-0.5		0950				X	C				
10 AOC5-B32-1.5		0951									X

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	Ninyo and Moore / Staff	3/16/2020 @ 1246
¹ Received By:		G Rina	GA	3/16/20 1246
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:

3

of

9

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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
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 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments	
Company:	Ninyo and Moore	Name:	Compton High School			Lead (6010B)	OCPs (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold	cc results to: acarroll@ninyoandmoore.com	
Report To:	Patrick Cullip	Number:	210886002									X = discrete analysis C = composite sample	
Email:	pcullip@ninyoandmoore.com	P.O. #:	NA									composite groups:	
Address:	475 Goddard, Suite 200	Address:	601 S Acacia Ave.									CG34-0.5 CG34-2.5	
	Irvine, CA, 92618		Compton, CA 90220									AOC5-B34-0.5 AOC5-B34-2.5 AOC5-B35-0.5 AOC5-B35-2.5	
Phone:	(949) 753-7070	Global ID:										CG35-0.5 CG35-2.5	
Fax:	(949) 753-7071	Sampled By:	AUC & CX			AOC5-B36-0.5 AOC5-B36-2.5 AOC5-B37-0.5 AOC5-B37-2.5							
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold		
1	AOC5-B32-2.5	3/16/2020	0952	SOIL	1-8oz jar	ICE	C						
2	AOC5-B33-0.5		0930				X	C					
3	AOC5-B33-1.5		0931								X		
4	AOC5-B33-2.5		0932					C					
5	AOC5-B34-0.5		0939				X	C					
6	AOC5-B34-1.5		0940								X		
7	AOC5-B34-2.5		0941					C					
8	AOC5-B35-0.5		0903				X	C					
9	AOC5-B35-1.5		0904								X		
10	AOC5-B35-2.5		0905					C					
Signature		Print Name		Company / Title		Date / Time							
1 Relinquished By:		Audrey Carroll		Ninyo and Moore / Staff		3/16/2020 @ 1246							
1 Received By:		6 Kim		GA		3/16/20 1246							
2 Relinquished By:													
2 Received By:													
3 Relinquished By:													
3 Received By:													



ENTHALPY ANALYTICAL

Chain of Custody Record

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3 Day:

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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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments	
Company:	Ninyo and Moore	Name:	Compton High School			Lead (6010B)	OCps (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold	cc results to: acarroll@ninyoandmoore.com X = discrete analysis C = composite sample Composite groups <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">CG36-0.5</div> <div style="border: 1px solid black; padding: 2px;">CG36-2.5</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">AOC5-B38-0.5</div> <div style="border: 1px solid black; padding: 2px;">AOC5-B38-2.5</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">AOC5-B39-0.5</div> <div style="border: 1px solid black; padding: 2px;">AOC5-B39-2.5</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">AOC5-B40-0.5</div> <div style="border: 1px solid black; padding: 2px;">AOC5-B40-2.5</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">CG37-0.5</div> <div style="border: 1px solid black; padding: 2px;">CG37-2.5</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">AOC5-42-0.5</div> <div style="border: 1px solid black; padding: 2px;">AOC5-42-2.5</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">AOC5-43-0.5</div> <div style="border: 1px solid black; padding: 2px;">AOC5-43-2.5</div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">AOC5-44-0.5</div> <div style="border: 1px solid black; padding: 2px;">AOC5-44-2.5</div> </div>	
Report To:	Patrick Cullip	Number:	210886002										
Email:	pcullip@ninyoandmoore.com	P.O. #:	NA										
Address:	475 Goddard, Suite 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 & CX										
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCps (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold		
1	AOC5-B36-0.5	3/16/2020	0853	SOIL	1-8oz Jar	ICE	X	C					
2	AOC5-B36-1.5		0854								X		
3	AOC5-B36-2.5		0855										
4	AOC5-B37-0.5		1014				X	C					
5	AOC5-B37-1.5		1015								X		
6	AOC5-B37-2.5		1019										
7	AOC5-B38-0.5		0949				X	C					
8	AOC5-B38-1.5		0950								X		
9	AOC5-B38-2.5		0951										
10	AOC5-B39-0.5		1002				X	C					
Relinquished By:		Signature		Print Name		Company / Title		Date / Time					
1				Audrey Carroll		Ninyo and Moore / Staff		3/16/2020 @ 1246					
1				Cullip		EA		3/16/20 1246					
2													
2													
3													
3													



ENTHALPY ANALYTICAL

Chain of Custody Record

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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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request						Test Instructions / Comments	
Company:	Ninyo and Moore	Name:	Compton High School								cc results to: acarroll@ninyoandmoore.com x = discrete analysis c = composite sample
Report To:	Patrick Cullip	Number:	210886002								
Email:	pcullip@ninyoandmoore.com	P.O. #:	NA								
Address:	475 Goddard, Suite 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 & CX								

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCPs (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold
1 AOC5-B39-1.5	3/16/2020	1003	SOIL	1-8oz jar	ICE						<input checked="" type="checkbox"/>
2 AOC5-B39-2.5		1004					C				
3 AOC5-B40-0.5		0940				X	C				
4 AOC5-B40-1.5		0941									<input checked="" type="checkbox"/>
5 AOC5-B40-2.5		0942					C				
6 AOC5-B41-0.5		0945				X					
7 AOC5-B41-1.5		0946									<input checked="" type="checkbox"/>
8 AOC5-B41-2.5		0947									<input checked="" type="checkbox"/>
9 AOC5-B42-0.5		1010					X				
10 AOC5-B42-1.5		1011									<input checked="" type="checkbox"/>

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	Ninyo and Moore / Staff	3/16/2020 @ 1246
¹ Received By:		6 RTH	EA	3/16/20 1246
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				



ENTHALPY ANALYTICAL

Chain of Custody Record

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 = Water DW = Drinking Water SD = Sediment
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 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments		
Company:	Ninyo and Moore	Name:	Compton High School			Lead (6010B)	OCPs (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)			Hold	cc results to: acarroll@ninyoandmoore.com X = discrete analysis C = composite sample
Report To:	Patrick Cullip	Number:	210886002											
Email:	pcullip@ninyoandmoore.com	P.O. #:	NA											
Address:	475 Goddard, Suite 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 & CX											
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.									
1	AOC5-B42-2.5	3/16/2020	1012	SOIL	1-Boz Jar	ICE								composite sample
2	AOC5-B43-0.5	↓	0927				X	C						
3	AOC5-B43-1.5		0928										X	
4	AOC5-B43-2.5		0929					C						
5	AOC5-B44-0.5		0917				X	C						
6	AOC5-B44-1.5		0918										X	
7	AOC5-B44-2.5		0919					C						
8	DUP-76		—				X	C						
9	DUP-77		—				X	C						
10	DUP-78		—				X	C						
			Signature				Print Name				Company / Title			
1 Relinquished By:						Audrey Carnall				Ninyo and Moore / Staff				3/16/2020 C 1246
1 Received By:						G Kim				EA				3/16/20 1246
2 Relinquished By:														
2 Received By:														
3 Relinquished By:														
3 Received By:														



ENTHALPY ANALYTICAL

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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 Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company: Ninyo and Moore
 Report To: Patrick Cullip
 Email: pcullip@ninyoandmoore.com
 Address: 475 Goddard, Suite 200
 Irvine, CA, 92618
 Phone: (949) 753-7070
 Fax: (949) 753-7071

Name: Compton High School
 Number: 210886002
 P.O. #: NA
 Address: 601 S Acacia Ave.
 Compton, CA 90220
 Global ID:
 Sampled By: AUC & CX

Lead (60108)	OCPs (8081A)	Title 22 Metals (60108-7471A)	VOCs (8260B)	TPHs (8015B)	Hold
--------------	--------------	-------------------------------	--------------	--------------	------

cc results to: acarroll@ninyoandmoore.com
X = discrete sample
C = composite sample
Composite Groups
Comp DUP-9
DUP-76, DUP-77
Comp DUP-10
DUP-78, DUP-79, DUP-80

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (60108)	OCPs (8081A)	Title 22 Metals (60108-7471A)	VOCs (8260B)	TPHs (8015B)	Hold
1 DUP-79	3/16/2020	—	SOIL	Multiple 8oz-Jars	ICE	X	C				
2 DUP-40		—				X	C				
3 CG30-0.5		—					X				
4 CG30-2.5		—					X				
5 CG31-0.5		—					X				
6 CG31-2.5		—					X				
7 CG32-0.5		—					X				
8 CG32-2.5		—					X				
9 CG33-0.5		—					X				
10 CG33-2.5		—					X				

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Carroll	Ninyo and Moore / Staff	3/16/2020 C 1246
1 Received By:		E.A.	E.A.	3/18/20 1246
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				



ENTHALPY ANALYTICAL

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 = Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments	
Company:	Ninyo and Moore	Name:	Compton High School			Lead (6010B)	OCs (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold	cc results to: acarroll@ninyoandmoore.com X = discrete analysis C = composite sample Composite Groups: CG30-0.5 CG30-2.5 Accs B26-0.5 Accs B26-2.5 Accs B27-0.5 Accs B27-2.5 CG31-0.5 CG31-2.5 Accs B28-0.5 Accs B28-2.5 Accs B29-0.5 Accs B29-2.5	
Report To:	Patrick Cullip	Number:	210886002										
Email:	pcullip@ninyoandmoore.com	P.O. #:	NA										
Address:	475 Goddard, Suite 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 & CX										
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCs (8081A)	Title 22 Metals (6010B-7471A)	VOCs (8260B)	TPHs (8015B)	Hold		
1	CG34-0.5	3/16/2020	SOIL	MULTIPLE 8oz Jars	ICE	X	X						
2	CG34-2.5					X	X						
3	CG35-0.5					X	X						
4	CG35-2.5					X	X						
5	CG36-0.5					X	X						
6	CG36-2.5					X	X						
7	CG37-0.5					X	X						
8	CG37-2.5					X	X						
9	Comp DUP - 9												
10	Comp DUP - 10												
Signature		Print Name			Company / Title			Date / Time					
1 Relinquished By:		Audrey Carroll			Ninyo and Moore / Staff			3/16/2020 @ 1246					
1 Received By:		GKTH			GA			3/16/20 1246					
2 Relinquished By:													
2 Received By:													
3 Relinquished By:													
3 Received By:													



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Phone 714-771-6900

Matrix: A = Air S = Soil/Solid

Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

W =

Preservatives:

Na₂S₂O₃ 2 = HCl 3 = HNO₃4 = H₂SO₄ 5 = NaOH 6 = Other

1 =

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Company:	Quote #:
Report To:	Proj. Name:
Email:	Proj. #:
Address:	P.O. #:
	Address:
Phone:	Global ID:
Fax:	Sampled By:

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	OCRs (80B1A)
1 EB-03162020A	3/16/2020	1035	SOIL	1-baggie	ICE	X	X
2 EB-03162020B	↓	↓	Water	Various	↓	X	X
3							
4							
5							
6							
7							
8							
9							
10							

AUC 3/16/2020

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Audrey Camill	Ninyo and Moore	3/16/2020 @ 1246
1 Received By:		G.A.	G.A.	3/16/20 1246
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ninyo & Moore Project: Compton High School

Date Received: 3/16/20 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: 10.4 #2: 3.4 #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: -0.7 #2: 0.8 #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) <u>3/16/20</u>	✓	✓	
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

062: COC ID "Dup-40" contains ID "Dup-80".

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: 3/16/20

Ranjit Clarke

From: Patrick J. Cullip <pcullip@ninyoandmoore.com> on behalf of Patrick J. Cullip
Sent: Friday, March 20, 2020 9:32 AM
To: Ranjit Clarke
Cc: Jay Roberts; Audrey Carroll
Subject: RE: Compton High School (03/16/20) - LR 425982 - Partial Report

Flag Status: Flagged

Ranjit,

Please run the following samples for lead on 3-day TAT:

- AOC5-B26-1.5
- AOC5-B30-1.5
- AOC5-B31-1.5
- AOC5-B32-1.5
- AOC5-B34-1.5
- AOC5-B35-1.5
- AOC5-B36-1.5
- AOC5-B37-1.5
- AOC5-B38-1.5
- AOC5-B39-1.5
- AOC5-B40-1.5
- AOC5-B41-1.5
- AOC5-B43-1.5
- AOC5-B44-1.5

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Thursday, March 19, 2020 5:32 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: Compton High School (03/16/20) - LR 425982 - Partial Report
Importance: High

Here are the Lead results Audrey requested on a 3 day TAT.

I also included the water Pesticides results (no surcharge for those results) since they were already approved.

Please be advised that Enthalpy Analytical will be closed on **Friday April 10th**. Sample receiving will re-open on Saturday April 11th from 9AM-12PM to accept samples. Samples with holding time less than 48 hours will only be accepted on Thursday April 9th if they were pre-arranged with the project managers. Please be advised that additional surcharges might apply.

Ranjit Clarke
Senior Project Manager



O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209
Ranjit.Clarke@enthalpy.com

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Ranjit Clarke

From: Patrick J. Cullip <pcullip@ninyoandmoore.com> on behalf of Patrick J. Cullip
Sent: Friday, March 20, 2020 9:32 AM
To: Ranjit Clarke
Cc: Jay Roberts; Audrey Carroll
Subject: RE: Compton High School (03/16/20) - LR 425982 - Partial Report

Flag Status: Flagged

Ranjit,

Please run the following samples for lead on 3-day TAT:

- AOC5-B26-1.5
- AOC5-B30-1.5
- AOC5-B31-1.5
- AOC5-B32-1.5
- AOC5-B34-1.5
- AOC5-B35-1.5
- AOC5-B36-1.5
- AOC5-B37-1.5
- AOC5-B38-1.5
- AOC5-B39-1.5
- AOC5-B40-1.5
- AOC5-B41-1.5
- AOC5-B43-1.5
- AOC5-B44-1.5

Thanks,
Patrick

From: Ranjit Clarke <ranjit.clarke@enthalpy.com>
Sent: Thursday, March 19, 2020 5:32 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>; Audrey Carroll <acarroll@ninyoandmoore.com>
Subject: Compton High School (03/16/20) - LR 425982 - Partial Report
Importance: High

Here are the Lead results Audrey requested on a 3 day TAT.

I also included the water Pesticides results (no surcharge for those results) since they were already approved.

Please be advised that Enthalpy Analytical will be closed on **Friday April 10th**. Sample receiving will re-open on Saturday April 11th from 9AM-12PM to accept samples. Samples with holding time less than 48 hours will only be accepted on Thursday April 9th if they were pre-arranged with the project managers. Please be advised that additional surcharges might apply.

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Senior Project Manager



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Ranjit.Clarke@enthalpy.com

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Ranjit Clarke

From: Patrick J. Cullip <pcullip@ninyoandmoore.com> on behalf of Patrick J. Cullip
Sent: Friday, March 27, 2020 10:32 AM
To: Ranjit.Clarke@enthalpy.com
Cc: Audrey Carroll; Jay Roberts
Subject: RE: Compton High School - 601 S. Acacia Ave., Compton, CA 90220 - Enthalpy (Orange) Data (425982)

Flag Status: Flagged

Ranjit,

Please analyze AOC5-B40-2.5 for lead under 3 day TAT.

Thanks,
Patrick

From: Ranjit K Clarke <Ranjit.Clarke@enthalpy.com>
Sent: Thursday, March 26, 2020 5:51 PM
To: Patrick J. Cullip <pcullip@ninyoandmoore.com>
Subject: Compton High School - 601 S. Acacia Ave., Compton, CA 90220 - Enthalpy (Orange) Data (425982)

Hi Patrick,

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.

Please find attached the following files:

- Invoice
- PDF Deliverable
- Standard format + MDL EDD (425982_standard-mdl.zip)

Email was also sent to: acarroll@ninyoandmoore.com, nmaccountspayable@ninyoandmoore.com

Analysis Results for 425982

Patrick Cullip
 Ninyo & Moore
 475 Goddard
 Suite 200
 Irvine, CA 92618

Lab Job #: 425982
 Location: Compton High School - 601 S. Acacia
 Ave., Compton, CA 90220
 Date Received: 03/16/20

Sample ID: AOC5-B26-0.5 Lab ID: 425982-001 Collected: 03/16/20 09:10
Matrix: Soil

425982-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	210		mg/Kg	0.93	0.79	0.93	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B26-1.5 Lab ID: 425982-002 Collected: 03/16/20 09:11
Matrix: Soil

425982-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	6.7		mg/Kg	0.99	0.83	0.99	243632	03/23/20	03/23/20	SBW

Sample ID: AOC5-B27-0.5 Lab ID: 425982-004 Collected: 03/16/20 09:20
Matrix: Soil

425982-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	71		mg/Kg	0.97	0.82	0.97	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B28-0.5 Lab ID: 425982-007 Collected: 03/16/20 08:41
Matrix: Soil

425982-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	45		mg/Kg	0.98	0.82	0.98	243383	03/17/20	03/18/20	SBW

Analysis Results for 425982

Sample ID: AOC5-B29-0.5 **Lab ID: 425982-010** **Collected: 03/16/20 08:53**
Matrix: Soil

425982-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	8.7		mg/Kg	1.0	0.86	1	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B30-0.5 **Lab ID: 425982-013** **Collected: 03/16/20 10:05**
Matrix: Soil

425982-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	85		mg/Kg	0.98	0.82	0.98	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B30-1.5 **Lab ID: 425982-014** **Collected: 03/16/20 10:06**
Matrix: Soil

425982-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	57		mg/Kg	0.97	0.82	0.97	243632	03/23/20	03/23/20	SBW

Sample ID: AOC5-B31-0.5 **Lab ID: 425982-016** **Collected: 03/16/20 08:42**
Matrix: Soil

425982-016 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	130		mg/Kg	0.96	0.81	0.96	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B31-1.5 **Lab ID: 425982-017** **Collected: 03/16/20 08:43**
Matrix: Soil

425982-017 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	15		mg/Kg	0.95	0.80	0.95	243632	03/23/20	03/23/20	SBW

Analysis Results for 425982

Sample ID: AOC5-B32-0.5	Lab ID: 425982-019	Collected: 03/16/20 09:50
	Matrix: Soil	

425982-019 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	90		mg/Kg	0.92	0.77	0.92	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B32-1.5	Lab ID: 425982-020	Collected: 03/16/20 09:51
	Matrix: Soil	

425982-020 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	28		mg/Kg	0.93	0.79	0.93	243632	03/23/20	03/23/20	SBW

Sample ID: AOC5-B33-0.5	Lab ID: 425982-022	Collected: 03/16/20 09:30
	Matrix: Soil	

425982-022 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	40		mg/Kg	1.0	0.88	1	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B34-0.5	Lab ID: 425982-025	Collected: 03/16/20 09:39
	Matrix: Soil	

425982-025 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	95		mg/Kg	0.93	0.78	0.93	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B34-1.5	Lab ID: 425982-026	Collected: 03/16/20 09:40
	Matrix: Soil	

425982-026 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	8.0		mg/Kg	1.0	0.88	1	243632	03/23/20	03/23/20	SBW

Analysis Results for 425982

Sample ID: AOC5-B37-1.5 **Lab ID: 425982-035** **Collected: 03/16/20 10:15**
Matrix: Soil

425982-035 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	14		mg/Kg	0.99	0.83	0.99	243632	03/23/20	03/23/20	SBW

Sample ID: AOC5-B38-0.5 **Lab ID: 425982-037** **Collected: 03/16/20 09:49**
Matrix: Soil

425982-037 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	600		mg/Kg	1.0	0.86	1	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B38-1.5 **Lab ID: 425982-038** **Collected: 03/16/20 09:50**
Matrix: Soil

425982-038 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	6.0		mg/Kg	0.94	0.79	0.94	243632	03/23/20	03/23/20	SBW

Sample ID: AOC5-B39-0.5 **Lab ID: 425982-040** **Collected: 03/16/20 10:02**
Matrix: Soil

425982-040 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	220		mg/Kg	1.0	0.88	1	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B39-1.5 **Lab ID: 425982-041** **Collected: 03/16/20 10:03**
Matrix: Soil

425982-041 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	50		mg/Kg	0.95	0.80	0.95	243632	03/23/20	03/23/20	SBW

Analysis Results for 425982

Sample ID: AOC5-B40-0.5	Lab ID: 425982-043	Collected: 03/16/20 09:40
	Matrix: Soil	

425982-043 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	120		mg/Kg	1.1	0.91	1.1	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B40-1.5	Lab ID: 425982-044	Collected: 03/16/20 09:41
	Matrix: Soil	

425982-044 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	87		mg/Kg	1.0	0.85	1	243632	03/23/20	03/24/20	SBW

Sample ID: AOC5-B40-2.5	Lab ID: 425982-045	Collected: 03/16/20 09:42
	Matrix: Soil	

425982-045 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	4.4		mg/Kg	0.93	0.79	0.93	243913	03/29/20	03/30/20	SBW

Sample ID: AOC5-B41-0.5	Lab ID: 425982-046	Collected: 03/16/20 09:45
	Matrix: Soil	

425982-046 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	750		mg/Kg	1.1	0.89	1.1	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B41-1.5	Lab ID: 425982-047	Collected: 03/16/20 09:46
	Matrix: Soil	

425982-047 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	36		mg/Kg	0.93	0.79	0.93	243632	03/23/20	03/23/20	SBW

Analysis Results for 425982

Sample ID: AOC5-B43-0.5	Lab ID: 425982-052	Collected: 03/16/20 09:27
	Matrix: Soil	

425982-052 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	250		mg/Kg	0.99	0.83	0.99	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B43-1.5	Lab ID: 425982-053	Collected: 03/16/20 09:28
	Matrix: Soil	

425982-053 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	9.0		mg/Kg	1.0	0.86	1	243632	03/23/20	03/23/20	SBW

Sample ID: AOC5-B44-0.5	Lab ID: 425982-055	Collected: 03/16/20 09:17
	Matrix: Soil	

425982-055 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	140		mg/Kg	1.0	0.84	1	243383	03/17/20	03/18/20	SBW

Sample ID: AOC5-B44-1.5	Lab ID: 425982-056	Collected: 03/16/20 09:18
	Matrix: Soil	

425982-056 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	37		mg/Kg	1.0	0.87	1	243632	03/23/20	03/23/20	SBW

Sample ID: DUP-76	Lab ID: 425982-058	Collected: 03/16/20
	Matrix: Soil	

425982-058 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	28		mg/Kg	0.93	0.78	0.93	243383	03/17/20	03/18/20	SBW

Analysis Results for 425982

Sample ID: DUP-77	Lab ID: 425982-059	Collected: 03/16/20
Matrix: Soil		

425982-059 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	75		mg/Kg	1.0	0.87	1	243384	03/17/20	03/18/20	SBW

Sample ID: DUP-78	Lab ID: 425982-060	Collected: 03/16/20
Matrix: Soil		

425982-060 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	280		mg/Kg	1.0	0.86	1	243384	03/17/20	03/18/20	SBW

Sample ID: DUP-79	Lab ID: 425982-061	Collected: 03/16/20
Matrix: Soil		

425982-061 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	250		mg/Kg	0.98	0.82	0.98	243384	03/17/20	03/18/20	SBW

Sample ID: DUP-80	Lab ID: 425982-062	Collected: 03/16/20
Matrix: Soil		

425982-062 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	100		mg/Kg	0.95	0.80	0.95	243384	03/17/20	03/18/20	SBW

Analysis Results for 425982

Sample ID: CG30-0.5	Lab ID: 425982-063	Collected: 03/16/20
Matrix: Soil		

425982-063 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	25	7.9	5	243405	03/17/20	03/18/20	MTS
beta-BHC	ND		ug/Kg	25	7.4	5	243405	03/17/20	03/18/20	MTS
gamma-BHC	ND		ug/Kg	25	9.9	5	243405	03/17/20	03/18/20	MTS
delta-BHC	ND		ug/Kg	25	5.9	5	243405	03/17/20	03/18/20	MTS
Heptachlor	ND		ug/Kg	25	6.4	5	243405	03/17/20	03/18/20	MTS
Aldrin	ND		ug/Kg	25	7.4	5	243405	03/17/20	03/18/20	MTS
Heptachlor epoxide	ND		ug/Kg	25	11	5	243405	03/17/20	03/18/20	MTS
Endosulfan I	ND		ug/Kg	25	5.9	5	243405	03/17/20	03/18/20	MTS
Dieldrin	ND		ug/Kg	25	10	5	243405	03/17/20	03/18/20	MTS
4,4'-DDE	ND		ug/Kg	25	9.9	5	243405	03/17/20	03/18/20	MTS
Endrin	ND		ug/Kg	25	13	5	243405	03/17/20	03/18/20	MTS
Endosulfan II	ND		ug/Kg	25	14	5	243405	03/17/20	03/18/20	MTS
Endosulfan sulfate	ND		ug/Kg	25	17	5	243405	03/17/20	03/18/20	MTS
4,4'-DDD	ND		ug/Kg	25	10	5	243405	03/17/20	03/18/20	MTS
Endrin aldehyde	ND		ug/Kg	25	10	5	243405	03/17/20	03/18/20	MTS
Endrin ketone	ND		ug/Kg	25	20	5	243405	03/17/20	03/18/20	MTS
4,4'-DDT	ND		ug/Kg	25	9.9	5	243405	03/17/20	03/18/20	MTS
Methoxychlor	ND		ug/Kg	50	46	5	243405	03/17/20	03/18/20	MTS
Toxaphene	ND		ug/Kg	500	270	5	243405	03/17/20	03/18/20	MTS
Chlordane (Technical)	ND		ug/Kg	250	170	5	243405	03/17/20	03/18/20	MTS
Surrogates				Limits						
TCMX	58%		%REC	50-150		5	243405	03/17/20	03/18/20	MTS
Decachlorobiphenyl	66%		%REC	24-120		5	243405	03/17/20	03/18/20	MTS

Analysis Results for 425982

Sample ID: CG30-2.5	Lab ID: 425982-064	Collected: 03/16/20
Matrix: Soil		

425982-064 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	0.99	243405	03/17/20	03/18/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	0.99	243405	03/17/20	03/18/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	0.99	243405	03/17/20	03/18/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	0.99	243405	03/17/20	03/18/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	0.99	243405	03/17/20	03/18/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	0.99	243405	03/17/20	03/18/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	0.99	243405	03/17/20	03/18/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	0.99	243405	03/17/20	03/18/20	MTS
Dieldrin	ND		ug/Kg	5.0	2.1	0.99	243405	03/17/20	03/18/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	0.99	243405	03/17/20	03/18/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	0.99	243405	03/17/20	03/18/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	0.99	243405	03/17/20	03/18/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	0.99	243405	03/17/20	03/18/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	0.99	243405	03/17/20	03/18/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	0.99	243405	03/17/20	03/18/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	0.99	243405	03/17/20	03/18/20	MTS
4,4'-DDT	ND		ug/Kg	5.0	2.0	0.99	243405	03/17/20	03/18/20	MTS
Methoxychlor	ND		ug/Kg	9.9	9.1	0.99	243405	03/17/20	03/18/20	MTS
Toxaphene	ND		ug/Kg	99	53	0.99	243405	03/17/20	03/18/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	0.99	243405	03/17/20	03/18/20	MTS
Surrogates				Limits						
TCMX	63%		%REC	50-150		0.99	243405	03/17/20	03/18/20	MTS
Decachlorobiphenyl	74%		%REC	24-120		0.99	243405	03/17/20	03/18/20	MTS

Analysis Results for 425982

Sample ID: CG31-0.5	Lab ID: 425982-065	Collected: 03/16/20
Matrix: Soil		

425982-065 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	1	243405	03/17/20	03/18/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/18/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/18/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/18/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	1	243405	03/17/20	03/18/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/18/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	1	243405	03/17/20	03/18/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/18/20	MTS
Dieldrin	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/18/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/18/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	1	243405	03/17/20	03/18/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	1	243405	03/17/20	03/18/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	1	243405	03/17/20	03/18/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/18/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/18/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	1	243405	03/17/20	03/18/20	MTS
4,4'-DDT	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/18/20	MTS
Methoxychlor	ND		ug/Kg	10	9.2	1	243405	03/17/20	03/18/20	MTS
Toxaphene	ND		ug/Kg	100	54	1	243405	03/17/20	03/18/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	1	243405	03/17/20	03/18/20	MTS
Surrogates				Limits						
TCMX	36%	*	%REC	50-150		1	243405	03/17/20	03/18/20	MTS
Decachlorobiphenyl	40%		%REC	24-120		1	243405	03/17/20	03/18/20	MTS

Analysis Results for 425982

Sample ID: CG31-2.5	Lab ID: 425982-066	Collected: 03/16/20
Matrix: Soil		

425982-066 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	1	243405	03/17/20	03/18/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/18/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/18/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/18/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	1	243405	03/17/20	03/18/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/18/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	1	243405	03/17/20	03/18/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/18/20	MTS
Dieldrin	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/18/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/18/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	1	243405	03/17/20	03/18/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	1	243405	03/17/20	03/18/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	1	243405	03/17/20	03/18/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/18/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/18/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	1	243405	03/17/20	03/18/20	MTS
4,4'-DDT	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/18/20	MTS
Methoxychlor	ND		ug/Kg	10	9.2	1	243405	03/17/20	03/18/20	MTS
Toxaphene	ND		ug/Kg	100	54	1	243405	03/17/20	03/18/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	1	243405	03/17/20	03/18/20	MTS
Surrogates				Limits						
TCMX	40%	*	%REC	50-150		1	243405	03/17/20	03/18/20	MTS
Decachlorobiphenyl	45%		%REC	24-120		1	243405	03/17/20	03/18/20	MTS

Analysis Results for 425982

Sample ID: CG32-0.5	Lab ID: 425982-067	Collected: 03/16/20
Matrix: Soil		

425982-067 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	25	8.0	5	243405	03/17/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	25	7.5	5	243405	03/17/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	25	10	5	243405	03/17/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	25	6.0	5	243405	03/17/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	25	6.5	5	243405	03/17/20	03/19/20	MTS
Aldrin	ND		ug/Kg	25	7.5	5	243405	03/17/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	25	12	5	243405	03/17/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	25	6.0	5	243405	03/17/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	25	11	5	243405	03/17/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	25	10	5	243405	03/17/20	03/19/20	MTS
Endrin	ND		ug/Kg	25	14	5	243405	03/17/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	25	14	5	243405	03/17/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	25	17	5	243405	03/17/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	25	11	5	243405	03/17/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	25	11	5	243405	03/17/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	25	21	5	243405	03/17/20	03/19/20	MTS
4,4'-DDT	ND		ug/Kg	25	10	5	243405	03/17/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	50	46	5	243405	03/17/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	500	270	5	243405	03/17/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	250	180	5	243405	03/17/20	03/19/20	MTS
Surrogates				Limits						
TCMX	35%	*	%REC	50-150		5	243405	03/17/20	03/19/20	MTS
Decachlorobiphenyl	40%		%REC	24-120		5	243405	03/17/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG32-1.5	Lab ID: 425982-068	Collected: 03/16/20
Matrix: Soil		

425982-068 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	0.99	243405	03/17/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	0.99	243405	03/17/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	0.99	243405	03/17/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	0.99	243405	03/17/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	0.99	243405	03/17/20	03/19/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	0.99	243405	03/17/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	0.99	243405	03/17/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	0.99	243405	03/17/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	5.0	2.1	0.99	243405	03/17/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	0.99	243405	03/17/20	03/19/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	0.99	243405	03/17/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	0.99	243405	03/17/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	0.99	243405	03/17/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	0.99	243405	03/17/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	0.99	243405	03/17/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	0.99	243405	03/17/20	03/19/20	MTS
4,4'-DDT	ND		ug/Kg	5.0	2.0	0.99	243405	03/17/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	9.9	9.1	0.99	243405	03/17/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	99	53	0.99	243405	03/17/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	0.99	243405	03/17/20	03/19/20	MTS
Surrogates				Limits						
TCMX	38%	*	%REC	50-150		0.99	243405	03/17/20	03/19/20	MTS
Decachlorobiphenyl	41%		%REC	24-120		0.99	243405	03/17/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG33-0.5	Lab ID: 425982-069	Collected: 03/16/20
Matrix: Soil		

425982-069 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	1	243405	03/17/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	1	243405	03/17/20	03/19/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	1	243405	03/17/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/19/20	MTS
Dieldrin	3.5	J	ug/Kg	5.0	2.1	1	243405	03/17/20	03/19/20	MTS
4,4'-DDE	6.3	#	ug/Kg	5.0	2.0	1	243405	03/17/20	03/19/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	1	243405	03/17/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	1	243405	03/17/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	1	243405	03/17/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	1	243405	03/17/20	03/19/20	MTS
4,4'-DDT	11		ug/Kg	5.0	2.0	1	243405	03/17/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	10	9.2	1	243405	03/17/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	100	54	1	243405	03/17/20	03/19/20	MTS
Chlordane (Technical)	160		ug/Kg	50	35	1	243405	03/17/20	03/19/20	MTS
Surrogates				Limits						
TCMX	47%	*	%REC	50-150		1	243405	03/17/20	03/19/20	MTS
Decachlorobiphenyl	52%		%REC	24-120		1	243405	03/17/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG33-2.5	Lab ID: 425982-070	Collected: 03/16/20
Matrix: Soil		

425982-070 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	0.99	243405	03/17/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	0.99	243405	03/17/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	0.99	243405	03/17/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	0.99	243405	03/17/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	0.99	243405	03/17/20	03/19/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	0.99	243405	03/17/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	0.99	243405	03/17/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	0.99	243405	03/17/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	5.0	2.1	0.99	243405	03/17/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	0.99	243405	03/17/20	03/19/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	0.99	243405	03/17/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	0.99	243405	03/17/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	0.99	243405	03/17/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	0.99	243405	03/17/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	0.99	243405	03/17/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	0.99	243405	03/17/20	03/19/20	MTS
4,4'-DDT	ND		ug/Kg	5.0	2.0	0.99	243405	03/17/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	9.9	9.1	0.99	243405	03/17/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	99	53	0.99	243405	03/17/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	0.99	243405	03/17/20	03/19/20	MTS
Surrogates				Limits						
TCMX	39%	*	%REC	50-150		0.99	243405	03/17/20	03/19/20	MTS
Decachlorobiphenyl	42%		%REC	24-120		0.99	243405	03/17/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG34-0.5	Lab ID: 425982-071	Collected: 03/16/20
Matrix: Soil		

425982-071 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	1	243405	03/17/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	1	243405	03/17/20	03/19/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	1	243405	03/17/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/19/20	MTS
Dieldrin	25		ug/Kg	5.0	2.1	1	243405	03/17/20	03/19/20	MTS
4,4'-DDE	3.6	#,C,J	ug/Kg	5.0	2.0	1	243405	03/17/20	03/19/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	1	243405	03/17/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	1	243405	03/17/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	1	243405	03/17/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	1	243405	03/17/20	03/19/20	MTS
4,4'-DDT	9.0		ug/Kg	5.0	2.0	1	243405	03/17/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	10	9.2	1	243405	03/17/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	100	54	1	243405	03/17/20	03/19/20	MTS
Chlordane (Technical)	160		ug/Kg	50	35	1	243405	03/17/20	03/19/20	MTS
Surrogates				Limits						
TCMX	28%	*	%REC	50-150		1	243405	03/17/20	03/19/20	MTS
Decachlorobiphenyl	34%		%REC	24-120		1	243405	03/17/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG34-2.5	Lab ID: 425982-072	Collected: 03/16/20
Matrix: Soil		

425982-072 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	1	243405	03/17/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	1	243405	03/17/20	03/19/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	1	243405	03/17/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/19/20	MTS
Dieldrin	3.7	J	ug/Kg	5.0	2.1	1	243405	03/17/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/19/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	1	243405	03/17/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	1	243405	03/17/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	1	243405	03/17/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	1	243405	03/17/20	03/19/20	MTS
4,4'-DDT	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	10	9.2	1	243405	03/17/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	100	54	1	243405	03/17/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	1	243405	03/17/20	03/19/20	MTS
Surrogates				Limits						
TCMX	29%	*	%REC	50-150		1	243405	03/17/20	03/19/20	MTS
Decachlorobiphenyl	31%		%REC	24-120		1	243405	03/17/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG35-0.5	Lab ID: 425982-073	Collected: 03/16/20
Matrix: Soil		

425982-073 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	9.9	3.2	2	243455	03/19/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	9.9	3.0	2	243455	03/19/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	9.9	4.0	2	243455	03/19/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	9.9	2.4	2	243455	03/19/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	9.9	2.6	2	243455	03/19/20	03/19/20	MTS
Aldrin	ND		ug/Kg	9.9	3.0	2	243455	03/19/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	9.9	4.6	2	243455	03/19/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	9.9	2.4	2	243455	03/19/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	9.9	4.2	2	243455	03/19/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	9.9	4.0	2	243455	03/19/20	03/19/20	MTS
Endrin	ND		ug/Kg	9.9	5.3	2	243455	03/19/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	9.9	5.5	2	243455	03/19/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	9.9	6.7	2	243455	03/19/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	9.9	4.2	2	243455	03/19/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	9.9	4.2	2	243455	03/19/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	9.9	8.1	2	243455	03/19/20	03/19/20	MTS
4,4'-DDT	ND		ug/Kg	9.9	4.0	2	243455	03/19/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	20	18	2	243455	03/19/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	200	110	2	243455	03/19/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	99	69	2	243455	03/19/20	03/19/20	MTS
Surrogates				Limits						
TCMX	59%		%REC	50-150		2	243455	03/19/20	03/19/20	MTS
Decachlorobiphenyl	62%		%REC	24-120		2	243455	03/19/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG35-2.5	Lab ID: 425982-074	Collected: 03/16/20
Matrix: Soil		

425982-074 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	1	243657	03/23/20	03/25/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	1	243657	03/23/20	03/25/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	1	243657	03/23/20	03/25/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	1	243657	03/23/20	03/25/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	1	243657	03/23/20	03/25/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	1	243657	03/23/20	03/25/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	1	243657	03/23/20	03/25/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	1	243657	03/23/20	03/25/20	MTS
Dieldrin	ND		ug/Kg	5.0	2.1	1	243657	03/23/20	03/25/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	1	243657	03/23/20	03/25/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	1	243657	03/23/20	03/25/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	1	243657	03/23/20	03/25/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	1	243657	03/23/20	03/25/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	1	243657	03/23/20	03/25/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	1	243657	03/23/20	03/25/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	1	243657	03/23/20	03/25/20	MTS
4,4'-DDT	ND		ug/Kg	5.0	2.0	1	243657	03/23/20	03/25/20	MTS
Methoxychlor	ND		ug/Kg	10	9.2	1	243657	03/23/20	03/25/20	MTS
Toxaphene	ND		ug/Kg	100	54	1	243657	03/23/20	03/25/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	1	243657	03/23/20	03/25/20	MTS
Surrogates				Limits						
TCMX	62%		%REC	50-150		1	243657	03/23/20	03/25/20	MTS
Decachlorobiphenyl	64%		%REC	24-120		1	243657	03/23/20	03/25/20	MTS

Analysis Results for 425982

Sample ID: CG36-0.5	Lab ID: 425982-075	Collected: 03/16/20
Matrix: Soil		

425982-075 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	25	8.0	5	243455	03/19/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	25	7.5	5	243455	03/19/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	25	10	5	243455	03/19/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	25	6.0	5	243455	03/19/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	25	6.5	5	243455	03/19/20	03/19/20	MTS
Aldrin	ND		ug/Kg	25	7.5	5	243455	03/19/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	25	12	5	243455	03/19/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	25	6.0	5	243455	03/19/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	25	11	5	243455	03/19/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	25	10	5	243455	03/19/20	03/19/20	MTS
Endrin	ND		ug/Kg	25	14	5	243455	03/19/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	25	14	5	243455	03/19/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	25	17	5	243455	03/19/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	25	11	5	243455	03/19/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	25	11	5	243455	03/19/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	25	21	5	243455	03/19/20	03/19/20	MTS
4,4'-DDT	15	J	ug/Kg	25	10	5	243455	03/19/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	50	46	5	243455	03/19/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	500	270	5	243455	03/19/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	250	180	5	243455	03/19/20	03/19/20	MTS
Surrogates				Limits						
TCMX	37%	*	%REC	50-150		5	243455	03/19/20	03/19/20	MTS
Decachlorobiphenyl	45%		%REC	24-120		5	243455	03/19/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG36-2.5	Lab ID: 425982-076	Collected: 03/16/20
Matrix: Soil		

425982-076 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	0.99	243455	03/19/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	0.99	243455	03/19/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	0.99	243455	03/19/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	0.99	243455	03/19/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	0.99	243455	03/19/20	03/19/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	0.99	243455	03/19/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	0.99	243455	03/19/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	0.99	243455	03/19/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	5.0	2.1	0.99	243455	03/19/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	0.99	243455	03/19/20	03/19/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	0.99	243455	03/19/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	0.99	243455	03/19/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	0.99	243455	03/19/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	0.99	243455	03/19/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	0.99	243455	03/19/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	0.99	243455	03/19/20	03/19/20	MTS
4,4'-DDT	ND		ug/Kg	5.0	2.0	0.99	243455	03/19/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	9.9	9.1	0.99	243455	03/19/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	99	53	0.99	243455	03/19/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	0.99	243455	03/19/20	03/19/20	MTS
Surrogates				Limits						
TCMX	35%	*	%REC	50-150		0.99	243455	03/19/20	03/19/20	MTS
Decachlorobiphenyl	36%		%REC	24-120		0.99	243455	03/19/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG37-0.5	Lab ID: 425982-077	Collected: 03/16/20
Matrix: Soil		

425982-077 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	9.9	3.2	2	243455	03/18/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	9.9	3.0	2	243455	03/18/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	9.9	4.0	2	243455	03/18/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	9.9	2.4	2	243455	03/18/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	9.9	2.6	2	243455	03/18/20	03/19/20	MTS
Aldrin	ND		ug/Kg	9.9	3.0	2	243455	03/18/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	9.9	4.6	2	243455	03/18/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	9.9	2.4	2	243455	03/18/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	9.9	4.2	2	243455	03/18/20	03/19/20	MTS
4,4'-DDE	16		ug/Kg	9.9	4.0	2	243455	03/18/20	03/19/20	MTS
Endrin	ND		ug/Kg	9.9	5.3	2	243455	03/18/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	9.9	5.5	2	243455	03/18/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	9.9	6.7	2	243455	03/18/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	9.9	4.2	2	243455	03/18/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	9.9	4.2	2	243455	03/18/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	9.9	8.1	2	243455	03/18/20	03/19/20	MTS
4,4'-DDT	16		ug/Kg	9.9	4.0	2	243455	03/18/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	20	18	2	243455	03/18/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	200	110	2	243455	03/18/20	03/19/20	MTS
Chlordane (Technical)	79	J	ug/Kg	99	69	2	243455	03/18/20	03/19/20	MTS
Surrogates				Limits						
TCMX	44%	*	%REC	50-150		2	243455	03/18/20	03/19/20	MTS
Decachlorobiphenyl	49%		%REC	24-120		2	243455	03/18/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: CG37-2.5	Lab ID: 425982-078	Collected: 03/16/20
Matrix: Soil		

425982-078 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	1	243455	03/19/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	1	243455	03/19/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	1	243455	03/19/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	1	243455	03/19/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	1	243455	03/19/20	03/19/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	1	243455	03/19/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	1	243455	03/19/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	1	243455	03/19/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	5.0	2.1	1	243455	03/19/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	1	243455	03/19/20	03/19/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	1	243455	03/19/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	1	243455	03/19/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	1	243455	03/19/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	1	243455	03/19/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	1	243455	03/19/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	1	243455	03/19/20	03/19/20	MTS
4,4'-DDT	ND		ug/Kg	5.0	2.0	1	243455	03/19/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	10	9.2	1	243455	03/19/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	100	54	1	243455	03/19/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	1	243455	03/19/20	03/19/20	MTS
Surrogates				Limits						
TCMX	30%	*	%REC	50-150		1	243455	03/19/20	03/19/20	MTS
Decachlorobiphenyl	41%		%REC	24-120		1	243455	03/19/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: COMP DUP-9	Lab ID: 425982-079	Collected: 03/16/20
Matrix: Soil		

425982-079 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	9.8	3.1	2	243455	03/19/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	9.8	2.9	2	243455	03/19/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	9.8	3.9	2	243455	03/19/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	9.8	2.4	2	243455	03/19/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	9.8	2.5	2	243455	03/19/20	03/19/20	MTS
Aldrin	ND		ug/Kg	9.8	2.9	2	243455	03/19/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	9.8	4.5	2	243455	03/19/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	9.8	2.4	2	243455	03/19/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	9.8	4.1	2	243455	03/19/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	9.8	3.9	2	243455	03/19/20	03/19/20	MTS
Endrin	ND		ug/Kg	9.8	5.3	2	243455	03/19/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	9.8	5.5	2	243455	03/19/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	9.8	6.7	2	243455	03/19/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	9.8	4.1	2	243455	03/19/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	9.8	4.1	2	243455	03/19/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	9.8	8.0	2	243455	03/19/20	03/19/20	MTS
4,4'-DDT	ND		ug/Kg	9.8	3.9	2	243455	03/19/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	20	18	2	243455	03/19/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	200	110	2	243455	03/19/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	98	69	2	243455	03/19/20	03/19/20	MTS
Surrogates				Limits						
TCMX	23%	*	%REC	50-150		2	243455	03/19/20	03/19/20	MTS
Decachlorobiphenyl	27%		%REC	24-120		2	243455	03/19/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: COMP DUP-10	Lab ID: 425982-080	Collected: 03/16/20
Matrix: Soil		

425982-080 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	9.9	3.2	2	243455	03/19/20	03/19/20	MTS
beta-BHC	ND		ug/Kg	9.9	3.0	2	243455	03/19/20	03/19/20	MTS
gamma-BHC	ND		ug/Kg	9.9	4.0	2	243455	03/19/20	03/19/20	MTS
delta-BHC	ND		ug/Kg	9.9	2.4	2	243455	03/19/20	03/19/20	MTS
Heptachlor	ND		ug/Kg	9.9	2.6	2	243455	03/19/20	03/19/20	MTS
Aldrin	ND		ug/Kg	9.9	3.0	2	243455	03/19/20	03/19/20	MTS
Heptachlor epoxide	ND		ug/Kg	9.9	4.6	2	243455	03/19/20	03/19/20	MTS
Endosulfan I	ND		ug/Kg	9.9	2.4	2	243455	03/19/20	03/19/20	MTS
Dieldrin	ND		ug/Kg	9.9	4.2	2	243455	03/19/20	03/19/20	MTS
4,4'-DDE	ND		ug/Kg	9.9	4.0	2	243455	03/19/20	03/19/20	MTS
Endrin	ND		ug/Kg	9.9	5.3	2	243455	03/19/20	03/19/20	MTS
Endosulfan II	ND		ug/Kg	9.9	5.5	2	243455	03/19/20	03/19/20	MTS
Endosulfan sulfate	ND		ug/Kg	9.9	6.7	2	243455	03/19/20	03/19/20	MTS
4,4'-DDD	ND		ug/Kg	9.9	4.2	2	243455	03/19/20	03/19/20	MTS
Endrin aldehyde	ND		ug/Kg	9.9	4.2	2	243455	03/19/20	03/19/20	MTS
Endrin ketone	ND		ug/Kg	9.9	8.1	2	243455	03/19/20	03/19/20	MTS
4,4'-DDT	6.4	J	ug/Kg	9.9	4.0	2	243455	03/19/20	03/19/20	MTS
Methoxychlor	ND		ug/Kg	20	18	2	243455	03/19/20	03/19/20	MTS
Toxaphene	ND		ug/Kg	200	110	2	243455	03/19/20	03/19/20	MTS
Chlordane (Technical)	ND		ug/Kg	99	69	2	243455	03/19/20	03/19/20	MTS
Surrogates				Limits						
TCMX	18%	*	%REC	50-150		2	243455	03/19/20	03/19/20	MTS
Decachlorobiphenyl	24%		%REC	24-120		2	243455	03/19/20	03/19/20	MTS

Analysis Results for 425982

Sample ID: EB-03162020A	Lab ID: 425982-081	Collected: 03/16/20 10:35
Matrix: Water		

425982-081 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3010A										
Lead	ND		mg/L	0.010	0.0070	1	243361	03/17/20	03/18/20	SBW
Method: EPA 8081A										
Prep Method: EPA 3510C										
alpha-BHC	ND		ug/L	0.1	0.002	0.95	243397	03/17/20	03/18/20	MTS
beta-BHC	ND		ug/L	0.1	0.003	0.95	243397	03/17/20	03/18/20	MTS
gamma-BHC	ND		ug/L	0.1	0.002	0.95	243397	03/17/20	03/18/20	MTS
delta-BHC	ND		ug/L	0.1	0.006	0.95	243397	03/17/20	03/18/20	MTS
Heptachlor	ND		ug/L	0.1	0.003	0.95	243397	03/17/20	03/18/20	MTS
Aldrin	ND		ug/L	0.1	0.007	0.95	243397	03/17/20	03/18/20	MTS
Heptachlor epoxide	ND		ug/L	0.1	0.002	0.95	243397	03/17/20	03/18/20	MTS
Endosulfan I	ND		ug/L	0.1	0.004	0.95	243397	03/17/20	03/18/20	MTS
Dieldrin	ND		ug/L	0.1	0.006	0.95	243397	03/17/20	03/18/20	MTS
4,4'-DDE	ND		ug/L	0.1	0.006	0.95	243397	03/17/20	03/18/20	MTS
Endrin	ND		ug/L	0.1	0.008	0.95	243397	03/17/20	03/18/20	MTS
Endosulfan II	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
Endosulfan sulfate	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
4,4'-DDD	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
Endrin aldehyde	ND		ug/L	0.1	0.009	0.95	243397	03/17/20	03/18/20	MTS
Endrin ketone	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
4,4'-DDT	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
Methoxychlor	ND		ug/L	0.1	0.05	0.95	243397	03/17/20	03/18/20	MTS
Toxaphene	ND		ug/L	1.9	0.5	0.95	243397	03/17/20	03/18/20	MTS
Chlordane (Technical)	ND		ug/L	1.0	0.3	0.95	243397	03/17/20	03/18/20	MTS
Surrogates	Limits									
TCMX	43%	*	%REC	50-150		0.95	243397	03/17/20	03/18/20	MTS
Decachlorobiphenyl	70%		%REC	50-150		0.95	243397	03/17/20	03/18/20	MTS

Analysis Results for 425982

Sample ID: EB-03162020B	Lab ID: 425982-082	Collected: 03/16/20 10:35
Matrix: Water		

425982-082 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3010A										
Lead	ND		mg/L	0.010	0.0070	1	243361	03/17/20	03/18/20	SBW
Method: EPA 8081A										
Prep Method: EPA 3510C										
alpha-BHC	ND		ug/L	0.1	0.002	0.95	243397	03/17/20	03/18/20	MTS
beta-BHC	ND		ug/L	0.1	0.003	0.95	243397	03/17/20	03/18/20	MTS
gamma-BHC	ND		ug/L	0.1	0.002	0.95	243397	03/17/20	03/18/20	MTS
delta-BHC	ND		ug/L	0.1	0.006	0.95	243397	03/17/20	03/18/20	MTS
Heptachlor	ND		ug/L	0.1	0.003	0.95	243397	03/17/20	03/18/20	MTS
Aldrin	ND		ug/L	0.1	0.007	0.95	243397	03/17/20	03/18/20	MTS
Heptachlor epoxide	ND		ug/L	0.1	0.002	0.95	243397	03/17/20	03/18/20	MTS
Endosulfan I	ND		ug/L	0.1	0.004	0.95	243397	03/17/20	03/18/20	MTS
Dieldrin	ND		ug/L	0.1	0.006	0.95	243397	03/17/20	03/18/20	MTS
4,4'-DDE	ND		ug/L	0.1	0.006	0.95	243397	03/17/20	03/18/20	MTS
Endrin	ND		ug/L	0.1	0.008	0.95	243397	03/17/20	03/18/20	MTS
Endosulfan II	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
Endosulfan sulfate	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
4,4'-DDD	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
Endrin aldehyde	ND		ug/L	0.1	0.009	0.95	243397	03/17/20	03/18/20	MTS
Endrin ketone	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
4,4'-DDT	ND		ug/L	0.1	0.01	0.95	243397	03/17/20	03/18/20	MTS
Methoxychlor	ND		ug/L	0.1	0.05	0.95	243397	03/17/20	03/18/20	MTS
Toxaphene	ND		ug/L	1.9	0.5	0.95	243397	03/17/20	03/18/20	MTS
Chlordane (Technical)	ND		ug/L	1.0	0.3	0.95	243397	03/17/20	03/18/20	MTS
Surrogates				Limits						
TCMX	44%	*	%REC	50-150		0.95	243397	03/17/20	03/18/20	MTS
Decachlorobiphenyl	51%		%REC	50-150		0.95	243397	03/17/20	03/18/20	MTS

CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

C Presence confirmed, but RPD between columns exceeds 40%

J Estimated value

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC862696	Batch: 243455
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC862696 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	1.6	03/19/20	03/19/20
beta-BHC	ND		ug/Kg	5.0	1.5	03/19/20	03/19/20
gamma-BHC	ND		ug/Kg	5.0	2.0	03/19/20	03/19/20
delta-BHC	ND		ug/Kg	5.0	1.2	03/19/20	03/19/20
Heptachlor	ND		ug/Kg	5.0	1.3	03/19/20	03/19/20
Aldrin	ND		ug/Kg	5.0	1.5	03/19/20	03/19/20
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	03/19/20	03/19/20
Endosulfan I	ND		ug/Kg	5.0	1.2	03/19/20	03/19/20
Dieldrin	ND		ug/Kg	5.0	2.1	03/19/20	03/19/20
4,4'-DDE	ND		ug/Kg	5.0	2.0	03/19/20	03/19/20
Endrin	ND		ug/Kg	5.0	2.7	03/19/20	03/19/20
Endosulfan II	ND		ug/Kg	5.0	2.8	03/19/20	03/19/20
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	03/19/20	03/19/20
4,4'-DDD	ND		ug/Kg	5.0	2.1	03/19/20	03/19/20
Endrin aldehyde	ND		ug/Kg	5.0	2.1	03/19/20	03/19/20
Endrin ketone	ND		ug/Kg	5.0	4.1	03/19/20	03/19/20
4,4'-DDT	ND		ug/Kg	5.0	2.0	03/19/20	03/19/20
Methoxychlor	ND		ug/Kg	10	9.2	03/19/20	03/19/20
Toxaphene	ND		ug/Kg	100	54	03/19/20	03/19/20
Chlordane (Technical)	ND		ug/Kg	50	35	03/19/20	03/19/20
Surrogates				Limits			
TCMX	69%		%REC	50-150		03/19/20	03/19/20
Decachlorobiphenyl	72%		%REC	24-120		03/19/20	03/19/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862697	Batch: 243455
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC862697 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	43.17	50.00	ug/Kg	86%		45-150
beta-BHC	46.65	50.00	ug/Kg	93%		42-156
gamma-BHC	43.31	50.00	ug/Kg	87%		47-151
delta-BHC	44.64	50.00	ug/Kg	89%		37-161
Heptachlor	42.57	50.00	ug/Kg	85%		50-144
Aldrin	36.07	50.00	ug/Kg	72%		46-142
Heptachlor epoxide	40.40	50.00	ug/Kg	81%		48-145
Endosulfan I	43.02	50.00	ug/Kg	86%		47-141
Dieldrin	40.32	50.00	ug/Kg	81%		47-151
4,4'-DDE	39.10	50.00	ug/Kg	78%		44-163
Endrin	39.95	50.00	ug/Kg	80%		47-160
Endosulfan II	39.17	50.00	ug/Kg	78%		44-156
Endosulfan sulfate	37.44	50.00	ug/Kg	75%		43-157
4,4'-DDD	36.46	50.00	ug/Kg	73%		43-172
Endrin aldehyde	27.36	50.00	ug/Kg	55%		32-127
Endrin ketone	37.89	50.00	ug/Kg	76%		48-159
4,4'-DDT	37.75	50.00	ug/Kg	75%		40-158
Methoxychlor	40.10	50.00	ug/Kg	80%		36-182
Surrogates						
TCMX	32.13	50.00	ug/Kg	64%		50-150
Decachlorobiphenyl	32.34	50.00	ug/Kg	65%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC862698	Batch: 243455
Matrix (Source ID): Soil (425982-073)	Method: EPA 8081A	Prep Method: EPA 3546

QC862698 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	39.50	0	50.00	ug/Kg	79%		45-150	2
beta-BHC	46.74	0	50.00	ug/Kg	93%		42-156	2
gamma-BHC	40.93	0	50.00	ug/Kg	82%		47-151	2
delta-BHC	42.16	0	50.00	ug/Kg	84%		37-161	2
Heptachlor	40.64	0	50.00	ug/Kg	81%		50-144	2
Aldrin	36.50	0	50.00	ug/Kg	73%		46-142	2
Heptachlor epoxide	39.74	0	50.00	ug/Kg	79%		48-145	2
Endosulfan I	42.05	0	50.00	ug/Kg	84%		47-141	2
Dieldrin	39.91	0	50.00	ug/Kg	80%		47-151	2
4,4'-DDE	39.09	0	50.00	ug/Kg	78%		44-163	2
Endrin	41.48	0	50.00	ug/Kg	83%		47-160	2
Endosulfan II	40.12	0	50.00	ug/Kg	80%		44-156	2
Endosulfan sulfate	40.85	0	50.00	ug/Kg	82%		43-157	2
4,4'-DDD	41.51	0	50.00	ug/Kg	83%		43-172	2
Endrin aldehyde	33.17	0	50.00	ug/Kg	66%		32-127	2
Endrin ketone	43.67	0	50.00	ug/Kg	87%		48-159	2
4,4'-DDT	48.21	0	50.00	ug/Kg	96%		40-158	2
Methoxychlor	56.80	0	50.00	ug/Kg	114%		36-182	2
Surrogates								
TCMX	29.88		50.00	ug/Kg	60%		50-150	2
Decachlorobiphenyl	39.63		50.00	ug/Kg	79%		24-120	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC862699	Batch: 243455
Matrix (Source ID): Soil (425982-073)	Method: EPA 8081A	Prep Method: EPA 3546

QC862699 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result						RPD	Lim	
alpha-BHC	41.84	0	50.00	ug/Kg	84%		45-150	6	20	2
beta-BHC	49.41	0	50.00	ug/Kg	99%		42-156	6	20	2
gamma-BHC	42.73	0	50.00	ug/Kg	85%		47-151	4	20	2
delta-BHC	43.40	0	50.00	ug/Kg	87%		37-161	3	20	2
Heptachlor	42.42	0	50.00	ug/Kg	85%		50-144	4	20	2
Aldrin	37.80	0	50.00	ug/Kg	76%		46-142	3	20	2
Heptachlor epoxide	40.22	0	50.00	ug/Kg	80%		48-145	1	20	2
Endosulfan I	42.41	0	50.00	ug/Kg	85%		47-141	1	20	2
Dieldrin	40.35	0	50.00	ug/Kg	81%		47-151	1	20	2
4,4'-DDE	39.97	0	50.00	ug/Kg	80%		44-163	2	20	2
Endrin	38.94	0	50.00	ug/Kg	78%		47-160	6	20	2
Endosulfan II	37.21	0	50.00	ug/Kg	74%		44-156	8	20	2
Endosulfan sulfate	36.06	0	50.00	ug/Kg	72%		43-157	12	20	2
4,4'-DDD	40.30	0	50.00	ug/Kg	81%		43-172	3	20	2
Endrin aldehyde	30.70	0	50.00	ug/Kg	61%		32-127	8	20	2
Endrin ketone	36.48	0	50.00	ug/Kg	73%		48-159	18	20	2
4,4'-DDT	45.18	0	50.00	ug/Kg	90%		40-158	6	20	2
Methoxychlor	54.26	0	50.00	ug/Kg	109%		36-182	5	20	2
Surrogates										
TCMX	29.52		50.00	ug/Kg	59%		50-150			2
Decachlorobiphenyl	33.72		50.00	ug/Kg	67%		24-120			2

Type: Blank	Lab ID: QC862514	Batch: 243384
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC862514 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	0.84	03/17/20	03/18/20

Type: Lab Control Sample	Lab ID: QC862515	Batch: 243384
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC862515 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	104.5	100.0	mg/Kg	105%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC862516	Batch: 243384
Matrix (Source ID): Soil (425993-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC862516 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	278.6	71.95	96.15	mg/Kg	215%	*	75-125	0.96

Type: Matrix Spike Duplicate	Lab ID: QC862517	Batch: 243384
Matrix (Source ID): Soil (425993-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC862517 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	179.7	71.95	97.09	mg/Kg	111%		75-125	44*	20	0.97

Type: Blank	Lab ID: QC862510	Batch: 243383
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC862510 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	0.84	03/17/20	03/18/20

Type: Lab Control Sample	Lab ID: QC862511	Batch: 243383
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC862511 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	96.20	100.0	mg/Kg	96%		80-120

Type: Matrix Spike	Lab ID: QC862512	Batch: 243383
Matrix (Source ID): Soil (425982-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC862512 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	343.9	205.4	93.46	mg/Kg	148%	*	75-125	0.93

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC862513	Batch: 243383
Matrix (Source ID): Soil (425982-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC862513 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	336.4	205.4	94.34	mg/Kg	139%	*	75-125	3	20	0.94

Type: Blank	Lab ID: QC862459	Batch: 243361
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3010A

QC862459 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Lead	ND		mg/L	0.010	0.0070	03/17/20	03/19/20

Type: Lab Control Sample	Lab ID: QC862460	Batch: 243361
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3010A

QC862460 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	2.069	2.000	mg/L	103%		80-120

Type: Matrix Spike	Lab ID: QC862461	Batch: 243361
Matrix (Source ID): Water (425982-081)	Method: EPA 6010B	Prep Method: EPA 3010A

QC862461 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	1.050	0	1.000	mg/L	105%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC862462	Batch: 243361
Matrix (Source ID): Water (425982-081)	Method: EPA 6010B	Prep Method: EPA 3010A

QC862462 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	1.089	0	1.000	mg/L	109%		75-125	4	20	1

Batch QC

Type: Blank	Lab ID: QC863101	Batch: 243632
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC863101 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	0.84	03/23/20	03/23/20

Type: Lab Control Sample	Lab ID: QC863102	Batch: 243632
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC863102 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	107.9	100.0	mg/Kg	108%		80-120

Type: Matrix Spike	Lab ID: QC863103	Batch: 243632
Matrix (Source ID): Soil (425982-002)	Method: EPA 6010B	Prep Method: EPA 3050B

QC863103 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	106.7	6.733	99.01	mg/Kg	101%		75-125	0.99

Type: Matrix Spike Duplicate	Lab ID: QC863104	Batch: 243632
Matrix (Source ID): Soil (425982-002)	Method: EPA 6010B	Prep Method: EPA 3050B

QC863104 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	110.1	6.733	100.0	mg/Kg	103%		75-125	2	20	1

Batch QC

Type: Blank	Lab ID: QC863169	Batch: 243657
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC863169 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	4.9	1.6	03/23/20	03/25/20
beta-BHC	ND		ug/Kg	4.9	1.5	03/23/20	03/25/20
gamma-BHC	ND		ug/Kg	4.9	2.0	03/23/20	03/25/20
delta-BHC	ND		ug/Kg	4.9	1.2	03/23/20	03/25/20
Heptachlor	ND		ug/Kg	4.9	1.3	03/23/20	03/25/20
Aldrin	ND		ug/Kg	4.9	1.5	03/23/20	03/25/20
Heptachlor epoxide	ND		ug/Kg	4.9	2.3	03/23/20	03/25/20
Endosulfan I	ND		ug/Kg	4.9	1.2	03/23/20	03/25/20
Dieldrin	ND		ug/Kg	4.9	2.1	03/23/20	03/25/20
4,4'-DDE	ND		ug/Kg	4.9	2.0	03/23/20	03/25/20
Endrin	ND		ug/Kg	4.9	2.6	03/23/20	03/25/20
Endosulfan II	ND		ug/Kg	4.9	2.7	03/23/20	03/25/20
Endosulfan sulfate	ND		ug/Kg	4.9	3.3	03/23/20	03/25/20
4,4'-DDD	ND		ug/Kg	4.9	2.1	03/23/20	03/25/20
Endrin aldehyde	ND		ug/Kg	4.9	2.1	03/23/20	03/25/20
Endrin ketone	ND		ug/Kg	4.9	4.0	03/23/20	03/25/20
4,4'-DDT	ND		ug/Kg	4.9	2.0	03/23/20	03/25/20
Methoxychlor	ND		ug/Kg	9.8	9.0	03/23/20	03/25/20
Toxaphene	ND		ug/Kg	98	53	03/23/20	03/25/20
Chlordane (Technical)	ND		ug/Kg	49	34	03/23/20	03/25/20
Surrogates				Limits			
TCMX	65%		%REC	50-150		03/23/20	03/25/20
Decachlorobiphenyl	72%		%REC	24-120		03/23/20	03/25/20

Batch QC

Type: Lab Control Sample	Lab ID: QC863170	Batch: 243657
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC863170 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	45.07	49.50	ug/Kg	91%		45-150
beta-BHC	54.81	49.50	ug/Kg	111%		42-156
gamma-BHC	46.76	49.50	ug/Kg	94%		47-151
delta-BHC	52.26	49.50	ug/Kg	106%		37-161
Heptachlor	51.56	49.50	ug/Kg	104%		50-144
Aldrin	46.55	49.50	ug/Kg	94%		46-142
Heptachlor epoxide	53.05	49.50	ug/Kg	107%		48-145
Endosulfan I	57.53	49.50	ug/Kg	116%		47-141
Dieldrin	54.41	49.50	ug/Kg	110%		47-151
4,4'-DDE	53.30	49.50	ug/Kg	108%		44-163
Endrin	52.29	49.50	ug/Kg	106%		47-160
Endosulfan II	53.22	49.50	ug/Kg	108%		44-156
Endosulfan sulfate	49.36	49.50	ug/Kg	100%		43-157
4,4'-DDD	51.08	49.50	ug/Kg	103%		43-172
Endrin aldehyde	35.48	49.50	ug/Kg	72%		32-127
Endrin ketone	51.99	49.50	ug/Kg	105%		48-159
4,4'-DDT	49.84	49.50	ug/Kg	101%	#	40-158
Methoxychlor	50.91	49.50	ug/Kg	103%	#	36-182
Surrogates						
TCMX	31.27	49.50	ug/Kg	63%		50-150
Decachlorobiphenyl	39.21	49.50	ug/Kg	79%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC863171	Batch: 243657
Matrix (Source ID): Soil (426259-002)	Method: EPA 8081A	Prep Method: EPA 3546

QC863171 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	35.02	0	49.02	ug/Kg	71%		45-150	0.98
beta-BHC	41.82	0	49.02	ug/Kg	85%		42-156	0.98
gamma-BHC	36.01	0	49.02	ug/Kg	73%		47-151	0.98
delta-BHC	38.57	0	49.02	ug/Kg	79%		37-161	0.98
Heptachlor	34.45	0	49.02	ug/Kg	70%		50-144	0.98
Aldrin	31.14	0	49.02	ug/Kg	64%		46-142	0.98
Heptachlor epoxide	33.77	0	49.02	ug/Kg	69%		48-145	0.98
Endosulfan I	41.14	0	49.02	ug/Kg	84%		47-141	0.98
Dieldrin	38.66	0	49.02	ug/Kg	79%		47-151	0.98
4,4'-DDE	37.15	0	49.02	ug/Kg	76%		44-163	0.98
Endrin	36.48	0	49.02	ug/Kg	74%		47-160	0.98
Endosulfan II	38.08	0	49.02	ug/Kg	78%		44-156	0.98
Endosulfan sulfate	35.20	0	49.02	ug/Kg	72%		43-157	0.98
4,4'-DDD	36.37	0	49.02	ug/Kg	74%		43-172	0.98
Endrin aldehyde	26.09	0	49.02	ug/Kg	53%		32-127	0.98
Endrin ketone	35.19	0	49.02	ug/Kg	72%		48-159	0.98
4,4'-DDT	34.13	0	49.02	ug/Kg	70%	#	40-158	0.98
Methoxychlor	34.99	0	49.02	ug/Kg	71%	#	36-182	0.98
Surrogates								
TCMX	25.29		49.02	ug/Kg	52%		50-150	0.98
Decachlorobiphenyl	26.84		49.02	ug/Kg	55%		24-120	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC863179	Batch: 243657
Matrix (Source ID): Soil (426259-002)	Method: EPA 8081A	Prep Method: EPA 3546

QC863179 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result						RPD	Lim	
alpha-BHC	45.37	0	50.00	ug/Kg	91%		45-150	24*	20	1
beta-BHC	49.82	0	50.00	ug/Kg	100%		42-156	15	20	1
gamma-BHC	46.54	0	50.00	ug/Kg	93%		47-151	24*	20	1
delta-BHC	47.97	0	50.00	ug/Kg	96%		37-161	20	20	1
Heptachlor	44.06	0	50.00	ug/Kg	88%		50-144	23*	20	1
Aldrin	40.14	0	50.00	ug/Kg	80%		46-142	23*	20	1
Heptachlor epoxide	42.78	0	50.00	ug/Kg	86%		48-145	22*	20	1
Endosulfan I	45.84	0	50.00	ug/Kg	92%		47-141	9	20	1
Dieldrin	42.60	0	50.00	ug/Kg	85%		47-151	8	20	1
4,4'-DDE	41.28	0	50.00	ug/Kg	83%		44-163	9	20	1
Endrin	42.86	0	50.00	ug/Kg	86%		47-160	14	20	1
Endosulfan II	42.56	0	50.00	ug/Kg	85%		44-156	9	20	1
Endosulfan sulfate	42.78	0	50.00	ug/Kg	86%		43-157	17	20	1
4,4'-DDD	40.94	0	50.00	ug/Kg	82%		43-172	10	20	1
Endrin aldehyde	31.28	0	50.00	ug/Kg	63%		32-127	16	20	1
Endrin ketone	45.05	0	50.00	ug/Kg	90%		48-159	23*	20	1
4,4'-DDT	42.01	0	50.00	ug/Kg	84%	#	40-158	19	20	1
Methoxychlor	45.79	0	50.00	ug/Kg	92%	#	36-182	25*	20	1
Surrogates										
TCMX	31.76		50.00	ug/Kg	64%		50-150			1
Decachlorobiphenyl	32.23		50.00	ug/Kg	64%		24-120			1

Type: Blank	Lab ID: QC863808	Batch: 243913
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC863808 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	0.84	03/29/20	03/30/20

Type: Lab Control Sample	Lab ID: QC863809	Batch: 243913
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC863809 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	103.4	100.0	mg/Kg	103%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC863810	Batch: 243913
Matrix (Source ID): Soil (425982-045)	Method: EPA 6010B	Prep Method: EPA 3050B

QC863810 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	98.47	4.421	105.3	mg/Kg	89%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC863811	Batch: 243913
Matrix (Source ID): Soil (425982-045)	Method: EPA 6010B	Prep Method: EPA 3050B

QC863811 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	95.26	4.421	101.0	mg/Kg	90%		75-125	1	20	1

Batch QC

Type: Blank	Lab ID: QC862566	Batch: 243405
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC862566 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	1.6	03/17/20	03/19/20
beta-BHC	ND		ug/Kg	5.0	1.5	03/17/20	03/19/20
gamma-BHC	ND		ug/Kg	5.0	2.0	03/17/20	03/19/20
delta-BHC	ND		ug/Kg	5.0	1.2	03/17/20	03/19/20
Heptachlor	ND		ug/Kg	5.0	1.3	03/17/20	03/19/20
Aldrin	ND		ug/Kg	5.0	1.5	03/17/20	03/19/20
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	03/17/20	03/19/20
Endosulfan I	ND		ug/Kg	5.0	1.2	03/17/20	03/19/20
Dieldrin	ND		ug/Kg	5.0	2.1	03/17/20	03/19/20
4,4'-DDE	ND		ug/Kg	5.0	2.0	03/17/20	03/19/20
Endrin	ND		ug/Kg	5.0	2.7	03/17/20	03/19/20
Endosulfan II	ND		ug/Kg	5.0	2.8	03/17/20	03/19/20
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	03/17/20	03/19/20
4,4'-DDD	ND		ug/Kg	5.0	2.1	03/17/20	03/19/20
Endrin aldehyde	ND		ug/Kg	5.0	2.1	03/17/20	03/19/20
Endrin ketone	ND		ug/Kg	5.0	4.1	03/17/20	03/19/20
4,4'-DDT	ND		ug/Kg	5.0	2.0	03/17/20	03/19/20
Methoxychlor	ND		ug/Kg	10	9.2	03/17/20	03/19/20
Toxaphene	ND		ug/Kg	100	54	03/17/20	03/19/20
Chlordane (Technical)	ND		ug/Kg	50	35	03/17/20	03/19/20
Surrogates				Limits			
TCMX	39%	*	%REC	50-150		03/17/20	03/19/20
Decachlorobiphenyl	45%		%REC	24-120		03/17/20	03/19/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862567	Batch: 243405
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC862567 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	36.58	49.02	ug/Kg	75%		45-150
beta-BHC	40.40	49.02	ug/Kg	82%		42-156
gamma-BHC	36.83	49.02	ug/Kg	75%		47-151
delta-BHC	37.56	49.02	ug/Kg	77%		37-161
Heptachlor	36.89	49.02	ug/Kg	75%		50-144
Aldrin	29.34	49.02	ug/Kg	60%		46-142
Heptachlor epoxide	36.36	49.02	ug/Kg	74%		48-145
Endosulfan I	38.85	49.02	ug/Kg	79%		47-141
Dieldrin	35.99	49.02	ug/Kg	73%		47-151
4,4'-DDE	34.96	49.02	ug/Kg	71%		44-163
Endrin	36.79	49.02	ug/Kg	75%		47-160
Endosulfan II	35.19	49.02	ug/Kg	72%		44-156
Endosulfan sulfate	34.08	49.02	ug/Kg	70%		43-157
4,4'-DDD	32.56	49.02	ug/Kg	66%		43-172
Endrin aldehyde	22.14	49.02	ug/Kg	45%		32-127
Endrin ketone	35.60	49.02	ug/Kg	73%		48-159
4,4'-DDT	34.13	49.02	ug/Kg	70%		40-158
Methoxychlor	36.78	49.02	ug/Kg	75%		36-182
Surrogates						
TCMX	28.08	49.02	ug/Kg	57%		50-150
Decachlorobiphenyl	28.95	49.02	ug/Kg	59%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC862568	Batch: 243405
Matrix (Source ID): Soil (425997-010)	Method: EPA 8081A	Prep Method: EPA 3546

QC862568 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	31.46	0	49.50	ug/Kg	64%		45-150	0.99
beta-BHC	36.95	0	49.50	ug/Kg	75%		42-156	0.99
gamma-BHC	30.64	0	49.50	ug/Kg	62%		47-151	0.99
delta-BHC	33.30	0	49.50	ug/Kg	67%		37-161	0.99
Heptachlor	32.03	0	49.50	ug/Kg	65%		50-144	0.99
Aldrin	33.08	0	49.50	ug/Kg	67%		46-142	0.99
Heptachlor epoxide	32.28	0	49.50	ug/Kg	65%		48-145	0.99
Endosulfan I	35.04	0	49.50	ug/Kg	71%	#	47-141	0.99
Dieldrin	33.50	0	49.50	ug/Kg	68%		47-151	0.99
4,4'-DDE	36.44	0	49.50	ug/Kg	74%	#	44-163	0.99
Endrin	37.71	0	49.50	ug/Kg	76%		47-160	0.99
Endosulfan II	35.88	0	49.50	ug/Kg	72%	#	44-156	0.99
Endosulfan sulfate	37.64	0	49.50	ug/Kg	76%	#	43-157	0.99
4,4'-DDD	35.67	0	49.50	ug/Kg	72%	#	43-172	0.99
Endrin aldehyde	29.14	0	49.50	ug/Kg	59%		32-127	0.99
Endrin ketone	39.95	0	49.50	ug/Kg	81%	#	48-159	0.99
4,4'-DDT	40.57	0	49.50	ug/Kg	82%		40-158	0.99
Methoxychlor	39.53	0	49.50	ug/Kg	80%		36-182	0.99
Surrogates								
TCMX	26.25		49.50	ug/Kg	53%		50-150	0.99
Decachlorobiphenyl	34.22		49.50	ug/Kg	69%		24-120	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC862569	Batch: 243405
Matrix (Source ID): Soil (425997-010)	Method: EPA 8081A	Prep Method: EPA 3546

QC862569 Analyte	Result	Source	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Sample						Result	RPD	
alpha-BHC	37.31	0	49.50	ug/Kg	75%		45-150	17	20	0.99
beta-BHC	46.24	0	49.50	ug/Kg	93%		42-156	22*	20	0.99
gamma-BHC	37.46	0	49.50	ug/Kg	76%		47-151	20	20	0.99
delta-BHC	41.07	0	49.50	ug/Kg	83%		37-161	21*	20	0.99
Heptachlor	38.42	0	49.50	ug/Kg	78%		50-144	18	20	0.99
Aldrin	39.49	0	49.50	ug/Kg	80%		46-142	18	20	0.99
Heptachlor epoxide	37.92	0	49.50	ug/Kg	77%		48-145	16	20	0.99
Endosulfan I	41.89	0	49.50	ug/Kg	85%	#	47-141	18	20	0.99
Dieldrin	41.82	0	49.50	ug/Kg	84%		47-151	22*	20	0.99
4,4'-DDE	43.92	0	49.50	ug/Kg	89%	#	44-163	19	20	0.99
Endrin	48.01	0	49.50	ug/Kg	97%		47-160	24*	20	0.99
Endosulfan II	44.25	0	49.50	ug/Kg	89%	#	44-156	21*	20	0.99
Endosulfan sulfate	45.11	0	49.50	ug/Kg	91%	#	43-157	18	20	0.99
4,4'-DDD	43.88	0	49.50	ug/Kg	89%	#	43-172	21*	20	0.99
Endrin aldehyde	37.23	0	49.50	ug/Kg	75%		32-127	24*	20	0.99
Endrin ketone	48.52	0	49.50	ug/Kg	98%	#	48-159	19	20	0.99
4,4'-DDT	48.51	0	49.50	ug/Kg	98%		40-158	18	20	0.99
Methoxychlor	47.70	0	49.50	ug/Kg	96%		36-182	19	20	0.99
Surrogates										
TCMX	31.02		49.50	ug/Kg	63%		50-150			0.99
Decachlorobiphenyl	40.62		49.50	ug/Kg	82%		24-120			0.99

Batch QC

Type: Blank	Lab ID: QC862538	Batch: 243397
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC862538 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
alpha-BHC	ND		ug/L	0.1	0.002	03/17/20	03/18/20
beta-BHC	ND		ug/L	0.1	0.003	03/17/20	03/18/20
gamma-BHC	ND		ug/L	0.1	0.002	03/17/20	03/18/20
delta-BHC	ND		ug/L	0.1	0.006	03/17/20	03/18/20
Heptachlor	ND		ug/L	0.1	0.003	03/17/20	03/18/20
Aldrin	ND		ug/L	0.1	0.007	03/17/20	03/18/20
Heptachlor epoxide	ND		ug/L	0.1	0.002	03/17/20	03/18/20
Endosulfan I	ND		ug/L	0.1	0.004	03/17/20	03/18/20
Dieldrin	ND		ug/L	0.1	0.006	03/17/20	03/18/20
4,4'-DDE	ND		ug/L	0.1	0.006	03/17/20	03/18/20
Endrin	ND		ug/L	0.1	0.008	03/17/20	03/18/20
Endosulfan II	ND		ug/L	0.1	0.01	03/17/20	03/18/20
Endosulfan sulfate	ND		ug/L	0.1	0.01	03/17/20	03/18/20
4,4'-DDD	ND		ug/L	0.1	0.01	03/17/20	03/18/20
Endrin aldehyde	ND		ug/L	0.1	0.009	03/17/20	03/18/20
Endrin ketone	ND		ug/L	0.1	0.01	03/17/20	03/18/20
4,4'-DDT	ND		ug/L	0.1	0.01	03/17/20	03/18/20
Methoxychlor	ND		ug/L	0.1	0.06	03/17/20	03/18/20
Toxaphene	ND		ug/L	2.0	0.5	03/17/20	03/18/20
Chlordane (Technical)	ND		ug/L	1.0	0.3	03/17/20	03/18/20
Surrogates				Limits			
TCMX	45%	*	%REC	50-150		03/17/20	03/18/20
Decachlorobiphenyl	61%		%REC	50-150		03/17/20	03/18/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862539	Batch: 243397
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC862539 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	0.3661	0.5000	ug/L	73%		55-122
beta-BHC	0.4165	0.5000	ug/L	83%		46-136
gamma-BHC	0.3793	0.5000	ug/L	76%		54-128
delta-BHC	0.4269	0.5000	ug/L	85%		53-124
Heptachlor	0.3900	0.5000	ug/L	78%		51-128
Aldrin	0.3056	0.5000	ug/L	61%		46-117
Heptachlor epoxide	0.3842	0.5000	ug/L	77%		51-122
Endosulfan I	0.4345	0.5000	ug/L	87%		54-122
Dieldrin	0.3979	0.5000	ug/L	80%		49-129
4,4'-DDE	0.3835	0.5000	ug/L	77%		48-133
Endrin	0.4281	0.5000	ug/L	86%		57-145
Endosulfan II	0.4145	0.5000	ug/L	83%		46-132
Endosulfan sulfate	0.4169	0.5000	ug/L	83%		52-129
4,4'-DDD	0.3941	0.5000	ug/L	79%		42-142
Endrin aldehyde	0.3248	0.5000	ug/L	65%		48-116
Endrin ketone	0.4120	0.5000	ug/L	82%		44-137
4,4'-DDT	0.4457	0.5000	ug/L	89%		40-143
Methoxychlor	0.4904	0.5000	ug/L	98%		52-158
Surrogates						
TCMX	0.2427	0.5000	ug/L	49%	*	50-150
Decachlorobiphenyl	0.3640	0.5000	ug/L	73%		50-150

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC862540	Batch: 243397
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC862540 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
alpha-BHC	0.3814	0.5000	ug/L	76%		55-122	4	20
beta-BHC	0.4264	0.5000	ug/L	85%		46-136	2	20
gamma-BHC	0.3887	0.5000	ug/L	78%		54-128	2	20
delta-BHC	0.4220	0.5000	ug/L	84%		53-124	1	20
Heptachlor	0.3845	0.5000	ug/L	77%		51-128	1	20
Aldrin	0.2939	0.5000	ug/L	59%		46-117	4	20
Heptachlor epoxide	0.3695	0.5000	ug/L	74%		51-122	4	20
Endosulfan I	0.4069	0.5000	ug/L	81%		54-122	7	20
Dieldrin	0.3730	0.5000	ug/L	75%		49-129	6	20
4,4'-DDE	0.3572	0.5000	ug/L	71%		48-133	7	20
Endrin	0.3881	0.5000	ug/L	78%		57-145	10	20
Endosulfan II	0.3690	0.5000	ug/L	74%		46-132	12	20
Endosulfan sulfate	0.3527	0.5000	ug/L	71%		52-129	17	20
4,4'-DDD	0.3503	0.5000	ug/L	70%		42-142	12	20
Endrin aldehyde	0.2861	0.5000	ug/L	57%		48-116	13	20
Endrin ketone	0.3617	0.5000	ug/L	72%		44-137	13	20
4,4'-DDT	0.3774	0.5000	ug/L	75%		40-143	17	20
Methoxychlor	0.4513	0.5000	ug/L	90%		52-158	8	20
Surrogates								
TCMX	0.2465	0.5000	ug/L	49%	*	50-150		
Decachlorobiphenyl	0.3066	0.5000	ug/L	61%		50-150		

CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

ND Not Detected



Enthalpy Analytical
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Orange, CA 92868
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enthalpy.com

Lab Job Number: 425993
Report Level: II
Report Date: 03/23/2020

Analytical Report *prepared for:*

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Location: Compton High School - 601 S. Acacia Ave., Compton, CA 90220

Authorized for release by:

Ranjit K Clarke, Project Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Sample Summary

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Lab Job #: 425993
Location: Compton High School - 601 S. Acacia
Ave., Compton, CA 90220
Date Received: 03/16/20

Sample ID	Lab ID	Collected	Matrix
WC-1	425993-001	03/16/20 10:30	Soil
WC-2	425993-002	03/16/20 10:30	Water

Case Narrative

Ninyo & Moore Lab Job 425993
475 Goddard Number:
Suite 200 Location: Compton High School - 601 S. Acacia Ave., Compton, CA
Irvine, CA 90220
92618 Date Received: 03/16/20
Patrick Cullip

This data package contains sample and QC results for one soil sample and one water sample, requested for the above referenced project on 03/16/20. The samples were received cold and intact.

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

No analytical problems were encountered.

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

Low surrogate recovery was observed for n-triacontane in WC-2 (lab # 425993-002). TPH C10-C28 was detected between the MDL and the RL in the method blank for batch 243341; this analyte was not detected in the sample at or above the RL. No other analytical problems were encountered.

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

No analytical problems were encountered.

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

No analytical problems were encountered.

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

No analytical problems were encountered.

Pesticides (EPA 8081A) Water:

All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. Low surrogate recovery was observed for decachlorobiphenyl in WC-2 (lab # 425993-002). Low surrogate recoveries were observed for TCMX in WC-2 (lab # 425993-002) and the method blank/BS/BSD for batch 243397. No other analytical problems were encountered.

Pesticides (EPA 8081A) Soil:

All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. All samples underwent florisil cleanup using EPA Method 3620C. High RPD was observed for many analytes in the MS/MSD for batch 243405; the parent sample was not a project sample, and these analytes were not detected at or above the RL in the associated sample. Low surrogate recoveries were observed for TCMX in WC-1 (lab # 425993-001) and the method blank for batch 243405; the corresponding decachlorobiphenyl surrogate recoveries were within limits. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A) Water:

High response was observed for silver in the CCV analyzed 03/19/20 12:52; affected data was qualified with "b". High response was observed for silver in the CCV analyzed 03/19/20 13:15; affected data was qualified with "b". No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A) Soil:

High response was observed for silver in the CCV analyzed 03/19/20 12:13; affected data was qualified with "b". High response was observed for silver in the CCV analyzed 03/19/20 12:52; affected data was qualified with "b". Low recoveries were observed for antimony in the MS/MSD of WC-1 (lab # 425993-001); the LCS was within limits, and the associated RPD was within limits. High recoveries were observed for barium, lead, and zinc in the MS of WC-1 (lab # 425993-001); the LCS was within limits. High RPD was observed for a number of analytes in the MS/MSD of WC-1 (lab # 425993-001). Barium and vanadium were detected between the MDL and the RL in the method blank for batch 243384; these analytes were detected in the sample at a level at least 10 times that of the blank. No other analytical problems were encountered.



ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: **425993**
 Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard: **X** 5 Day:
 2 Day: 1 Day:
 3 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 Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments	
Company:	Ninyo and Moore	Name:	Compton High School			Lead (60108)	OCPs (8081A)	Title 22 Metals (60108-7471A)	VOCs (8260B)	TPHs (8015B)	Hold	cc results to: acarroll@ninyoandmoore.com	
Report To:	Patrick Cullip	Number:	210886002										
Email:	pcullip@ninyoandmoore.com	P.O. #:	NA										
Address:	475 Goddard, Suite 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 & CX										
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (60108)	OCPs (8081A)	Title 22 Metals (60108-7471A)	VOCs (8260B)	TPHs (8015B)	Hold		
1 WC-1	3/16/2020	1030	SOIL	Bag	ICE	X	X	X	X	X			
2 WC-2	↓	↓	Water	1-gallon plastic jug	↓	X	X	X	X	X			
3													
4													
5													
6													
7													
8													
9													
10													

AUC 3/16/2020

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Audrey Carroll	Ninyo and Moore / Staff	3/16/2020 @ 1246
¹ Received By:		G Kim	EA	3/16/20 1246
² Relinquished By:				
² Received By:				
³ Relinquished By:				
³ Received By:				

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Ninyo & Moore Project: Compton High School
 Date Received: 3/16/20 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: 10.4 #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: -0.7 #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? <u>3/16/20</u>	✓	✓	

01/1/15

Section 5 Explanations/Comments
002; insufficient volume for both 8081 and 8015 EPH. 3/16/20 only (1) 1L amber provided.

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: 3/16/20

Analysis Results for 425993

Patrick Cullip
Ninyo & Moore
475 Goddard
Suite 200
Irvine, CA 92618

Lab Job #: 425993
Location: Compton High School - 601 S. Acacia
Ave., Compton, CA 90220
Date Received: 03/16/20

Sample ID: WC-1	Lab ID: 425993-001	Collected: 03/16/20 10:30
Matrix: Soil		

425993-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	1.6	0.98	243384	03/17/20	03/18/20	SBW
Arsenic	ND		mg/Kg	0.98	0.66	0.98	243384	03/17/20	03/18/20	SBW
Barium	130		mg/Kg	0.98	0.11	0.98	243384	03/17/20	03/18/20	SBW
Beryllium	ND		mg/Kg	0.49	0.066	0.98	243384	03/17/20	03/18/20	SBW
Cadmium	0.82		mg/Kg	0.49	0.092	0.98	243384	03/17/20	03/18/20	SBW
Chromium	19		mg/Kg	0.98	0.094	0.98	243384	03/17/20	03/18/20	SBW
Cobalt	10		mg/Kg	0.49	0.084	0.98	243384	03/17/20	03/18/20	SBW
Copper	24		mg/Kg	0.98	0.41	0.98	243384	03/17/20	03/18/20	SBW
Lead	72		mg/Kg	0.98	0.82	0.98	243384	03/17/20	03/18/20	SBW
Molybdenum	ND		mg/Kg	0.98	0.58	0.98	243384	03/17/20	03/18/20	SBW
Nickel	13		mg/Kg	1.5	0.25	0.98	243384	03/17/20	03/18/20	SBW
Selenium	ND		mg/Kg	2.9	1.8	0.98	243384	03/17/20	03/18/20	SBW
Silver	ND		mg/Kg	0.49	0.16	0.98	243384	03/17/20	03/19/20	SBW
Thallium	ND		mg/Kg	2.9	1.1	0.98	243384	03/17/20	03/18/20	SBW
Vanadium	41		mg/Kg	0.49	0.25	0.98	243384	03/17/20	03/19/20	SBW
Zinc	130		mg/Kg	4.9	0.74	0.98	243384	03/17/20	03/18/20	SBW
Method: EPA 7471A										
Prep Method: METHOD										
Mercury	ND		mg/Kg	0.13	0.036	0.92	243404	03/17/20	03/17/20	JDB
Method: EPA 8015M										
Prep Method: EPA 3580										
GRO C6-C10	ND		mg/Kg	10	4.0	1	243398	03/17/20	03/18/20	MES
DRO C10-C28	37		mg/Kg	10	4.0	1	243398	03/17/20	03/18/20	MES
ORO C28-C44	56		mg/Kg	20	4.0	1	243398	03/17/20	03/18/20	MES
Surrogates	Limits									
n-Triacontane	98%		%REC	50-150		1	243398	03/17/20	03/18/20	MES
Method: EPA 8081A										
Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1.6	1	243405	03/17/20	03/18/20	MTS
beta-BHC	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/18/20	MTS
gamma-BHC	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/18/20	MTS
delta-BHC	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/18/20	MTS
Heptachlor	ND		ug/Kg	5.0	1.3	1	243405	03/17/20	03/18/20	MTS
Aldrin	ND		ug/Kg	5.0	1.5	1	243405	03/17/20	03/18/20	MTS

Analysis Results for 425993

425993-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	1	243405	03/17/20	03/18/20	MTS
Endosulfan I	ND		ug/Kg	5.0	1.2	1	243405	03/17/20	03/18/20	MTS
Dieldrin	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/18/20	MTS
4,4'-DDE	ND		ug/Kg	5.0	2.0	1	243405	03/17/20	03/18/20	MTS
Endrin	ND		ug/Kg	5.0	2.7	1	243405	03/17/20	03/18/20	MTS
Endosulfan II	ND		ug/Kg	5.0	2.8	1	243405	03/17/20	03/18/20	MTS
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	1	243405	03/17/20	03/18/20	MTS
4,4'-DDD	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/18/20	MTS
Endrin aldehyde	ND		ug/Kg	5.0	2.1	1	243405	03/17/20	03/18/20	MTS
Endrin ketone	ND		ug/Kg	5.0	4.1	1	243405	03/17/20	03/18/20	MTS
4,4'-DDT	5.9		ug/Kg	5.0	2.0	1	243405	03/17/20	03/18/20	MTS
Methoxychlor	ND		ug/Kg	10	9.2	1	243405	03/17/20	03/18/20	MTS
Toxaphene	ND		ug/Kg	100	54	1	243405	03/17/20	03/18/20	MTS
Chlordane (Technical)	ND		ug/Kg	50	35	1	243405	03/17/20	03/18/20	MTS

Surrogates	Limits									
TCMX	30%	*	%REC	50-150	1	243405	03/17/20	03/18/20	MTS	
Decachlorobiphenyl	38%		%REC	24-120	1	243405	03/17/20	03/18/20	MTS	

Method: EPA 8260B
 Prep Method: EPA 5030B

3-Chloropropene	ND		ug/Kg	5.0	0.1	1	243359	03/17/20	03/17/20	LYZ
Freon 12	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Chloromethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Vinyl Chloride	ND		ug/Kg	5.0	0.1	1	243359	03/17/20	03/17/20	LYZ
Bromomethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Chloroethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Acetone	ND		ug/Kg	100	50	1	243359	03/17/20	03/17/20	LYZ
Freon 113	ND		ug/Kg	5.0	0.7	1	243359	03/17/20	03/17/20	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Methylene Chloride	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
MTBE	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
2-Butanone	ND		ug/Kg	100	0.7	1	243359	03/17/20	03/17/20	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Chloroform	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Bromochloromethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.0	0.1	1	243359	03/17/20	03/17/20	LYZ
Benzene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Trichloroethene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
Bromodichloromethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ

Analysis Results for 425993

425993-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dibromomethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Toluene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Tetrachloroethene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Dibromochloromethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.0	0.1	1	243359	03/17/20	03/17/20	LYZ
Chlorobenzene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Ethylbenzene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
m,p-Xylenes	ND		ug/Kg	10	0.4	1	243359	03/17/20	03/17/20	LYZ
o-Xylene	0.4	J	ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Styrene	ND		ug/Kg	5.0	0.1	1	243359	03/17/20	03/17/20	LYZ
Bromoform	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Isopropylbenzene	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Propylbenzene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Bromobenzene	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
2-Chlorotoluene	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
4-Chlorotoluene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
tert-Butylbenzene	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
sec-Butylbenzene	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
n-Butylbenzene	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.3	1	243359	03/17/20	03/17/20	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.0	0.4	1	243359	03/17/20	03/17/20	LYZ
Naphthalene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.2	1	243359	03/17/20	03/17/20	LYZ
Xylene (total)	0.4	J	ug/Kg	5.0		1	243359	03/17/20	03/17/20	LYZ
Surrogates				Limits						
Dibromofluoromethane	99%		%REC	70-145		1	243359	03/17/20	03/17/20	LYZ
1,2-Dichloroethane-d4	98%		%REC	70-145		1	243359	03/17/20	03/17/20	LYZ
Toluene-d8	97%		%REC	70-145		1	243359	03/17/20	03/17/20	LYZ
Bromofluorobenzene	113%		%REC	70-145		1	243359	03/17/20	03/17/20	LYZ

Analysis Results for 425993

Analysis Results for 425993

Sample ID: WC-2	Lab ID: 425993-002	Collected: 03/16/20 10:30
Matrix: Water		

425993-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3010A										
Antimony	ND		mg/L	0.040	0.014	1	243361	03/17/20	03/18/20	SBW
Arsenic	ND		mg/L	0.010	0.0090	1	243361	03/17/20	03/19/20	SBW
Barium	0.11		mg/L	0.010	0.0020	1	243361	03/17/20	03/18/20	SBW
Beryllium	ND		mg/L	0.0050	0.0010	1	243361	03/17/20	03/18/20	SBW
Cadmium	ND		mg/L	0.0050	0.0020	1	243361	03/17/20	03/18/20	SBW
Chromium	0.019		mg/L	0.010	0.0020	1	243361	03/17/20	03/18/20	SBW
Cobalt	0.0077		mg/L	0.0050	0.0020	1	243361	03/17/20	03/18/20	SBW
Copper	0.028		mg/L	0.010	0.0080	1	243361	03/17/20	03/18/20	SBW
Lead	0.040		mg/L	0.010	0.0070	1	243361	03/17/20	03/18/20	SBW
Molybdenum	ND		mg/L	0.010	0.0070	1	243361	03/17/20	03/18/20	SBW
Nickel	0.014		mg/L	0.010	0.0040	1	243361	03/17/20	03/19/20	SBW
Selenium	ND		mg/L	0.030	0.025	1	243361	03/17/20	03/18/20	SBW
Silver	ND		mg/L	0.0050	0.0050	1	243361	03/17/20	03/18/20	SBW
Thallium	ND		mg/L	0.030	0.019	1	243361	03/17/20	03/18/20	SBW
Vanadium	0.026		mg/L	0.0050	0.0030	1	243361	03/17/20	03/19/20	SBW
Zinc	0.25		mg/L	0.050	0.017	1	243361	03/17/20	03/19/20	SBW
Method: EPA 7470A										
Prep Method: METHOD										
Mercury	ND		ug/L	0.40	0.094	1	243402	03/17/20	03/17/20	JDB
Method: EPA 8015B										
Prep Method: EPA 5030B										
TPH Gasoline	ND		ug/L	50	16	1	242960	03/16/20	03/17/20	EMW
Surrogates			Limits							
Bromofluorobenzene (FID)	100%		%REC	60-140		1	242960	03/16/20	03/17/20	EMW
Method: EPA 8015B										
Prep Method: EPA 3510C										
TPH C10-C28	ND		mg/L	0.19	0.038	0.94	243341	03/16/20	03/18/20	MES
TPH C28-C44	ND		mg/L	0.28	0.038	0.94	243341	03/16/20	03/18/20	MES
Surrogates			Limits							
n-Triacontane	38%	*	%REC	50-150		0.94	243341	03/16/20	03/18/20	MES
Method: EPA 8081A										
Prep Method: EPA 3510C										
alpha-BHC	ND		ug/L	0.5	0.01	5	243397	03/17/20	03/18/20	MTS
beta-BHC	ND		ug/L	0.5	0.02	5	243397	03/17/20	03/18/20	MTS
gamma-BHC	ND		ug/L	0.5	0.01	5	243397	03/17/20	03/18/20	MTS
delta-BHC	ND		ug/L	0.5	0.03	5	243397	03/17/20	03/18/20	MTS
Heptachlor	ND		ug/L	0.5	0.02	5	243397	03/17/20	03/18/20	MTS
Aldrin	ND		ug/L	0.5	0.04	5	243397	03/17/20	03/18/20	MTS
Heptachlor epoxide	ND		ug/L	0.5	0.01	5	243397	03/17/20	03/18/20	MTS
Endosulfan I	ND		ug/L	0.5	0.02	5	243397	03/17/20	03/18/20	MTS

Analysis Results for 425993

425993-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Dieldrin	ND		ug/L	0.5	0.03	5	243397	03/17/20	03/18/20	MTS
4,4'-DDE	ND		ug/L	0.5	0.03	5	243397	03/17/20	03/18/20	MTS
Endrin	ND		ug/L	0.5	0.04	5	243397	03/17/20	03/18/20	MTS
Endosulfan II	ND		ug/L	0.5	0.06	5	243397	03/17/20	03/18/20	MTS
Endosulfan sulfate	ND		ug/L	0.5	0.06	5	243397	03/17/20	03/18/20	MTS
4,4'-DDD	ND		ug/L	0.5	0.06	5	243397	03/17/20	03/18/20	MTS
Endrin aldehyde	ND		ug/L	0.5	0.05	5	243397	03/17/20	03/18/20	MTS
Endrin ketone	ND		ug/L	0.5	0.06	5	243397	03/17/20	03/18/20	MTS
4,4'-DDT	ND		ug/L	0.5	0.06	5	243397	03/17/20	03/18/20	MTS
Methoxychlor	ND		ug/L	0.5	0.3	5	243397	03/17/20	03/18/20	MTS
Toxaphene	ND		ug/L	10	2.4	5	243397	03/17/20	03/18/20	MTS
Chlordane (Technical)	ND		ug/L	5.0	1.4	5	243397	03/17/20	03/18/20	MTS

Surrogates	Limits									
TCMX	35%	*	%REC	50-150	5	243397	03/17/20	03/18/20	MTS	
Decachlorobiphenyl	43%	*	%REC	50-150	5	243397	03/17/20	03/18/20	MTS	

Method: EPA 8260B
 Prep Method: EPA 5030B

3-Chloropropene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Freon 12	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Chloromethane	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Bromomethane	ND		ug/L	5.0	0.7	1	243357	03/17/20	03/17/20	LYZ
Chloroethane	ND		ug/L	5.0	0.5	1	243357	03/17/20	03/17/20	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Acetone	ND		ug/L	100	50	1	243357	03/17/20	03/17/20	LYZ
Freon 113	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Methylene Chloride	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
MTBE	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
2-Butanone	ND		ug/L	100	0.8	1	243357	03/17/20	03/17/20	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Chloroform	0.9	J	ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Bromochloromethane	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.4	1	243357	03/17/20	03/17/20	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Benzene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Trichloroethene	ND		ug/L	5.0	0.4	1	243357	03/17/20	03/17/20	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.4	1	243357	03/17/20	03/17/20	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Dibromomethane	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.1	1	243357	03/17/20	03/17/20	LYZ

Analysis Results for 425993

425993-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Toluene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Chlorobenzene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Ethylbenzene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
m,p-Xylenes	ND		ug/L	10	0.5	1	243357	03/17/20	03/17/20	LYZ
o-Xylene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Styrene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Bromoform	ND		ug/L	5.0	0.1	1	243357	03/17/20	03/17/20	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Propylbenzene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Bromobenzene	ND		ug/L	5.0	0.5	1	243357	03/17/20	03/17/20	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
4-Chlorotoluene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.4	1	243357	03/17/20	03/17/20	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,3-Dichlorobenzene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,4-Dichlorobenzene	ND		ug/L	5.0	0.4	1	243357	03/17/20	03/17/20	LYZ
n-Butylbenzene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.1	1	243357	03/17/20	03/17/20	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.5	1	243357	03/17/20	03/17/20	LYZ
Naphthalene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	243357	03/17/20	03/17/20	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	243357	03/17/20	03/17/20	LYZ
Xylene (total)	ND		ug/L	5.0		1	243357	03/17/20	03/17/20	LYZ
Surrogates				Limits						
Dibromofluoromethane	98%		%REC	70-140		1	243357	03/17/20	03/17/20	LYZ
1,2-Dichloroethane-d4	94%		%REC	70-140		1	243357	03/17/20	03/17/20	LYZ
Toluene-d8	104%		%REC	70-140		1	243357	03/17/20	03/17/20	LYZ
Bromofluorobenzene	99%		%REC	70-140		1	243357	03/17/20	03/17/20	LYZ

Analysis Results for 425993

* Value is outside QC limits
J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC862450	Batch: 243359
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC862450 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	0.1	03/17/20	03/17/20
Freon 12	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Chloromethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Vinyl Chloride	ND		ug/Kg	5.0	0.1	03/17/20	03/17/20
Bromomethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Chloroethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Trichlorofluoromethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Acetone	ND		ug/Kg	100	50	03/17/20	03/17/20
Freon 113	ND		ug/Kg	5.0	0.7	03/17/20	03/17/20
1,1-Dichloroethene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Methylene Chloride	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
MTBE	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,1-Dichloroethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
2-Butanone	ND		ug/Kg	100	0.7	03/17/20	03/17/20
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
2,2-Dichloropropane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Chloroform	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Bromochloromethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,1-Dichloropropene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Carbon Tetrachloride	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,2-Dichloroethane	ND		ug/Kg	5.0	0.1	03/17/20	03/17/20
Benzene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Trichloroethene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,2-Dichloropropane	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
Bromodichloromethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Dibromomethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Toluene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,3-Dichloropropane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Tetrachloroethene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Dibromochloromethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,2-Dibromoethane	ND		ug/Kg	5.0	0.1	03/17/20	03/17/20
Chlorobenzene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Ethylbenzene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
m,p-Xylenes	ND		ug/Kg	10	0.4	03/17/20	03/17/20
o-Xylene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20

Batch QC

QC862450 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Styrene	ND		ug/Kg	5.0	0.1	03/17/20	03/17/20
Bromoform	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Isopropylbenzene	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Propylbenzene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Bromobenzene	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
2-Chlorotoluene	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
4-Chlorotoluene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
tert-Butylbenzene	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
sec-Butylbenzene	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
n-Butylbenzene	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.3	03/17/20	03/17/20
Hexachlorobutadiene	ND		ug/Kg	5.0	0.4	03/17/20	03/17/20
Naphthalene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.2	03/17/20	03/17/20
Xylene (total)	ND		ug/Kg	5.0		03/17/20	03/17/20
Surrogates				Limits			
Dibromofluoromethane	98%		%REC	70-145		03/17/20	03/17/20
1,2-Dichloroethane-d4	91%		%REC	70-145		03/17/20	03/17/20
Toluene-d8	99%		%REC	70-145		03/17/20	03/17/20
Bromofluorobenzene	112%		%REC	70-145		03/17/20	03/17/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862451	Batch: 243359
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC862451 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.17	50.00	ug/Kg	86%		59-172
MTBE	36.30	50.00	ug/Kg	73%		62-137
Benzene	43.17	50.00	ug/Kg	86%		62-137
Trichloroethene	44.21	50.00	ug/Kg	88%		66-142
Toluene	41.92	50.00	ug/Kg	84%		59-139
Chlorobenzene	42.07	50.00	ug/Kg	84%		60-133
Surrogates						
Dibromofluoromethane	51.11	50.00	ug/Kg	102%		70-145
1,2-Dichloroethane-d4	46.82	50.00	ug/Kg	94%		70-145
Toluene-d8	48.61	50.00	ug/Kg	97%		70-145
Bromofluorobenzene	53.29	50.00	ug/Kg	107%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC862452	Batch: 243359
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC862452 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.87	50.00	ug/Kg	96%		59-172	10	22
MTBE	40.49	50.00	ug/Kg	81%		62-137	11	21
Benzene	48.04	50.00	ug/Kg	96%		62-137	11	24
Trichloroethene	48.35	50.00	ug/Kg	97%		66-142	9	21
Toluene	46.32	50.00	ug/Kg	93%		59-139	10	21
Chlorobenzene	46.48	50.00	ug/Kg	93%		60-133	10	24
Surrogates								
Dibromofluoromethane	51.07	50.00	ug/Kg	102%		70-145		
1,2-Dichloroethane-d4	46.79	50.00	ug/Kg	94%		70-145		
Toluene-d8	48.32	50.00	ug/Kg	97%		70-145		
Bromofluorobenzene	52.82	50.00	ug/Kg	106%		70-145		

Batch QC

Type: Matrix Spike	Lab ID: QC862453	Batch: 243359
Matrix (Source ID): Soil (425993-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC862453 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	43.82	0	50.00	ug/Kg	88%		59-172	1
MTBE	39.42	0	50.00	ug/Kg	79%		62-137	1
Benzene	43.47	0	50.00	ug/Kg	87%		62-137	1
Trichloroethene	43.57	0	50.00	ug/Kg	87%		66-142	1
Toluene	40.52	0	50.00	ug/Kg	81%		59-139	1
Chlorobenzene	39.20	0	50.00	ug/Kg	78%		60-133	1
Surrogates								
Dibromofluoromethane	52.14		50.00	ug/Kg	104%		70-145	1
1,2-Dichloroethane-d4	48.28		50.00	ug/Kg	97%		70-145	1
Toluene-d8	47.85		50.00	ug/Kg	96%		70-145	1
Bromofluorobenzene	53.39		50.00	ug/Kg	107%		70-145	1

Type: Matrix Spike Duplicate	Lab ID: QC862454	Batch: 243359
Matrix (Source ID): Soil (425993-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC862454 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
1,1-Dichloroethene	42.62	0	50.00	ug/Kg	85%		59-172	3	22	1
MTBE	38.16	0	50.00	ug/Kg	76%		62-137	3	21	1
Benzene	41.58	0	50.00	ug/Kg	83%		62-137	4	24	1
Trichloroethene	40.79	0	50.00	ug/Kg	82%		66-142	7	21	1
Toluene	38.21	0	50.00	ug/Kg	76%		59-139	6	21	1
Chlorobenzene	36.31	0	50.00	ug/Kg	73%		60-133	8	24	1
Surrogates										
Dibromofluoromethane	51.78		50.00	ug/Kg	104%		70-145			1
1,2-Dichloroethane-d4	48.34		50.00	ug/Kg	97%		70-145			1
Toluene-d8	48.21		50.00	ug/Kg	96%		70-145			1
Bromofluorobenzene	53.88		50.00	ug/Kg	108%		70-145			1

Batch QC

Type: Blank	Lab ID: QC862541	Batch: 243398
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580

QC862541 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
GRO C6-C10	ND		mg/Kg	10	4.0	03/17/20	03/17/20
DRO C10-C28	ND		mg/Kg	10	4.0	03/17/20	03/17/20
ORO C28-C44	ND		mg/Kg	20	4.0	03/17/20	03/17/20
Surrogates				Limits			
n-Triacontane	91%		%REC	50-150		03/17/20	03/17/20

Type: Lab Control Sample	Lab ID: QC862542	Batch: 243398
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580

QC862542 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	247.3	250.0	mg/Kg	99%		70-130
Surrogates						
n-Triacontane	9.154	10.00	mg/Kg	92%		50-150

Type: Matrix Spike	Lab ID: QC862543	Batch: 243398
Matrix (Source ID): Soil (426042-001)	Method: EPA 8015M	Prep Method: EPA 3580

QC862543 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	268.4	69.73	250.0	mg/Kg	79%		70-130	2
Surrogates								
n-Triacontane	9.531		10.00	mg/Kg	95%		50-150	2

Type: Matrix Spike Duplicate	Lab ID: QC862544	Batch: 243398
Matrix (Source ID): Soil (426042-001)	Method: EPA 8015M	Prep Method: EPA 3580

QC862544 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Diesel C10-C28	266.9	69.73	250.0	mg/Kg	79%		70-130	1	20	2
Surrogates										
n-Triacontane	9.621		10.00	mg/Kg	96%		50-150			2

Batch QC

Type: Blank	Lab ID: QC862554	Batch: 243402
Matrix: Water	Method: EPA 7470A	Prep Method: METHOD

QC862554 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	0.094	03/17/20	03/17/20

Type: Lab Control Sample	Lab ID: QC862555	Batch: 243402
Matrix: Water	Method: EPA 7470A	Prep Method: METHOD

QC862555 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	4.966	5.000	ug/L	99%		80-120

Type: Matrix Spike	Lab ID: QC862556	Batch: 243402
Matrix (Source ID): Water (425960-001)	Method: EPA 7470A	Prep Method: METHOD

QC862556 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	4.957	0	5.000	ug/L	99%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC862557	Batch: 243402
Matrix (Source ID): Water (425960-001)	Method: EPA 7470A	Prep Method: METHOD

QC862557 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	4.760	0	5.000	ug/L	95%		75-125	4	20	1

Type: Blank	Lab ID: QC861551	Batch: 242960
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 5030B

QC861551 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
TPH Gasoline	ND		ug/L	50	16	03/16/20	03/16/20
Surrogates					Limits		
Bromofluorobenzene (FID)	106%		%REC	60-140		03/16/20	03/16/20

Batch QC

Type: Lab Control Sample	Lab ID: QC861552	Batch: 242960
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 5030B

QC861552 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	506.2	500.0	ug/L	101%		70-130
Surrogates						
Bromofluorobenzene (FID)	221.0	200.0	ug/L	111%		60-140

Type: Matrix Spike	Lab ID: QC861553	Batch: 242960
Matrix (Source ID): Water (425823-001)	Method: EPA 8015B	Prep Method: EPA 5030B

QC861553 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
TPH Gasoline	494.5	0	500.0	ug/L	99%		70-130	1
Surrogates								
Bromofluorobenzene (FID)	228.0		200.0	ug/L	114%		60-140	1

Type: Matrix Spike Duplicate	Lab ID: QC861554	Batch: 242960
Matrix (Source ID): Water (425823-001)	Method: EPA 8015B	Prep Method: EPA 5030B

QC861554 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
TPH Gasoline	506.6	0	500.0	ug/L	101%		70-130	2	30	1
Surrogates										
Bromofluorobenzene (FID)	228.0		200.0	ug/L	114%		60-140			1

Batch QC

Type: Blank	Lab ID: QC862514	Batch: 243384
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC862514 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	1.6	03/17/20	03/18/20
Arsenic	ND		mg/Kg	1.0	0.67	03/17/20	03/18/20
Barium	0.15	J	mg/Kg	1.0	0.11	03/17/20	03/18/20
Beryllium	ND		mg/Kg	0.50	0.067	03/17/20	03/18/20
Cadmium	ND		mg/Kg	0.50	0.094	03/17/20	03/18/20
Chromium	ND		mg/Kg	1.0	0.096	03/17/20	03/18/20
Cobalt	ND		mg/Kg	0.50	0.086	03/17/20	03/18/20
Copper	ND		mg/Kg	1.0	0.42	03/17/20	03/18/20
Lead	ND		mg/Kg	1.0	0.84	03/17/20	03/18/20
Molybdenum	ND		mg/Kg	1.0	0.59	03/17/20	03/18/20
Nickel	ND		mg/Kg	1.5	0.26	03/17/20	03/18/20
Selenium	ND		mg/Kg	3.0	1.8	03/17/20	03/18/20
Silver	ND		mg/Kg	0.50	0.16	03/17/20	03/19/20
Thallium	ND		mg/Kg	3.0	1.1	03/17/20	03/18/20
Vanadium	0.32	J	mg/Kg	0.50	0.26	03/17/20	03/19/20
Zinc	ND		mg/Kg	5.0	0.75	03/17/20	03/18/20

Type: Lab Control Sample	Lab ID: QC862515	Batch: 243384
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC862515 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	103.3	100.0	mg/Kg	103%		80-120
Arsenic	109.4	100.0	mg/Kg	109%		80-120
Barium	115.1	100.0	mg/Kg	115%		80-120
Beryllium	98.05	100.0	mg/Kg	98%		80-120
Cadmium	114.8	100.0	mg/Kg	115%		80-120
Chromium	105.2	100.0	mg/Kg	105%		80-120
Cobalt	114.7	100.0	mg/Kg	115%		80-120
Copper	98.65	100.0	mg/Kg	99%		80-120
Lead	116.8	100.0	mg/Kg	117%		80-120
Molybdenum	110.4	100.0	mg/Kg	110%		80-120
Nickel	116.8	100.0	mg/Kg	117%		80-120
Selenium	91.89	100.0	mg/Kg	92%		80-120
Silver	93.84	100.0	mg/Kg	94%	b	80-120
Thallium	104.6	100.0	mg/Kg	105%		80-120
Vanadium	104.0	100.0	mg/Kg	104%		80-120
Zinc	114.8	100.0	mg/Kg	115%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC862516	Batch: 243384
Matrix (Source ID): Soil (425993-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC862516 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	25.72	0	96.15	mg/Kg	27%	*	75-125	0.96
Arsenic	110.3	0	96.15	mg/Kg	115%		75-125	0.96
Barium	291.1	133.1	96.15	mg/Kg	164%	*	75-125	0.96
Beryllium	101.2	0	96.15	mg/Kg	105%		75-125	0.96
Cadmium	104.7	0.8235	96.15	mg/Kg	108%		75-125	0.96
Chromium	119.8	18.62	96.15	mg/Kg	105%		75-125	0.96
Cobalt	122.9	10.10	96.15	mg/Kg	117%		75-125	0.96
Copper	125.5	23.59	96.15	mg/Kg	106%		75-125	0.96
Lead	278.6	71.95	96.15	mg/Kg	215%	*	75-125	0.96
Molybdenum	105.8	0	96.15	mg/Kg	110%		75-125	0.96
Nickel	123.7	12.76	96.15	mg/Kg	115%		75-125	0.96
Selenium	87.93	0	96.15	mg/Kg	91%		75-125	0.96
Silver	88.36	0	96.15	mg/Kg	92%	b	75-125	0.96
Thallium	96.15	0	96.15	mg/Kg	100%		75-125	0.96
Vanadium	143.3	40.51	96.15	mg/Kg	107%		75-125	0.96
Zinc	294.1	133.6	96.15	mg/Kg	167%	*	75-125	0.96

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC862517	Batch: 243384
Matrix (Source ID): Soil (425993-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC862517 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result						RPD	Lim	
Antimony	27.83	0	97.09	mg/Kg	29%	*	75-125	7	41	0.97
Arsenic	91.55	0	97.09	mg/Kg	94%		75-125	20	35	0.97
Barium	222.0	133.1	97.09	mg/Kg	92%		75-125	27*	20	0.97
Beryllium	80.08	0	97.09	mg/Kg	82%		75-125	24*	20	0.97
Cadmium	92.72	0.8235	97.09	mg/Kg	95%		75-125	13	20	0.97
Chromium	114.3	18.62	97.09	mg/Kg	99%		75-125	6	20	0.97
Cobalt	100.2	10.10	97.09	mg/Kg	93%		75-125	21*	20	0.97
Copper	123.1	23.59	97.09	mg/Kg	103%		75-125	3	20	0.97
Lead	179.7	71.95	97.09	mg/Kg	111%		75-125	44*	20	0.97
Molybdenum	87.37	0	97.09	mg/Kg	90%		75-125	20	20	0.97
Nickel	101.3	12.76	97.09	mg/Kg	91%		75-125	21*	20	0.97
Selenium	84.15	0	97.09	mg/Kg	87%		75-125	5	20	0.97
Silver	83.47	0	97.09	mg/Kg	86%	b	75-125	7	20	0.97
Thallium	80.98	0	97.09	mg/Kg	83%		75-125	18	20	0.97
Vanadium	134.9	40.51	97.09	mg/Kg	97%		75-125	7	20	0.97
Zinc	241.3	133.6	97.09	mg/Kg	111%		75-125	20	20	0.97

Type: Blank	Lab ID: QC862459	Batch: 243361
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3010A

QC862459 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/L	0.040	0.014	03/17/20	03/18/20
Arsenic	ND		mg/L	0.010	0.0090	03/17/20	03/19/20
Barium	ND		mg/L	0.010	0.0020	03/17/20	03/18/20
Beryllium	ND		mg/L	0.0050	0.0010	03/17/20	03/18/20
Cadmium	ND		mg/L	0.0050	0.0020	03/17/20	03/18/20
Chromium	ND		mg/L	0.010	0.0020	03/17/20	03/18/20
Cobalt	ND		mg/L	0.0050	0.0020	03/17/20	03/18/20
Copper	ND		mg/L	0.010	0.0080	03/17/20	03/18/20
Lead	ND		mg/L	0.010	0.0070	03/17/20	03/19/20
Molybdenum	ND		mg/L	0.010	0.0070	03/17/20	03/18/20
Nickel	ND		mg/L	0.010	0.0040	03/17/20	03/18/20
Selenium	ND		mg/L	0.030	0.025	03/17/20	03/18/20
Silver	ND		mg/L	0.0050	0.0050	03/17/20	03/18/20
Thallium	ND		mg/L	0.030	0.019	03/17/20	03/18/20
Vanadium	ND		mg/L	0.0050	0.0030	03/17/20	03/19/20
Zinc	ND		mg/L	0.050	0.017	03/17/20	03/18/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862460	Batch: 243361
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3010A

QC862460 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	2.031	2.000	mg/L	102%		80-120
Arsenic	1.908	2.000	mg/L	95%		80-120
Barium	2.145	2.000	mg/L	107%		80-120
Beryllium	2.009	2.000	mg/L	100%		80-120
Cadmium	2.056	2.000	mg/L	103%		80-120
Chromium	2.111	2.000	mg/L	106%		80-120
Cobalt	2.111	2.000	mg/L	106%		80-120
Copper	2.029	2.000	mg/L	101%		80-120
Lead	2.069	2.000	mg/L	103%		80-120
Molybdenum	1.958	2.000	mg/L	98%		80-120
Nickel	2.133	2.000	mg/L	107%		80-120
Selenium	1.833	2.000	mg/L	92%		80-120
Silver	1.909	2.000	mg/L	95%	b	80-120
Thallium	2.001	2.000	mg/L	100%		80-120
Vanadium	2.150	2.000	mg/L	108%		80-120
Zinc	2.147	2.000	mg/L	107%		80-120

Type: Matrix Spike	Lab ID: QC862461	Batch: 243361
Matrix (Source ID): Water (425982-081)	Method: EPA 6010B	Prep Method: EPA 3010A

QC862461 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	1.037	0	1.000	mg/L	104%		75-125	1
Arsenic	0.9670	0.009600	1.000	mg/L	96%		75-125	1
Barium	1.110	0	1.000	mg/L	111%		75-125	1
Beryllium	1.052	0	1.000	mg/L	105%		75-125	1
Cadmium	1.051	0	1.000	mg/L	105%		75-125	1
Chromium	1.091	0	1.000	mg/L	109%		75-125	1
Cobalt	1.094	0	1.000	mg/L	109%		75-125	1
Copper	1.073	0	1.000	mg/L	107%		75-125	1
Lead	1.050	0	1.000	mg/L	105%		75-125	1
Molybdenum	1.012	0	1.000	mg/L	101%		75-125	1
Nickel	1.101	0	1.000	mg/L	110%		75-125	1
Selenium	0.9310	0	1.000	mg/L	93%		75-125	1
Silver	0.9346	0	1.000	mg/L	93%	b	75-125	1
Thallium	1.045	0	1.000	mg/L	105%		75-125	1
Vanadium	1.054	0	1.000	mg/L	105%		75-125	1
Zinc	1.115	0	1.000	mg/L	112%		75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC862462	Batch: 243361
Matrix (Source ID): Water (425982-081)	Method: EPA 6010B	Prep Method: EPA 3010A

QC862462 Analyte	Result	Source	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Sample						Result	RPD	
Antimony	1.072	0	1.000	mg/L	107%		75-125	3	20	1
Arsenic	1.021	0.009600	1.000	mg/L	101%		75-125	5	20	1
Barium	1.127	0	1.000	mg/L	113%		75-125	2	20	1
Beryllium	1.080	0	1.000	mg/L	108%		75-125	3	20	1
Cadmium	1.057	0	1.000	mg/L	106%		75-125	1	20	1
Chromium	1.106	0	1.000	mg/L	111%		75-125	1	20	1
Cobalt	1.104	0	1.000	mg/L	110%		75-125	1	20	1
Copper	1.095	0	1.000	mg/L	110%		75-125	2	20	1
Lead	1.089	0	1.000	mg/L	109%		75-125	4	20	1
Molybdenum	1.052	0	1.000	mg/L	105%		75-125	4	20	1
Nickel	1.096	0	1.000	mg/L	110%		75-125	0	20	1
Selenium	0.9562	0	1.000	mg/L	96%		75-125	3	20	1
Silver	0.9850	0	1.000	mg/L	99%	b	75-125	5	20	1
Thallium	1.079	0	1.000	mg/L	108%		75-125	3	20	1
Vanadium	1.106	0	1.000	mg/L	111%		75-125	5	20	1
Zinc	1.090	0	1.000	mg/L	109%		75-125	2	20	1

Batch QC

Type: Blank	Lab ID: QC862447	Batch: 243357
Matrix: Drinking Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC862447 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.19	03/17/20	03/17/20
Freon 12	ND		ug/L	5.0	0.33	03/17/20	03/17/20
Chloromethane	ND		ug/L	5.0	0.27	03/17/20	03/17/20
Vinyl Chloride	ND		ug/L	5.0	0.18	03/17/20	03/17/20
Bromomethane	ND		ug/L	5.0	0.68	03/17/20	03/17/20
Chloroethane	ND		ug/L	5.0	0.45	03/17/20	03/17/20
Trichlorofluoromethane	ND		ug/L	5.0	0.25	03/17/20	03/17/20
Acetone	ND		ug/L	100	50	03/17/20	03/17/20
Freon 113	ND		ug/L	5.0	0.29	03/17/20	03/17/20
1,1-Dichloroethene	ND		ug/L	5.0	0.30	03/17/20	03/17/20
Methylene Chloride	ND		ug/L	5.0	0.16	03/17/20	03/17/20
MTBE	ND		ug/L	5.0	0.19	03/17/20	03/17/20
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.33	03/17/20	03/17/20
1,1-Dichloroethane	ND		ug/L	5.0	0.32	03/17/20	03/17/20
2-Butanone	ND		ug/L	100	0.78	03/17/20	03/17/20
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.27	03/17/20	03/17/20
2,2-Dichloropropane	ND		ug/L	5.0	0.32	03/17/20	03/17/20
Chloroform	ND		ug/L	5.0	0.18	03/17/20	03/17/20
Bromochloromethane	ND		ug/L	5.0	0.17	03/17/20	03/17/20
1,1,1-Trichloroethane	ND		ug/L	5.0	0.38	03/17/20	03/17/20
1,1-Dichloropropene	ND		ug/L	5.0	0.25	03/17/20	03/17/20
Carbon Tetrachloride	ND		ug/L	5.0	0.27	03/17/20	03/17/20
1,2-Dichloroethane	ND		ug/L	5.0	0.20	03/17/20	03/17/20
Benzene	ND		ug/L	5.0	0.18	03/17/20	03/17/20
Trichloroethene	ND		ug/L	5.0	0.39	03/17/20	03/17/20
1,2-Dichloropropane	ND		ug/L	5.0	0.36	03/17/20	03/17/20
Bromodichloromethane	ND		ug/L	5.0	0.31	03/17/20	03/17/20
Dibromomethane	ND		ug/L	5.0	0.23	03/17/20	03/17/20
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.12	03/17/20	03/17/20
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.25	03/17/20	03/17/20
Toluene	ND		ug/L	5.0	0.24	03/17/20	03/17/20
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.23	03/17/20	03/17/20
1,1,2-Trichloroethane	ND		ug/L	5.0	0.25	03/17/20	03/17/20
1,3-Dichloropropane	ND		ug/L	5.0	0.19	03/17/20	03/17/20
Tetrachloroethene	ND		ug/L	5.0	0.18	03/17/20	03/17/20
Dibromochloromethane	ND		ug/L	5.0	0.21	03/17/20	03/17/20
1,2-Dibromoethane	ND		ug/L	5.0	0.19	03/17/20	03/17/20
Chlorobenzene	ND		ug/L	5.0	0.19	03/17/20	03/17/20
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.25	03/17/20	03/17/20
Ethylbenzene	ND		ug/L	5.0	0.21	03/17/20	03/17/20
m,p-Xylenes	ND		ug/L	10	0.45	03/17/20	03/17/20
o-Xylene	ND		ug/L	5.0	0.29	03/17/20	03/17/20

Batch QC

QC862447 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Styrene	ND		ug/L	5.0	0.22	03/17/20	03/17/20
Bromoform	ND		ug/L	5.0	0.13	03/17/20	03/17/20
Isopropylbenzene	ND		ug/L	5.0	0.24	03/17/20	03/17/20
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.25	03/17/20	03/17/20
1,2,3-Trichloropropane	ND		ug/L	5.0	0.16	03/17/20	03/17/20
Propylbenzene	ND		ug/L	5.0	0.31	03/17/20	03/17/20
Bromobenzene	ND		ug/L	5.0	0.53	03/17/20	03/17/20
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.24	03/17/20	03/17/20
2-Chlorotoluene	ND		ug/L	5.0	0.33	03/17/20	03/17/20
4-Chlorotoluene	ND		ug/L	5.0	0.31	03/17/20	03/17/20
tert-Butylbenzene	ND		ug/L	5.0	0.40	03/17/20	03/17/20
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.28	03/17/20	03/17/20
sec-Butylbenzene	ND		ug/L	5.0	0.32	03/17/20	03/17/20
para-Isopropyl Toluene	ND		ug/L	5.0	0.32	03/17/20	03/17/20
1,3-Dichlorobenzene	ND		ug/L	5.0	0.34	03/17/20	03/17/20
1,4-Dichlorobenzene	ND		ug/L	5.0	0.43	03/17/20	03/17/20
n-Butylbenzene	ND		ug/L	5.0	0.25	03/17/20	03/17/20
1,2-Dichlorobenzene	ND		ug/L	5.0	0.26	03/17/20	03/17/20
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.12	03/17/20	03/17/20
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.27	03/17/20	03/17/20
Hexachlorobutadiene	ND		ug/L	5.0	0.51	03/17/20	03/17/20
Naphthalene	ND		ug/L	5.0	0.25	03/17/20	03/17/20
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.28	03/17/20	03/17/20
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.17	03/17/20	03/17/20
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.17	03/17/20	03/17/20
Xylene (total)	ND		ug/L	5.0		03/17/20	03/17/20
Surrogates				Limits			
Dibromofluoromethane	99%		%REC	70-140		03/17/20	03/17/20
1,2-Dichloroethane-d4	92%		%REC	70-140		03/17/20	03/17/20
Toluene-d8	104%		%REC	70-140		03/17/20	03/17/20
Bromofluorobenzene	99%		%REC	70-140		03/17/20	03/17/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862448	Batch: 243357
Matrix: Drinking Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC862448 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.34	50.00	ug/L	101%		59-172
MTBE	44.75	50.00	ug/L	89%		62-137
Benzene	52.66	50.00	ug/L	105%		62-137
Trichloroethene	50.54	50.00	ug/L	101%		66-142
Toluene	52.53	50.00	ug/L	105%		59-139
Chlorobenzene	50.68	50.00	ug/L	101%		60-133
Surrogates						
Dibromofluoromethane	49.97	50.00	ug/L	100%		70-140
1,2-Dichloroethane-d4	48.66	50.00	ug/L	97%		70-140
Toluene-d8	50.72	50.00	ug/L	101%		70-140
Bromofluorobenzene	49.01	50.00	ug/L	98%		70-140

Type: Sample Spike	Lab ID: QC862449	Batch: 243357
Matrix (Source ID): Drinking Water (425985-009)	Method: EPA 8260B	Prep Method: EPA 5030B

QC862449 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	50.54	0	50.00	ug/L	101%		59-172	1
MTBE	43.20	0	50.00	ug/L	86%		62-137	1
Benzene	51.07	0	50.00	ug/L	102%		62-137	1
Trichloroethene	51.40	3.517	50.00	ug/L	96%		66-142	1
Toluene	49.89	0	50.00	ug/L	100%		59-139	1
Chlorobenzene	47.86	0	50.00	ug/L	96%		60-133	1
Surrogates								
Dibromofluoromethane	51.80		50.00	ug/L	104%		70-140	1
1,2-Dichloroethane-d4	48.57		50.00	ug/L	97%		70-140	1
Toluene-d8	50.01		50.00	ug/L	100%		70-140	1
Bromofluorobenzene	46.57		50.00	ug/L	93%		70-140	1

Type: Blank	Lab ID: QC862562	Batch: 243404
Matrix: Miscell.	Method: EPA 7471A	Prep Method: METHOD

QC862562 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	0.039	03/17/20	03/17/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862563	Batch: 243404
Matrix: Miscell.	Method: EPA 7471A	Prep Method: METHOD

QC862563 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.7816	0.8333	mg/Kg	94%		80-120

Type: Matrix Spike	Lab ID: QC862564	Batch: 243404
Matrix (Source ID): Miscell. (426002-001)	Method: EPA 7471A	Prep Method: METHOD

QC862564 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.7188	0	0.7576	mg/Kg	95%		75-125	0.91

Type: Matrix Spike Duplicate	Lab ID: QC862565	Batch: 243404
Matrix (Source ID): Miscell. (426002-001)	Method: EPA 7471A	Prep Method: METHOD

QC862565 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.6808	0	0.7692	mg/Kg	89%		75-125	7	20	0.92

Batch QC

Type: Blank	Lab ID: QC862566	Batch: 243405
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC862566 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
alpha-BHC	ND		ug/Kg	5.0	1.6	03/17/20	03/19/20
beta-BHC	ND		ug/Kg	5.0	1.5	03/17/20	03/19/20
gamma-BHC	ND		ug/Kg	5.0	2.0	03/17/20	03/19/20
delta-BHC	ND		ug/Kg	5.0	1.2	03/17/20	03/19/20
Heptachlor	ND		ug/Kg	5.0	1.3	03/17/20	03/19/20
Aldrin	ND		ug/Kg	5.0	1.5	03/17/20	03/19/20
Heptachlor epoxide	ND		ug/Kg	5.0	2.3	03/17/20	03/19/20
Endosulfan I	ND		ug/Kg	5.0	1.2	03/17/20	03/19/20
Dieldrin	ND		ug/Kg	5.0	2.1	03/17/20	03/19/20
4,4'-DDE	ND		ug/Kg	5.0	2.0	03/17/20	03/19/20
Endrin	ND		ug/Kg	5.0	2.7	03/17/20	03/19/20
Endosulfan II	ND		ug/Kg	5.0	2.8	03/17/20	03/19/20
Endosulfan sulfate	ND		ug/Kg	5.0	3.4	03/17/20	03/19/20
4,4'-DDD	ND		ug/Kg	5.0	2.1	03/17/20	03/19/20
Endrin aldehyde	ND		ug/Kg	5.0	2.1	03/17/20	03/19/20
Endrin ketone	ND		ug/Kg	5.0	4.1	03/17/20	03/19/20
4,4'-DDT	ND		ug/Kg	5.0	2.0	03/17/20	03/19/20
Methoxychlor	ND		ug/Kg	10	9.2	03/17/20	03/19/20
Toxaphene	ND		ug/Kg	100	54	03/17/20	03/19/20
Chlordane (Technical)	ND		ug/Kg	50	35	03/17/20	03/19/20
Surrogates				Limits			
TCMX	39%	*	%REC	50-150		03/17/20	03/19/20
Decachlorobiphenyl	45%		%REC	24-120		03/17/20	03/19/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862567	Batch: 243405
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC862567 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	36.58	49.02	ug/Kg	75%		45-150
beta-BHC	40.40	49.02	ug/Kg	82%		42-156
gamma-BHC	36.83	49.02	ug/Kg	75%		47-151
delta-BHC	37.56	49.02	ug/Kg	77%		37-161
Heptachlor	36.89	49.02	ug/Kg	75%		50-144
Aldrin	29.34	49.02	ug/Kg	60%		46-142
Heptachlor epoxide	36.36	49.02	ug/Kg	74%		48-145
Endosulfan I	38.85	49.02	ug/Kg	79%		47-141
Dieldrin	35.99	49.02	ug/Kg	73%		47-151
4,4'-DDE	34.96	49.02	ug/Kg	71%		44-163
Endrin	36.79	49.02	ug/Kg	75%		47-160
Endosulfan II	35.19	49.02	ug/Kg	72%		44-156
Endosulfan sulfate	34.08	49.02	ug/Kg	70%		43-157
4,4'-DDD	32.56	49.02	ug/Kg	66%		43-172
Endrin aldehyde	22.14	49.02	ug/Kg	45%		32-127
Endrin ketone	35.60	49.02	ug/Kg	73%		48-159
4,4'-DDT	34.13	49.02	ug/Kg	70%		40-158
Methoxychlor	36.78	49.02	ug/Kg	75%		36-182
Surrogates						
TCMX	28.08	49.02	ug/Kg	57%		50-150
Decachlorobiphenyl	28.95	49.02	ug/Kg	59%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC862568	Batch: 243405
Matrix (Source ID): Soil (425997-010)	Method: EPA 8081A	Prep Method: EPA 3546

QC862568 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	31.46	0	49.50	ug/Kg	64%		45-150	0.99
beta-BHC	36.95	0	49.50	ug/Kg	75%		42-156	0.99
gamma-BHC	30.64	0	49.50	ug/Kg	62%		47-151	0.99
delta-BHC	33.30	0	49.50	ug/Kg	67%		37-161	0.99
Heptachlor	32.03	0	49.50	ug/Kg	65%		50-144	0.99
Aldrin	33.08	0	49.50	ug/Kg	67%		46-142	0.99
Heptachlor epoxide	32.28	0	49.50	ug/Kg	65%		48-145	0.99
Endosulfan I	35.04	0	49.50	ug/Kg	71%	#	47-141	0.99
Dieldrin	33.50	0	49.50	ug/Kg	68%		47-151	0.99
4,4'-DDE	36.44	0	49.50	ug/Kg	74%	#	44-163	0.99
Endrin	37.71	0	49.50	ug/Kg	76%		47-160	0.99
Endosulfan II	35.88	0	49.50	ug/Kg	72%	#	44-156	0.99
Endosulfan sulfate	37.64	0	49.50	ug/Kg	76%	#	43-157	0.99
4,4'-DDD	35.67	0	49.50	ug/Kg	72%	#	43-172	0.99
Endrin aldehyde	29.14	0	49.50	ug/Kg	59%		32-127	0.99
Endrin ketone	39.95	0	49.50	ug/Kg	81%	#	48-159	0.99
4,4'-DDT	40.57	0	49.50	ug/Kg	82%		40-158	0.99
Methoxychlor	39.53	0	49.50	ug/Kg	80%		36-182	0.99
Surrogates								
TCMX	26.25		49.50	ug/Kg	53%		50-150	0.99
Decachlorobiphenyl	34.22		49.50	ug/Kg	69%		24-120	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC862569	Batch: 243405
Matrix (Source ID): Soil (425997-010)	Method: EPA 8081A	Prep Method: EPA 3546

QC862569 Analyte	Result	Source	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Sample						Result	RPD	
alpha-BHC	37.31	0	49.50	ug/Kg	75%		45-150	17	20	0.99
beta-BHC	46.24	0	49.50	ug/Kg	93%		42-156	22*	20	0.99
gamma-BHC	37.46	0	49.50	ug/Kg	76%		47-151	20	20	0.99
delta-BHC	41.07	0	49.50	ug/Kg	83%		37-161	21*	20	0.99
Heptachlor	38.42	0	49.50	ug/Kg	78%		50-144	18	20	0.99
Aldrin	39.49	0	49.50	ug/Kg	80%		46-142	18	20	0.99
Heptachlor epoxide	37.92	0	49.50	ug/Kg	77%		48-145	16	20	0.99
Endosulfan I	41.89	0	49.50	ug/Kg	85%	#	47-141	18	20	0.99
Dieldrin	41.82	0	49.50	ug/Kg	84%		47-151	22*	20	0.99
4,4'-DDE	43.92	0	49.50	ug/Kg	89%	#	44-163	19	20	0.99
Endrin	48.01	0	49.50	ug/Kg	97%		47-160	24*	20	0.99
Endosulfan II	44.25	0	49.50	ug/Kg	89%	#	44-156	21*	20	0.99
Endosulfan sulfate	45.11	0	49.50	ug/Kg	91%	#	43-157	18	20	0.99
4,4'-DDD	43.88	0	49.50	ug/Kg	89%	#	43-172	21*	20	0.99
Endrin aldehyde	37.23	0	49.50	ug/Kg	75%		32-127	24*	20	0.99
Endrin ketone	48.52	0	49.50	ug/Kg	98%	#	48-159	19	20	0.99
4,4'-DDT	48.51	0	49.50	ug/Kg	98%		40-158	18	20	0.99
Methoxychlor	47.70	0	49.50	ug/Kg	96%		36-182	19	20	0.99
Surrogates										
TCMX	31.02		49.50	ug/Kg	63%		50-150			0.99
Decachlorobiphenyl	40.62		49.50	ug/Kg	82%		24-120			0.99

Batch QC

Type: Blank	Lab ID: QC862538	Batch: 243397
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC862538 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
alpha-BHC	ND		ug/L	0.1	0.002	03/17/20	03/18/20
beta-BHC	ND		ug/L	0.1	0.003	03/17/20	03/18/20
gamma-BHC	ND		ug/L	0.1	0.002	03/17/20	03/18/20
delta-BHC	ND		ug/L	0.1	0.006	03/17/20	03/18/20
Heptachlor	ND		ug/L	0.1	0.003	03/17/20	03/18/20
Aldrin	ND		ug/L	0.1	0.007	03/17/20	03/18/20
Heptachlor epoxide	ND		ug/L	0.1	0.002	03/17/20	03/18/20
Endosulfan I	ND		ug/L	0.1	0.004	03/17/20	03/18/20
Dieldrin	ND		ug/L	0.1	0.006	03/17/20	03/18/20
4,4'-DDE	ND		ug/L	0.1	0.006	03/17/20	03/18/20
Endrin	ND		ug/L	0.1	0.008	03/17/20	03/18/20
Endosulfan II	ND		ug/L	0.1	0.01	03/17/20	03/18/20
Endosulfan sulfate	ND		ug/L	0.1	0.01	03/17/20	03/18/20
4,4'-DDD	ND		ug/L	0.1	0.01	03/17/20	03/18/20
Endrin aldehyde	ND		ug/L	0.1	0.009	03/17/20	03/18/20
Endrin ketone	ND		ug/L	0.1	0.01	03/17/20	03/18/20
4,4'-DDT	ND		ug/L	0.1	0.01	03/17/20	03/18/20
Methoxychlor	ND		ug/L	0.1	0.06	03/17/20	03/18/20
Toxaphene	ND		ug/L	2.0	0.5	03/17/20	03/18/20
Chlordane (Technical)	ND		ug/L	1.0	0.3	03/17/20	03/18/20
Surrogates				Limits			
TCMX	45%	*	%REC	50-150		03/17/20	03/18/20
Decachlorobiphenyl	61%		%REC	50-150		03/17/20	03/18/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862539	Batch: 243397
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC862539 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	0.3661	0.5000	ug/L	73%		55-122
beta-BHC	0.4165	0.5000	ug/L	83%		46-136
gamma-BHC	0.3793	0.5000	ug/L	76%		54-128
delta-BHC	0.4269	0.5000	ug/L	85%		53-124
Heptachlor	0.3900	0.5000	ug/L	78%		51-128
Aldrin	0.3056	0.5000	ug/L	61%		46-117
Heptachlor epoxide	0.3842	0.5000	ug/L	77%		51-122
Endosulfan I	0.4345	0.5000	ug/L	87%		54-122
Dieldrin	0.3979	0.5000	ug/L	80%		49-129
4,4'-DDE	0.3835	0.5000	ug/L	77%		48-133
Endrin	0.4281	0.5000	ug/L	86%		57-145
Endosulfan II	0.4145	0.5000	ug/L	83%		46-132
Endosulfan sulfate	0.4169	0.5000	ug/L	83%		52-129
4,4'-DDD	0.3941	0.5000	ug/L	79%		42-142
Endrin aldehyde	0.3248	0.5000	ug/L	65%		48-116
Endrin ketone	0.4120	0.5000	ug/L	82%		44-137
4,4'-DDT	0.4457	0.5000	ug/L	89%		40-143
Methoxychlor	0.4904	0.5000	ug/L	98%		52-158
Surrogates						
TCMX	0.2427	0.5000	ug/L	49%	*	50-150
Decachlorobiphenyl	0.3640	0.5000	ug/L	73%		50-150

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC862540	Batch: 243397
Matrix: Water	Method: EPA 8081A	Prep Method: EPA 3510C

QC862540 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
alpha-BHC	0.3814	0.5000	ug/L	76%		55-122	4	20
beta-BHC	0.4264	0.5000	ug/L	85%		46-136	2	20
gamma-BHC	0.3887	0.5000	ug/L	78%		54-128	2	20
delta-BHC	0.4220	0.5000	ug/L	84%		53-124	1	20
Heptachlor	0.3845	0.5000	ug/L	77%		51-128	1	20
Aldrin	0.2939	0.5000	ug/L	59%		46-117	4	20
Heptachlor epoxide	0.3695	0.5000	ug/L	74%		51-122	4	20
Endosulfan I	0.4069	0.5000	ug/L	81%		54-122	7	20
Dieldrin	0.3730	0.5000	ug/L	75%		49-129	6	20
4,4'-DDE	0.3572	0.5000	ug/L	71%		48-133	7	20
Endrin	0.3881	0.5000	ug/L	78%		57-145	10	20
Endosulfan II	0.3690	0.5000	ug/L	74%		46-132	12	20
Endosulfan sulfate	0.3527	0.5000	ug/L	71%		52-129	17	20
4,4'-DDD	0.3503	0.5000	ug/L	70%		42-142	12	20
Endrin aldehyde	0.2861	0.5000	ug/L	57%		48-116	13	20
Endrin ketone	0.3617	0.5000	ug/L	72%		44-137	13	20
4,4'-DDT	0.3774	0.5000	ug/L	75%		40-143	17	20
Methoxychlor	0.4513	0.5000	ug/L	90%		52-158	8	20
Surrogates								
TCMX	0.2465	0.5000	ug/L	49%	*	50-150		
Decachlorobiphenyl	0.3066	0.5000	ug/L	61%		50-150		

Type: Blank	Lab ID: QC862398	Batch: 243341
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC862398 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
TPH C10-C28	0.046	J	mg/L	0.20	0.040	03/16/20	03/17/20
TPH C28-C44	ND		mg/L	0.30	0.040	03/16/20	03/17/20
Surrogates				Limits			
n-Triacontane	88%		%REC	50-150		03/16/20	03/17/20

Batch QC

Type: Lab Control Sample	Lab ID: QC862399	Batch: 243341
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC862399 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	0.8033	1.000	mg/L	80%		53-115
Surrogates						
n-Triacontane	0.01555	0.02000	mg/L	78%		50-150

Type: Lab Control Sample Duplicate	Lab ID: QC862400	Batch: 243341
Matrix: Water	Method: EPA 8015B	Prep Method: EPA 3510C

QC862400 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
Diesel C10-C28	0.8339	1.000	mg/L	83%		53-115	4	20
Surrogates								
n-Triacontane	0.01559	0.02000	mg/L	78%		50-150		

- # CCV drift outside limits; average CCV drift within limits per method requirements
- * Value is outside QC limits
- J Estimated value
- ND Not Detected
- b See narrative



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Client:	Ninyo & Moore	Report date:	5/15/2019
Client Address:	475 Goddard Irvine, CA 92618	Jones Ref. No.:	D-1635
		Client Ref. No.:	210886001
Attn:	Patrick Cullip	Date Sampled:	5/14/2019
		Date Received:	5/14/2019
Project:	Compton High School PEA	Date Analyzed:	5/14/2019
Project Address:	601 S. Acacia Ave Compton, CA	Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of collection.

Approval:

Colby Wakeman
QA/QC Manager



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Ninyo & Moore
Client Address: 475 Goddard
Irvine, CA 92618

Report date: 5/15/2019
Jones Ref. No.: D-1635
Client Ref. No.: 210886001

Attn: Patrick Cullip

Date Sampled: 5/14/2019

Project: Compton High School PEA
Project Address: 601 S. Acacia Ave
Compton, CA

Date Received: 5/14/2019

Date Analyzed: 5/14/2019

Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV10- 19.5'	AOC4-SV11- 5'	AOC4-SV11- 15'	AOC4-SV12- 5'	AOC4-SV13- 5'		
<u>Jones ID:</u>	D-1635-01	D-1635-02	D-1635-03	D-1635-04	D-1635-05	<u>Reporting Limit</u>	<u>Units</u>
Analytes:							
Benzene	9	ND	ND	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	26600	133	15	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV10- 19.5'	AOC4-SV11- 5'	AOC4-SV11- 15'	AOC4-SV12- 5'	AOC4-SV13- 5'		
<u>Jones ID:</u>	D-1635-01	D-1635-02	D-1635-03	D-1635-04	D-1635-05	<u>Reporting Limit</u>	<u>Units</u>
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	29	11	83000	267	28	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	15200	46	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	1460	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	50800	221	22	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	ND	57	ND	12	44	8	µg/m3
Toluene	94	21	ND	63	21	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	23	ND	10700	70	10	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	4300	10	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	90	ND	ND	77	22	16	µg/m3
o-Xylene	28	ND	ND	23	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	25300	ND	6850000	11800	ND	2000	µg/m3
% Aliphatics	98.9%	ND	97.2%	92.2%	ND		
% Aromatics	1.1%	ND	2.80%	7.81%	ND		
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	125	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	118%	120%	109%	117%	116%	60 - 140	
Toluene-d8	94%	98%	92%	98%	95%	60 - 140	
4-Bromofluorobenzene	99%	98%	97%	96%	93%	60 - 140	
Batch ID:	D1-051419- 01	D1-051419- 01	D1-051419- 01	D1-051419- 01	D1-051419- 01		

ND = Value below reporting limit



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	Report date:	5/15/2019
Client Address:	475 Goddard Irvine, CA 92618	Jones Ref. No.:	D-1635
		Client Ref. No.:	210886001
Attn:	Patrick Cullip	Date Sampled:	5/14/2019
		Date Received:	5/14/2019
Project:	Compton High School PEA	Date Analyzed:	5/14/2019
Project Address:	601 S. Acacia Ave Compton, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV13- 5' REP	AOC3-B4-5'	AOC3-B4- 11'	AOC3-B5-5'	AOC3-B5- 12'		
<u>Jones ID:</u>	D-1635-06	D-1635-07	D-1635-08	D-1635-09	D-1635-10	<u>Reporting Limit</u>	<u>Units</u>
Analytes:							
Benzene	ND	ND	20	ND	ND	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	10	12	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	9	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV13-5' REP	AOC3-B4-5'	AOC3-B4-11'	AOC3-B5-5'	AOC3-B5-12'		
<u>Jones ID:</u>	D-1635-06	D-1635-07	D-1635-08	D-1635-09	D-1635-10	<u>Reporting Limit</u>	<u>Units</u>
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	18	83	24	ND	11	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	13	28	12	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	46	14	28	ND	ND	8	µg/m3
Toluene	28	189	79	ND	12	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	11	69	9	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	23	ND	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	27	296	41	ND	21	16	µg/m3
o-Xylene	8	88	14	ND	ND	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	3140	ND	4070	2000	µg/m3
% Aliphatics	ND	ND	93.7%	ND	98.9%		
% Aromatics	ND	ND	6.30%	ND	1.10%		
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
<u>Dilution Factor</u>	1	1	1	1	1		
<u>Surrogate Recoveries:</u>						<u>OC Limits</u>	
Dibromofluoromethane	112%	31%	116%	31%●	111%	60 - 140	
Toluene-d8	98%	94%	98%	94%	96%	60 - 140	
4-Bromofluorobenzene	99%	94%	94%	94%	96%	60 - 140	
<u>Batch ID:</u>	D1-051419-01	D1-051419-01	D1-051419-01	D1-051419-01	D1-051419-01		

ND = Value below reporting limit

● = High Hydrocarbon concentration in this sample prevented adequate surrogate recovery



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Ninyo & Moore
Client Address: 475 Goddard
Irvine, CA 92618

Report date: 5/15/2019
Jones Ref. No.: D-1635
Client Ref. No.: 210886001

Attn: Patrick Cullip
Project: Compton High School PEA
Project Address: 601 S. Acacia Ave
Compton, CA

Date Sampled: 5/14/2019
Date Received: 5/14/2019
Date Analyzed: 5/14/2019
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B5-12' REP	AOC2-B1-5'	AOC2-B1-5' REP	AOC2-B1-11'	AOC2-B2-7'	<u>Reporting Limit</u>	<u>Units</u>
<u>Jones ID:</u>	D-1635-11	D-1635-12	D-1635-13	D-1635-14	D-1635-15		
Analytes:							
Benzene	ND	ND	ND	20	113	8	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Chloroform	8	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B5-12' REP	AOC2-B1-5'	AOC2-B1-5' REP	AOC2-B1-11'	AOC2-B2-7'		
<u>Jones ID:</u>	D-1635-11	D-1635-12	D-1635-13	D-1635-14	D-1635-15	<u>Reporting Limit</u>	<u>Units</u>
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	9	22	18	18	71	8	µg/m3
Freon 113	ND	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	14	8	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	ND	ND	ND	8	µg/m3
Styrene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	ND	ND	ND	13	87	8	µg/m3
Toluene	ND	79	60	66	279	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	16	13	10	98	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	65	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	ND	74	54	40	258	16	µg/m3
o-Xylene	ND	22	16	14	110	8	µg/m3
MTBE	ND	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	2300	ND	ND	3650	109000	2000	µg/m3
% Aliphatics	98.8%	ND	ND	94.8%	98.7%		
% Aromatics	1.20%	ND	ND	5.20%	1.30%		
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	ND	80	µg/m3
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	110%	119%	120%	114%	98%	60 - 140	
Toluene-d8	96%	94%	95%	95%	91%	60 - 140	
4-Bromofluorobenzene	98%	94%	96%	93%	96%	60 - 140	
Batch ID:	D1-051419-01	D1-051419-01	D1-051419-01	D1-051419-01	D1-051419-01		

ND = Value below reporting limit



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client: Ninyo & Moore
Client Address: 475 Goddard
Irvine, CA 92618

Report date: 5/15/2019
Jones Ref. No.: D-1635
Client Ref. No.: 210886001

Attn: Patrick Cullip

Date Sampled: 5/14/2019

Project: Compton High School PEA
Project Address: 601 S. Acacia Ave
Compton, CA

Date Received: 5/14/2019

Date Analyzed: 5/14/2019

Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID: AOC3-B1-5' AOC3-B1-15'

Jones ID: D-1635-16 D-1635-17

Analytes:

	D-1635-16	D-1635-17	<u>Reporting Limit</u>	<u>Units</u>
Benzene	ND	93	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	8	12	µg/m3
sec-Butylbenzene	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	10	ND	8	µg/m3
2-Chlorotoluene	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B1-5'	AOC3-B1-15'		
<u>Jones ID:</u>	D-1635-16	D-1635-17	<u>Reporting Limit</u>	<u>Units</u>
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	226	8	µg/m3
Freon 113	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	24	µg/m3
Isopropylbenzene	ND	12	8	µg/m3
4-Isopropyltoluene	ND	ND	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	30	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	16	µg/m3
Tetrachloroethene	10	58	8	µg/m3
Toluene	ND	1010	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	108	8	µg/m3
1,3,5-Trimethylbenzene	ND	43	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	803	16	µg/m3
o-Xylene	ND	251	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	10000	2000	µg/m3
% Aliphatics	ND	74.2%		
% Aromatics	ND	25.8%		
Tracer:				
n-Pentane	ND	ND	80	µg/m3
n-Hexane	ND	ND	80	µg/m3
n-Heptane	ND	ND	80	µg/m3
Dilution Factor	1	1		
Surrogate Recoveries:			QC Limits	
Dibromofluoromethane	120%	111%	60 - 140	
Toluene-d8	96%	98%	60 - 140	
4-Bromofluorobenzene	97%	97%	60 - 140	
Batch ID:	D1-051419-01	D1-051419-01		

ND = Value below reporting limit



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore	Report date:	5/15/2019
Client Address:	475 Goddard Irvine, CA 92618	Jones Ref. No.:	D-1635
		Client Ref. No.:	210886001
Attn:	Patrick Cullip	Date Sampled:	5/14/2019
		Date Received:	5/14/2019
Project:	Compton High School PEA	Date Analyzed:	5/14/2019
Project Address:	601 S. Acacia Ave Compton, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD	SAMPLING		
	BLANK	BLANK		
<u>Jones ID:</u>	051419- D1MB1	051419- D1SB1	<u>Reporting Limit</u>	<u>Units</u>
Analytes:				
Benzene	ND	ND	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	10	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD	SAMPLING		
	BLANK	BLANK		
<u>Jones ID:</u>	051419- D1MB1	051419- D1SB1	<u>Reporting Limit</u>	<u>Units</u>
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	8	µg/m3
Freon 113	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	16	µg/m3
Tetrachloroethene	ND	ND	8	µg/m3
Toluene	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	16	µg/m3
o-Xylene	ND	ND	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	2000	µg/m3
% Aliphatics	ND	ND		
% Aromatics	ND	ND		
Tracer:				
n-Pentane	ND	ND	80	µg/m3
n-Hexane	ND	ND	80	µg/m3
n-Heptane	ND	ND	80	µg/m3
<u>Dilution Factor</u>	1	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>	
Dibromofluoromethane	116%	117%	60 - 140	
Toluene-d8	99%	98%	60 - 140	
4-Bromofluorobenzene	95%	96%	60 - 140	
<u>Batch ID:</u>	D1-051419- 01	D1-051419- 01		

ND = Value below reporting limit



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore	Report date:	5/15/2019
Client Address:	475 Goddard Irvine, CA 92618	Jones Ref. No.:	D-1635
		Client Ref. No.:	210886001
Attn:	Patrick Cullip	Date Sampled:	5/14/2019
		Date Received:	5/14/2019
Project:	Compton High School PEA	Date Analyzed:	5/14/2019
Project Address:	601 S. Acacia Ave Compton, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Batch ID:	D1-051419-01					
Jones ID:	051419-D1LCS1	051419-D1LCSD1			051419-D1CCV1	
<u>Parameter</u>	LCS Recovery (%)	LCSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)	<u>CCV</u>	Acceptability Range (%)
Vinyl chloride	126%	139%	10.1%	60 - 140	120%	80 - 120
1,1-Dichloroethene	121%	130%	7.5%	60 - 140	104%	80 - 120
Cis-1,2-Dichloroethene	116%	120%	3.3%	70 - 130	97%	80 - 120
1,1,1-Trichloroethane	120%	120%	0.5%	70 - 130	101%	80 - 120
Benzene	124%	124%	0.7%	70 - 130	109%	80 - 120
Trichloroethene	114%	116%	1.8%	70 - 130	108%	80 - 120
Toluene	125%	113%	9.4%	70 - 130	101%	80 - 120
Tetrachloroethene	127%	104%	19.5%	70 - 130	99%	80 - 120
Chlorobenzene	115%	105%	8.7%	70 - 130	100%	80 - 120
Ethylbenzene	122%	110%	10.2%	70 - 130	100%	80 - 120
1,2,4 Trimethylbenzene	102%	100%	2.0%	70 - 130	95%	80 - 120
Gasoline Range Organics (C4-C12)	118%	112%	5.3%	70 - 130	101%	80 - 120
<u>Surrogate Recovery:</u>						
Dibromofluoromethane	112%	112%		60 - 140	69%	60 - 140
Toluene-ds	110%	94%		60 - 140	100%	60 - 140
4-Bromofluorobenzene	95%	97%		60 - 140	102%	60 - 140

LCS = Laboratory Control Sample
 LCSD = Laboratory Control Sample Duplicate
 CCV = Continuing Calibration Verification
 RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%



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Soil-Gas Chain-of-Custody Record

Client
Ninyo & Moore

Project Name
Compton High School PEA

Project Address
601 S. Acacia Ave

Compton, CA

Email

Phone

Date
5/14/2019

Client Project #
210886001

Purge Number:
 1P 3P 7P 10P

Report Options
 EDD _____
 EDF* - 10% Surcharge _____

Shut-In Test: Y / N

*Global ID _____

LAB USE ONLY

Jones Project #

D-1635

Page

1 of 2

Sample Container:

GASTIGHT GLASS SYRINGE

If different than above, see Notes.

Turn Around Requested

- Immediate Attention
- Rush 24 Hours
- Rush 48 Hours
- Rush 72 Hours
- Normal
- Mobile Lab

Tracer

- n-pentane
- n-hexane
- n-heptane
- Isopropyl Alcohol
- 1,1-DFA
- _____

Analysis Requested

Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	8	1
SG	X	X	10	1
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	8	1
SG	X	X	<2	1
SG	X	X	8	1

Reporting Limits

- Standard
- Low Level*
- MDL*
- Units: **ug/m³**
- *surcharge for these limits

Report To
Patrick Cullip

Sampler
Casey Ellis

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers	Notes & Special Instructions
AOC4-SV10-19.5'	3	1550	5/14/19	8:10	8:13	D-1635-01	200	ANNALISE.2	118040	SG	X	X	<2	1	
AOC4-SV11-5'	3	1310	5/14/19	8:30	8:31	D-1635-02	200	STEVE.2	118011	SG	X	X	<2	1	
AOC4-SV11-15'	3	1470	5/14/19	8:47	8:48	D-1635-03	200	ANNALISE.2	118003	SG	X	X	8	1	
AOC4-SV12-5'	3	1310	5/14/19	9:06	9:07	D-1635-04	200	STEVE.2	118040	SG	X	X	10	1	
AOC4-SV13-5'	3	1,310	5/14/19	9:42	9:43	D-1635-05	200	STEVE.2	118011	SG	X	X	<2	1	
AOC4-SV13-5' REP	3	1,310	5/14/19	10:17	10:18	D-1635-06	200	STEVE.2	118011	SG	X	X	<2	1	
AOC3-B4-5'	3	1,310	5/14/19	11:25	11:37	D-1635-07	200	STEVE.2	118011	SG	X	X	<2	1	
AOC3-B4-11'	3	1,410	5/14/19	11:20	11:21	D-1635-08	200	ANNALISE.2	118003	SG	X	X	8	1	
AOC3-B5-5'	3	1310	5/14/19	12:28	12:30	D-1635-09	200	STEVE.2	M100.102	SG	X	X	<2	1	
AOC3-B5-12'	3	1420	5/14/19	11:50	11:54	D-1635-10	200	ANNALISE.2	118011	SG	X	X	8	1	

Representative Signature

Printed Name
 AUDREY CARROLL

Laboratory Signature

Printed Name
 CASEY ELLIS

10 Total Number of Containers

Company
 NINYO & MOORE

Date 5/14/2019 **Time** 1530

Company
 JONES ENVIRONMENTAL, INC.

Date 5/14/2019 **Time** 1530

Representative Signature

Printed Name

Laboratory Signature

Printed Name

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.

Company

Date **Time**

Company

Date **Time**



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Soil-Gas Chain-of-Custody Record

Client
Ninyo & Moore

Project Name
Compton High School PEA

Project Address
601 S. Acacia Ave

Compton, CA

Email

Phone

Report To
Patrick Cullip

Sampler
Casey Ellis

Date
 5/14/2019

Purge Number:
 1P 3P 7P 10P

Report Options
 EDD _____
 EDF* - 10% Surcharge _____

Client Project #
 210886001

Shut-In Test: Y / N

***Global ID** _____

Turn Around Requested
 Immediate Attention
 Rush 24 Hours
 Rush 48 Hours
 Rush 72 Hours
 Normal
 Mobile Lab

Tracer
 n-pentane
 n-hexane
 n-heptane
 Isopropyl Alcohol
 1,1-DFA

Analysis Requested

Reporting Limits
 Standard Low Level* MDL*
 *surcharge for these limits

Units
 ug/m³

LAB USE ONLY

Jones Project #
D-1635

Page
 2 of 2

Sample Container:
 GASTIGHT GLASS SYRINGE
 if different than above, see Notes.

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers	Notes & Special Instructions
AOC3-B5-12' REP	3	1420	5/14/19	12:10	12:12	D-1635-11	200	ANNALISE.2	118011	SG	X	X	8	1	
AOC2-B1-5'	3	1310	5/14/19	13:02	13:03	D-1635-12	200	STEVE.2	118003	SG	X	X	<2	1	
AOC2-B1-5' REP	3	1310	5/14/19	13:57	13:58	D-1635-13	200	STEVE.2	118003	SG	X	X	<2	1	
AOC2-B1-11'	3	1410	5/14/19	12:46	12:47	D-1635-14	200	ANNALISE.2	M100.102	SG	X	X	22	1	
AOC2-B2-7'	3	1,340	5/14/19	13:32	13:39	D-1635-15	200	ANNALISE.2	118011	SG	X	X	60	1	LOW FLOW
AOC3-B1-5'	3	1,310	5/14/19	14:18	14:19	D-1635-16	200	STEVE.2	M100.102	SG	X	X	<2	1	
AOC3-B1-15'	3	1470	5/14/19	14:34	14:35	D-1635-17	200	ANNALISE.2	118040	SG	X	X	6	1	
SV11-15' DIL	3	1470	5/14/19	9:22	9:24	-	200	ANNALISE.2	118003	SG	X	X	4	1	

Representative Signature <i>Audrey Carroll</i>	Printed Name AUDREY CARROLL	Laboratory Signature <i>Casey Ellis</i>	Printed Name CASEY ELLIS	8	Total Number of Containers
Company NINYO & MOORE	Date 5/14/2019	Time 1530	Company JONES ENVIRONMENTAL, INC.	Date 5/14/2019	Time 1530
Representative Signature	Printed Name	Laboratory Signature	Printed Name	Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.	
Company	Date	Time	Company	Date	Time



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	Report date:	9/23/2019
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	Jones Ref. No.:	E-1046
Attn:	Patrick Cullip	Date Sampled:	9/17/2019
Project:	Compton High School	Date Received:	9/17/2019
Project Address:	601 S Acacia Ave Compton, CA 90220	Date Analyzed:	9/17/2019
		Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.


The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval: _____


Annalise O'Toole



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JONES ENVIRONMENTAL LABORATORY RESULTS

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

Report date: 9/23/2019
Jones Ref. No.: E-1046

Attn: Patrick Cullip
Project: Compton High School
Project Address: 601 S Acacia Ave
Compton, CA 90220

Date Sampled: 9/17/2019
Date Received: 9/17/2019
Date Analyzed: 9/17/2019
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B1N- 5'	AOC3-B1N- 5' REP	AOC3-B1N- 15'	AOC3-B1E- 5'	AOC3-B1E- 15'	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µm/m3)
<u>Jones ID:</u>	E-1046-01	E-1046-02	E-1046-03	E-1046-04	E-1046-05		
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	5
Bromobenzene	ND	ND	ND	ND	ND	8	4
Bromodichloromethane	ND	ND	ND	ND	ND	8	4
Bromoform	ND	ND	ND	ND	ND	8	7
n-Butylbenzene	ND	ND	ND	ND	ND	12	5
sec-Butylbenzene	ND	ND	ND	ND	ND	12	6
tert-Butylbenzene	ND	ND	ND	ND	ND	12	6
Carbon tetrachloride	ND	ND	ND	ND	ND	8	5
Chlorobenzene	ND	ND	ND	ND	ND	8	5
Chloroform	49	56	15	17	10	8	4
2-Chlorotoluene	ND	ND	ND	ND	ND	12	5
4-Chlorotoluene	ND	ND	ND	ND	ND	12	5
Dibromochloromethane	ND	ND	ND	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	4
Dibromomethane	ND	ND	ND	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	5
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	5
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	5
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	14
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	4

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B1N- 5'	AOC3-B1N- 5' REP	AOC3-B1N- 15'	AOC3-B1E- 5'	AOC3-B1E- 15'		
<u>Jones ID:</u>	E-1046-01	E-1046-02	E-1046-03	E-1046-04	E-1046-05	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µm/m3)
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
Ethylbenzene	ND	ND	ND	ND	ND	8	5
Freon 113	ND	ND	ND	ND	ND	16	3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	7
Isopropylbenzene	ND	ND	ND	ND	ND	8	6
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	5
Methylene chloride	ND	ND	ND	ND	ND	8	5
Naphthalene	ND	ND	ND	ND	ND	40	17
n-Propylbenzene	ND	ND	ND	ND	ND	8	5
Styrene	ND	ND	ND	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	15
Tetrachloroethene	ND	ND	ND	ND	ND	8	5
Toluene	ND	ND	ND	ND	ND	8	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	4
Trichloroethene	ND	ND	ND	ND	ND	8	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	8
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	8
Vinyl chloride	ND	ND	ND	ND	ND	8	4
m,p-Xylene	ND	ND	ND	ND	ND	16	10
o-Xylene	ND	ND	ND	ND	ND	8	5
MTBE	ND	ND	ND	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	6
Di-isopropylether	ND	ND	ND	ND	ND	40	6
tert-amylmethylether	ND	ND	ND	ND	ND	40	5
tert-Butylalcohol	ND	ND	ND	ND	ND	400	263
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	2000	
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	
n-Hexane	ND	ND	ND	ND	ND	80	
n-Heptane	ND	ND	ND	ND	ND	80	
<u>Dilution Factor</u>	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	122%	121%	118%	117%	121%	60 - 140	
Toluene-d ₈	95%	97%	98%	98%	99%	60 - 140	
4-Bromofluorobenzene	105%	105%	106%	105%	106%	60 - 140	
<u>Batch ID:</u>	E2-091719- 01	E2-091719- 01	E2-091719- 01	E2-091719- 01	E2-091719- 01		

ND = Value below MDL



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JONES ENVIRONMENTAL LABORATORY RESULTS

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

Report date: 9/23/2019
Jones Ref. No.: E-1046

Attn: Patrick Cullip
Project: Compton High School
Project Address: 601 S Acacia Ave
Compton, CA 90220

Date Sampled: 9/17/2019
Date Received: 9/17/2019
Date Analyzed: 9/17/2019
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B2N- 5'	AOC3-B2N- 15'	AOC3-B2E- 5'	AOC3-B2E- 15'	AOC3-B2S- 5'	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µm/m3)
<u>Jones ID:</u>	E-1046-06	E-1046-07	E-1046-08	E-1046-09	E-1046-10		
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	5
Bromobenzene	ND	ND	ND	ND	ND	8	4
Bromodichloromethane	ND	ND	ND	ND	ND	8	4
Bromoform	ND	ND	ND	ND	ND	8	7
n-Butylbenzene	ND	ND	ND	ND	ND	12	5
sec-Butylbenzene	ND	ND	ND	ND	ND	12	6
tert-Butylbenzene	ND	ND	ND	ND	ND	12	6
Carbon tetrachloride	ND	ND	ND	ND	ND	8	5
Chlorobenzene	ND	ND	ND	ND	ND	8	5
Chloroform	11	ND	23	ND	ND	8	4
2-Chlorotoluene	ND	ND	ND	ND	ND	12	5
4-Chlorotoluene	ND	ND	ND	ND	ND	12	5
Dibromochloromethane	ND	ND	ND	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	4
Dibromomethane	ND	ND	ND	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	5
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	5
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	5
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	14
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	4

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B2N- 5'	AOC3-B2N- 15'	AOC3-B2E- 5'	AOC3-B2E- 15'	AOC3-B2S- 5'		
<u>Jones ID:</u>	E-1046-06	E-1046-07	E-1046-08	E-1046-09	E-1046-10	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µm/m3)
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
Ethylbenzene	ND	ND	ND	ND	ND	8	5
Freon 113	ND	ND	ND	ND	ND	16	3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	7
Isopropylbenzene	ND	ND	ND	ND	ND	8	6
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	5
Methylene chloride	ND	ND	ND	ND	ND	8	5
Naphthalene	ND	ND	ND	ND	ND	40	17
n-Propylbenzene	ND	ND	ND	ND	ND	8	5
Styrene	ND	ND	ND	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	15
Tetrachloroethene	ND	ND	ND	ND	ND	8	5
Toluene	10	ND	ND	ND	ND	8	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	4
Trichloroethene	ND	ND	ND	ND	ND	8	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	8
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	8
Vinyl chloride	ND	ND	ND	ND	ND	8	4
m,p-Xylene	ND	ND	ND	ND	ND	16	10
o-Xylene	ND	ND	ND	ND	ND	8	5
MTBE	ND	ND	ND	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	6
Di-isopropylether	ND	ND	ND	ND	ND	40	6
tert-amylmethylether	ND	ND	ND	ND	ND	40	5
tert-Butylalcohol	ND	ND	ND	ND	ND	400	263
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	2000	
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	
n-Hexane	ND	ND	ND	ND	ND	80	
n-Heptane	ND	ND	ND	ND	ND	80	
<u>Dilution Factor</u>	1	1	1	1	1		
<u>Surrogate Recoveries:</u>						<u>QC Limits</u>	
Dibromofluoromethane	119%	121%	117%	121%	118%	60 - 140	
Toluene-d ₈	97%	100%	98%	99%	99%	60 - 140	
4-Bromofluorobenzene	106%	106%	107%	106%	105%	60 - 140	
<u>Batch ID:</u>	E2-091719- 01	E2-091719- 01	E2-091719- 01	E2-091719- 01	E2-091719- 01		

ND = Value below MDL



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	Report date:	9/23/2019
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	Jones Ref. No.:	E-1046
Attn:	Patrick Cullip	Date Sampled:	9/17/2019
Project:	Compton High School	Date Received:	9/17/2019
Project Address:	601 S Acacia Ave Compton, CA 90220	Date Analyzed:	9/17/2019
		Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B2S- 15'	AOC3-B3N- 5'	AOC3-B3E- 5'	AOC3-B3S- 5'	AOC2-B2E- 5'	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µm/m3)
<u>Jones ID:</u>	E-1046-11	E-1046-12	E-1046-13	E-1046-14	E-1046-15		
Analytes:							
Benzene	ND	ND	ND	ND	1480	8	5
Bromobenzene	ND	ND	ND	ND	ND	8	4
Bromodichloromethane	ND	ND	ND	ND	ND	8	4
Bromoform	ND	ND	ND	ND	ND	8	7
n-Butylbenzene	ND	ND	ND	ND	ND	12	5
sec-Butylbenzene	ND	ND	ND	ND	ND	12	6
tert-Butylbenzene	ND	ND	ND	ND	ND	12	6
Carbon tetrachloride	ND	ND	ND	ND	ND	8	5
Chlorobenzene	ND	ND	ND	ND	ND	8	5
Chloroform	4J	15	7J	9	ND	8	4
2-Chlorotoluene	ND	ND	ND	ND	ND	12	5
4-Chlorotoluene	ND	ND	ND	ND	ND	12	5
Dibromochloromethane	ND	ND	ND	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	4
Dibromomethane	ND	ND	ND	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	5
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	5
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	5
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	14
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	4

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B2S- 15'	AOC3-B3N- 5'	AOC3-B3E- 5'	AOC3-B3S- 5'	AOC2-B2E- 5'		
<u>Jones ID:</u>	E-1046-11	E-1046-12	E-1046-13	E-1046-14	E-1046-15	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µm/m3)
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
Ethylbenzene	ND	ND	ND	ND	285	8	5
Freon 113	ND	ND	ND	ND	ND	16	3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	7
Isopropylbenzene	ND	ND	ND	ND	ND	8	6
4-Isopropyltoluene	ND	ND	ND	ND	181	8	5
Methylene chloride	ND	ND	ND	ND	ND	8	5
Naphthalene	ND	ND	ND	ND	ND	40	17
n-Propylbenzene	ND	ND	ND	ND	ND	8	5
Styrene	ND	ND	ND	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	15
Tetrachloroethene	16	ND	ND	ND	ND	8	5
Toluene	ND	ND	ND	ND	278	8	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	4
Trichloroethene	ND	ND	ND	ND	ND	8	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	8
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	8	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	8
Vinyl chloride	ND	ND	ND	ND	ND	8	4
m,p-Xylene	ND	ND	ND	ND	537	16	10
o-Xylene	ND	ND	ND	ND	210	8	5
MTBE	ND	ND	ND	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	6
Di-isopropylether	ND	ND	ND	ND	ND	40	6
tert-amylmethylether	ND	ND	ND	ND	ND	40	5
tert-Butylalcohol	ND	ND	ND	ND	ND	400	263
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	334000	2000	5
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	5
n-Hexane	ND	ND	ND	ND	ND	80	5
n-Heptane	ND	ND	ND	ND	ND	80	5
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	120%	120%	118%	118%	41% @	60 - 140	
Toluene-d ₈	100%	99%	98%	100%	105%	60 - 140	
4-Bromofluorobenzene	107%	107%	106%	105%	109%	60 - 140	
Batch ID:	E2-091719- 01	E2-091719- 01	E2-091719- 01	E2-091719- 01	E2-091719- 01		

ND = Value below MDL

J = Value below reporting limit but above MDL



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JONES ENVIRONMENTAL LABORATORY RESULTS

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

Report date: 9/23/2019
Jones Ref. No.: E-1046

Attn: Patrick Cullip
Project: Compton High School
Project Address: 601 S Acacia Ave
Compton, CA 90220

Date Sampled: 9/17/2019
Date Received: 9/17/2019
Date Analyzed: 9/17/2019
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID: AOC2-B2E-
5' REP

Jones ID: E-1046-16

Analytes:		Reporting Limit (µg/m3)	MDL (µm/m3)
Benzene	1190	8	5
Bromobenzene	ND	8	4
Bromodichloromethane	ND	8	4
Bromoform	ND	8	7
n-Butylbenzene	ND	12	5
sec-Butylbenzene	ND	12	6
tert-Butylbenzene	ND	12	6
Carbon tetrachloride	ND	8	5
Chlorobenzene	ND	8	5
Chloroform	ND	8	4
2-Chlorotoluene	ND	12	5
4-Chlorotoluene	ND	12	5
Dibromochloromethane	ND	8	8
1,2-Dibromo-3-chloropropane	ND	8	6
1,2-Dibromoethane (EDB)	ND	8	4
Dibromomethane	ND	8	8
1,2- Dichlorobenzene	ND	16	7
1,3-Dichlorobenzene	ND	16	5
1,4-Dichlorobenzene	ND	16	5
Dichlorodifluoromethane	ND	8	3
1,1-Dichloroethane	ND	8	5
1,2-Dichloroethane	ND	8	5
1,1-Dichloroethene	ND	8	5
cis-1,2-Dichloroethene	ND	8	4
trans-1,2-Dichloroethene	ND	8	5
1,2-Dichloropropane	ND	8	5
1,3-Dichloropropane	ND	8	5
2,2-Dichloropropane	ND	16	14
1,1-Dichloropropene	ND	10	4

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC2-B2E- 5' REP		
<u>Jones ID:</u>	E-1046-16	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µm/m3)
Analytes:			
cis-1,3-Dichloropropene	ND	8	4
trans-1,3-Dichloropropene	ND	8	4
Ethylbenzene	207	8	5
Freon 113	ND	16	3
Hexachlorobutadiene	ND	24	7
Isopropylbenzene	ND	8	6
4-Isopropyltoluene	168	8	5
Methylene chloride	ND	8	5
Naphthalene	ND	40	17
n-Propylbenzene	ND	8	5
Styrene	ND	8	4
1,1,1,2-Tetrachloroethane	ND	8	5
1,1,2,2-Tetrachloroethane	ND	16	15
Tetrachloroethene	ND	8	5
Toluene	220	8	5
1,2,3-Trichlorobenzene	ND	16	11
1,2,4-Trichlorobenzene	ND	16	7
1,1,1-Trichloroethane	ND	8	4
1,1,2-Trichloroethane	ND	8	4
Trichloroethene	ND	8	5
Trichlorofluoromethane	ND	16	5
1,2,3-Trichloropropane	ND	8	8
1,2,4-Trimethylbenzene	ND	8	5
1,3,5-Trimethylbenzene	ND	8	8
Vinyl chloride	ND	8	4
m,p-Xylene	432	16	10
o-Xylene	176	8	5
MTBE	ND	40	4
Ethyl-tert-butylether	ND	40	6
Di-isopropylether	ND	40	6
tert-amylmethylether	ND	40	5
tert-Butylalcohol	ND	400	263
Gasoline Range Organics (C4-C12)	355000	2000	
<u>Tracer:</u>			
n-Pentane	ND	80	
n-Hexane	ND	80	
n-Heptane	ND	80	
<u>Dilution Factor</u>	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>
Dibromofluoromethane	38% @		60 - 140
Toluene-d ₈	104%		60 - 140
4-Bromofluorobenzene	108%		60 - 140
<u>Batch ID:</u>	E2-091719- 01		

ND = Value below MDL



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

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

Report date: 9/23/2019
Jones Ref. No.: E-1046

Attn: Patrick Cullip
Project: Compton High School
Project Address: 601 S Acacia Ave
Compton, CA 90220

Date Sampled: 9/17/2019
Date Received: 9/17/2019
Date Analyzed: 9/17/2019
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK	<u>Reporting Limit</u> <u>(µg/m3)</u>	<u>Units</u>
<u>Jones ID:</u>	091719- E2MB1	091719- E2SB1		
Analytes:				
Benzene	ND	ND	8	5
Bromobenzene	ND	ND	8	5
Bromodichloromethane	ND	ND	8	5
Bromoform	ND	ND	8	5
n-Butylbenzene	ND	ND	12	5
sec-Butylbenzene	ND	ND	12	5
tert-Butylbenzene	ND	ND	12	5
Carbon tetrachloride	ND	ND	8	5
Chlorobenzene	ND	ND	8	5
Chloroform	ND	ND	8	5
2-Chlorotoluene	ND	ND	12	5
4-Chlorotoluene	ND	ND	12	5
Dibromochloromethane	ND	ND	8	5
1,2-Dibromo-3-chloropropane	ND	ND	8	5
1,2-Dibromoethane (EDB)	ND	ND	8	5
Dibromomethane	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	16	5
1,3-Dichlorobenzene	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	8	5
1,1-Dichloroethane	ND	ND	8	5
1,2-Dichloroethane	ND	ND	8	5
1,1-Dichloroethene	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	8	5
trans-1,2-Dichloroethene	ND	ND	8	5
1,2-Dichloropropane	ND	ND	8	5
1,3-Dichloropropane	ND	ND	8	5
2,2-Dichloropropane	ND	ND	16	5
1,1-Dichloropropene	ND	ND	10	5

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>Jones ID:</u>	091719- E2MB1	091719- E2SB1	<u>Reporting Limit</u> ($\mu\text{g}/\text{m}^3$)	<u>Units</u>
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	5
trans-1,3-Dichloropropene	ND	ND	8	5
Ethylbenzene	ND	ND	8	5
Freon 113	ND	ND	16	5
Hexachlorobutadiene	ND	ND	24	5
Isopropylbenzene	ND	ND	8	5
4-Isopropyltoluene	ND	ND	8	5
Methylene chloride	ND	ND	8	5
Naphthalene	ND	ND	40	5
n-Propylbenzene	ND	ND	8	5
Styrene	ND	ND	8	5
1,1,1,2-Tetrachloroethane	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	16	5
Tetrachloroethene	ND	ND	8	5
Toluene	ND	ND	8	5
1,2,3-Trichlorobenzene	ND	ND	16	5
1,2,4-Trichlorobenzene	ND	ND	16	5
1,1,1-Trichloroethane	ND	ND	8	5
1,1,2-Trichloroethane	ND	ND	8	5
Trichloroethene	ND	ND	8	5
Trichlorofluoromethane	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	8	5
1,2,4-Trimethylbenzene	ND	ND	8	5
1,3,5-Trimethylbenzene	ND	ND	8	5
Vinyl chloride	ND	ND	8	5
m,p-Xylene	ND	ND	16	5
o-Xylene	ND	ND	8	5
MTBE	ND	ND	40	5
Ethyl-tert-butylether	ND	ND	40	5
Di-isopropylether	ND	ND	40	5
tert-amylmethylether	ND	ND	40	5
tert-Butylalcohol	ND	ND	400	5
Gasoline Range Organics (C4-C12)	ND	ND	2000	5
Tracer:				
n-Pentane	ND	ND	80	5
n-Hexane	ND	ND	80	5
n-Heptane	ND	ND	80	5
<u>Dilution Factor</u>	1	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>	
Dibromofluoromethane	117%	124%	60 - 140	
Toluene-d ₈	99%	99%	60 - 140	
4-Bromofluorobenzene	106%	104%	60 - 140	
<u>Batch ID:</u>	E2-091719- 01	E2-091719- 01		

ND = Value below MDL



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Soil-Gas Chain-of-Custody Record

LAB USE ONLY
Jones Project #
E-1046

Date 9/17/2019
Client Project #
Purge Number: 1P 3P 7P 10P
Report Options: EDD _____ EDF* - 10% Surcharge _____
Shut-In Test: Y / N
 *Global ID _____

Project Address
601 S Acacia Ave
Compton, CA 90220
Email
Phone

Turn Around Requested
 Immediate Attention
 Rush 24 Hours
 Rush 48 Hours
 Rush 72 Hours
 Normal
 Mobile Lab
Reporting Limits
 Standard Low Level* MDL*
 *surcharge for these limits

Tracer
 n-pentane
 n-hexane
 n-heptane
 Isopropyl Alcohol
 1,1-DFA

Analysis Requested
 EPA 8260B (VOCs) _____
 Gasoline Range Organics _____
 Magnehelic Vacuum (In/H₂O) _____
 Number of Containers _____

Laboratory Sample ID	Purge Rate (mL/min)	Purge Used	Magnehelic	Sample Matrix:		Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers
				Laboratory Sample ID	Units					
E-1046-01	200	JACKSON.1	118007		SG	X	<2	1		
E-1046-02	200	JACKSON.1	118007		SG	X	<2	1		
E-1046-03	200	STEVE.1	M100.003		SG	X	20	1		
E-1046-04	200	JACKSON.1	118011		SG	X	40	1		
E-1046-05	200	STEVE.1	M100.003		SG	X	<2	1		
E-1046-06	200	JACKSON.1	118007		SG	X	<2	1		
E-1046-07	200	STEVE.1	118011		SG	X	30	1		
E-1046-08	200	JACKSON.1	M100.003		SG	X	<2	1		
E-1046-09	200	STEVE.1	118007		SG	X	46	1	LOW FLOW	
E-1046-10	200	JACKSON.1	118011		SG	X	<2	1		

Sampler				Jackson Nestor			
Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Printed Name	Date
AOC3-B1N-5'	3	1310	9/17/19	8:53	8:54	Andrey Carroll	1438
AOC3-B1N-5' REP	3	1310	9/17/19	9:29	9:30		
AOC3-B1N-15'	3	1470	9/17/19	9:06	9:10		
AOC3-B1E-5'	3	1310	9/17/19	9:43	9:47		
AOC3-B1E-15'	3	1470	9/17/19	10:02	10:04		
AOC3-B2N-5'	3	1310	9/17/19	10:20	10:22		
AOC3-B2N-15'	3	1470	9/17/19	10:39	10:41		
AOC3-B2E-5'	3	1310	9/17/19	10:55	10:58		
AOC3-B2E-15'	3	1470	9/17/19	11:15	11:18		
AOC3-B2S-5'	3	1310	9/17/19	11:33	11:35		

Notes & Special Instructions

Sample Container:
 GASTIGHT GLASS SYRINGE
 If different than above, see Notes.

Printed Name: Jackson Nestor
Date: 9/17/2019
Time: 1440
Printed Name: N & M
Date: 9/17/2019
Time: 1438
Company: JONES ENVIRONMENTAL, INC.

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.



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Soil-Gas Chain-of-Custody Record

LAB USE ONLY
Jones Project # **E-1046**

Date **9/17/2019**
Client Project # _____
Purge Number: 1P 3P 7P 10P
Report Options: EDD _____ EDF* - 10% Surcharge _____
Shut-In Test: Y / N
*Global ID _____

Page **2** of **2**
Sample Container: **GASTIGHT GLASS SYRINGE**
If different than above, see Notes.

Turn Around Requested
 Immediate Attention
 Rush 24 Hours
 Rush 48 Hours
 Rush 72 Hours
 Normal
 Mobile Lab
 Reporting Limits
 Standard Low Level* MDL*
*surcharge for these limits
 Tracer
 n-pentane
 n-hexane
 n-heptane
 Isopropyl Alcohol
 1,1-DFA

Sample ID	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time
AOC3-B2S-15'	3	9/17/19	11:47	11:53
AOC3-B3N-5'	3	9/17/19	12:09	12:11
AOC3-B3E-5'	3	9/17/19	12:27	12:29
AOC3-B3S-5'	3	9/17/19	12:40	12:46
AOC2-B2E-5'	3	9/17/19	13:03	13:06
AOC2-B2E-5' REP	3	9/17/19	13:20	13:23

Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Units
E-1046-11	200	STEVE.1	M100.003	
E-1046-12	200	JACKSON.1	118007	
E-1046-13	200	STEVE.1	118011	
E-1046-14	200	JACKSON.1	M100.003	
E-1046-15	200	JACKSON.1	M100.003	
E-1046-16	200	JACKSON.1	M100.003	

Sample Matrix:	Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers	Notes & Special Instructions
	SG	X		62	1	LOW FLOW
	SG	X		<2	1	
	SG	X		<2	1	
	SG	X		<2	1	
	SG	X		38	1	LOW FLOW
	SG	X		32	1	LOW FLOW

Printed Name: Jackson Nestor
 Date: 9/17/2019
 Laboratory Signature: [Signature]
 Company: JONES ENVIRONMENTAL, INC.
 Printed Name: Audrey Carroll
 Date: 9/17/2019
 Laboratory Signature: [Signature]
 Company: JONES ENVIRONMENTAL, INC.
 Total Number of Containers: 6

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	Report date:	9/23/2019
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	Jones Ref. No.:	E-1047
Attn:	Audrey Carroll	Date Sampled:	9/18/2019
		Date Received:	9/18/2019
		Date Analyzed:	9/18/2019
Project Address:	601 S Acacia Ave Compton, CA 90220	Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval:

Colby Wakeman
QA/QC Manager



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JONES ENVIRONMENTAL LABORATORY RESULTS

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

Report date: 9/23/2019
Jones Ref. No.: E-1047

Attn: Audrey Carroll

Date Sampled: 9/18/2019
Date Received: 9/18/2019
Date Analyzed: 9/18/2019
Physical State: Soil Gas

Project Address: 601 S Acacia Ave
 Compton, CA 90220

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV10N-5'	AOC4-SV10N-5' REP	AOC4-SV10N-15'	AOC4-SV10W-5'	AOC4-SV10W-15'	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
<u>Jones ID:</u>	E-1047-01	E-1047-02	E-1047-03	E-1047-04	E-1047-05		
Analytes:							
Benzene	ND	ND	ND	ND	12	8	5
Bromobenzene	ND	ND	ND	ND	ND	8	4
Bromodichloromethane	ND	ND	ND	ND	ND	8	4
Bromoform	ND	ND	ND	ND	ND	8	7
n-Butylbenzene	ND	ND	ND	ND	ND	12	5
sec-Butylbenzene	ND	ND	ND	ND	ND	12	6
tert-Butylbenzene	ND	ND	ND	ND	ND	12	6
Carbon tetrachloride	ND	ND	ND	ND	ND	8	5
Chlorobenzene	ND	ND	ND	ND	ND	8	5
Chloroform	ND	ND	ND	ND	ND	8	4
2-Chlorotoluene	ND	ND	ND	ND	ND	12	5
4-Chlorotoluene	ND	ND	ND	ND	ND	12	5
Dibromochloromethane	ND	ND	ND	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	4
Dibromomethane	ND	ND	ND	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	5
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	5
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	5
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	14
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	4

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV10N-5'	AOC4-SV10N-5' REP	AOC4-SV10N-15'	AOC4-SV10W-5'	AOC4-SV10W-15'		
<u>Jones ID:</u>	E-1047-01	E-1047-02	E-1047-03	E-1047-04	E-1047-05	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
Ethylbenzene	ND	ND	ND	ND	ND	8	5
Freon 113	ND	ND	ND	ND	ND	16	3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	7
Isopropylbenzene	ND	ND	ND	ND	ND	8	6
4-Isopropyltoluene	ND	ND	ND	ND	8	8	5
Methylene chloride	ND	ND	ND	ND	ND	8	5
Naphthalene	ND	ND	ND	ND	ND	40	17
n-Propylbenzene	ND	ND	ND	ND	ND	8	5
Styrene	ND	ND	ND	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	15
Tetrachloroethene	18	22	ND	7J	7J	8	5
Toluene	ND	ND	21	ND	48	8	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	4
Trichloroethene	ND	ND	ND	ND	ND	8	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	8
1,2,4-Trimethylbenzene	ND	ND	ND	ND	7J	8	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	8
Vinyl chloride	ND	ND	ND	ND	ND	8	4
m,p-Xylene	ND	ND	ND	ND	ND	16	10
o-Xylene	ND	ND	ND	ND	ND	8	5
MTBE	ND	ND	ND	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	6
Di-isopropylether	ND	ND	ND	ND	ND	40	6
tert-amylmethylether	ND	ND	ND	ND	ND	40	5
tert-Butylalcohol	ND	ND	ND	ND	ND	400	263
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	ND	2000	5
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	5
n-Hexane	ND	ND	ND	ND	ND	80	5
n-Heptane	ND	ND	ND	ND	ND	80	5
<u>Dilution Factor</u>	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	120%	119%	120%	121%	120%	60 - 140	
Toluene-d ₈	96%	97%	98%	98%	98%	60 - 140	
4-Bromofluorobenzene	107%	111%	110%	107%	106%	60 - 140	
<u>Batch ID:</u>	E2-091819-01	E2-091819-01	E2-091819-01	E2-091819-01	E2-091819-01		

ND = Value below reporting limit

J = Value below reporting limit but above MDL



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JONES ENVIRONMENTAL LABORATORY RESULTS

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

Report date: 9/23/2019
Jones Ref. No.: E-1047

Attn: Audrey Carroll

Date Sampled: 9/18/2019
Date Received: 9/18/2019
Date Analyzed: 9/18/2019

Project Address: 601 S Acacia Ave
 Compton, CA 90220

Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV10E-5'	AOC4-SV10E-15'	AOC4-SV11S-5'	AOC4-SV11S-15'	AOC4-SV12W-5'	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
<u>Jones ID:</u>	E-1047-06	E-1047-07	E-1047-08	E-1047-09	E-1047-10		
Analytes:							
Benzene	ND	ND	ND	843	ND	8	5
Bromobenzene	ND	ND	ND	ND	ND	8	4
Bromodichloromethane	ND	ND	ND	ND	ND	8	4
Bromoform	ND	ND	ND	ND	ND	8	7
n-Butylbenzene	ND	495	ND	4290	ND	12	5
sec-Butylbenzene	ND	142	ND	2900	ND	12	6
tert-Butylbenzene	ND	ND	ND	ND	ND	12	6
Carbon tetrachloride	ND	ND	ND	ND	ND	8	5
Chlorobenzene	ND	ND	ND	ND	ND	8	5
Chloroform	ND	ND	ND	ND	ND	8	4
2-Chlorotoluene	ND	1990	ND	ND	ND	12	5
4-Chlorotoluene	ND	ND	ND	ND	ND	12	5
Dibromochloromethane	ND	ND	ND	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	4
Dibromomethane	ND	ND	ND	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	5
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	5
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	5
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	14
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	4

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV10E-5'	AOC4-SV10E-15'	AOC4-SV11S-5'	AOC4-SV11S-15'	AOC4-SV12W-5'		
<u>Jones ID:</u>	E-1047-06	E-1047-07	E-1047-08	E-1047-09	E-1047-10	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
Ethylbenzene	ND	1030	6J	34600	ND	8	5
Freon 113	ND	ND	ND	ND	ND	16	3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	7
Isopropylbenzene	ND	282	ND	9430	ND	8	6
4-Isopropyltoluene	ND	16	ND	4070	5J	8	5
Methylene chloride	ND	ND	ND	ND	ND	8	5
Naphthalene	ND	203	ND	ND	ND	40	17
n-Propylbenzene	ND	ND	ND	ND	ND	8	5
Styrene	ND	ND	ND	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	15
Tetrachloroethene	ND	ND	ND	ND	ND	8	5
Toluene	ND	ND	9	ND	5J	8	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	4
Trichloroethene	ND	ND	ND	ND	ND	8	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	8
1,2,4-Trimethylbenzene	ND	6J	6J	38600	ND	8	5
1,3,5-Trimethylbenzene	ND	ND	ND	21000	ND	8	8
Vinyl chloride	ND	ND	ND	ND	ND	8	4
m,p-Xylene	ND	ND	ND	57800	ND	16	10
o-Xylene	ND	ND	ND	ND	ND	8	5
MTBE	ND	ND	ND	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	6
Di-isopropylether	ND	ND	ND	ND	ND	40	6
tert-amylmethylether	ND	ND	ND	ND	ND	40	5
tert-Butylalcohol	ND	ND	ND	ND	ND	400	263
Gasoline Range Organics (C4-C12)	ND	21600	ND	1610000*	ND	2000	5
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	5
n-Hexane	ND	ND	ND	ND	ND	80	5
n-Heptane	ND	ND	ND	ND	ND	80	5
<u>Dilution Factor</u>	1	1	1	5	1		
<u>Surrogate Recoveries:</u>						<u>QC Limits</u>	
Dibromofluoromethane	121%	120%	119%	114%*	118%	60 - 140	
Toluene-d ₈	99%	100%	99%	103%*	97%	60 - 140	
4-Bromofluorobenzene	109%	111%	108%	●	109%	60 - 140	
<u>Batch ID:</u>	E2-091819-01	E2-091819-01	E2-091819-01	E2-091819-01	E2-091819-01		

ND = Value below reporting limit

● = High Hydrocarbon concentration in this sample prevented adequate surrogate recovery

* = Dilutions for these compound(s); first number for all others



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JONES ENVIRONMENTAL LABORATORY RESULTS

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

Report date: 9/23/2019
Jones Ref. No.: E-1047

Attn: Audrey Carroll

Date Sampled: 9/18/2019
Date Received: 9/18/2019
Date Analyzed: 9/18/2019

Project Address: 601 S Acacia Ave
 Compton, CA 90220

Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV12W-15'	AOC4-SV12W-25'	AOC4-SV13A-15'	AOC4-SV13A-15' REP	AOC4-SV12A-25'	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
<u>Jones ID:</u>	E-1047-11	E-1047-12	E-1047-13	E-1047-14	E-1047-15		
Analytes:							
Benzene	143	22800	ND	ND	ND	8	5
Bromobenzene	ND	ND	ND	ND	ND	8	4
Bromodichloromethane	ND	ND	ND	ND	ND	8	4
Bromoform	ND	ND	ND	ND	ND	8	7
n-Butylbenzene	ND	ND	ND	ND	ND	12	5
sec-Butylbenzene	1600	10000	ND	ND	2150	12	6
tert-Butylbenzene	ND	ND	ND	ND	ND	12	6
Carbon tetrachloride	ND	ND	ND	ND	ND	8	5
Chlorobenzene	ND	ND	ND	ND	ND	8	5
Chloroform	ND	ND	ND	ND	ND	8	4
2-Chlorotoluene	ND	ND	ND	ND	ND	12	5
4-Chlorotoluene	ND	ND	ND	ND	ND	12	5
Dibromochloromethane	ND	ND	ND	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	4
Dibromomethane	ND	ND	ND	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,2-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	5
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	5
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	5
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	14
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	4

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV12W-15'	AOC4-SV12W-25'	AOC4-SV13A-15'	AOC4-SV13A-15' REP	AOC4-SV-SV12A-25'		
<u>Jones ID:</u>	E-1047-11	E-1047-12	E-1047-13	E-1047-14	E-1047-15	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
Ethylbenzene	9010	305000	95	72	ND	8	5
Freon 113	ND	ND	ND	ND	ND	16	3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	7
Isopropylbenzene	3650	58200	29	19	ND	8	6
4-Isopropyltoluene	2930	9900	ND	ND	ND	8	5
Methylene chloride	ND	ND	ND	ND	ND	8	5
Naphthalene	ND	ND	ND	ND	ND	40	17
n-Propylbenzene	ND	ND	ND	ND	ND	8	5
Styrene	ND	ND	ND	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	15
Tetrachloroethene	ND	ND	ND	ND	ND	8	5
Toluene	141	ND	14	10	ND	8	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	4
Trichloroethene	ND	ND	ND	ND	ND	8	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	8
1,2,4-Trimethylbenzene	16100	3700	45	42	ND	8	5
1,3,5-Trimethylbenzene	1210	22200	ND	ND	ND	8	8
Vinyl chloride	ND	ND	ND	ND	ND	8	4
m,p-Xylene	5550	46000	38	32	ND	16	10
o-Xylene	ND	ND	ND	ND	ND	8	5
MTBE	ND	ND	ND	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	6
Di-isopropylether	ND	ND	ND	ND	ND	40	6
tert-amylmethylether	ND	ND	ND	ND	ND	40	5
tert-Butylalcohol	ND	ND	ND	ND	ND	400	263
Gasoline Range Organics (C4-C12)	622000	16200000*	ND	ND	7230000*	2000	5
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	5
n-Hexane	ND	ND	ND	ND	ND	80	5
n-Heptane	ND	ND	ND	ND	ND	80	5
Dilution Factor	1	125	1	1	125		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	119%	114%	118%	119%	121%	60 - 140	
Toluene-d ₈	98%	106%	99%	98%	100%	60 - 140	
4-Bromofluorobenzene	●	113%	109%	107%	114%	60 - 140	
Batch ID:	E2-091819-01	E2-091819-01	E2-091819-01	E2-091819-01	E2-091819-01		

ND = Value below reporting limit

● = High Hydrocarbon concentration in this sample prevented adequate surrogate recovery



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

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

Report date: 9/23/2019
Jones Ref. No.: E-1047

Attn: Audrey Carroll

Date Sampled: 9/18/2019
Date Received: 9/18/2019
Date Analyzed: 9/18/2019

Project Address: 601 S Acacia Ave
Compton, CA 90220

Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>Jones ID:</u>	091819- E2MB1	091819- E2SB1	<u>Reporting Limit</u> <u>(µg/m3)</u>	<u>MDL</u> <u>(µg/m3)</u>
Analytes:				
Benzene	ND	ND	8	5
Bromobenzene	ND	ND	8	4
Bromodichloromethane	ND	ND	8	4
Bromoform	ND	ND	8	7
n-Butylbenzene	ND	ND	12	5
sec-Butylbenzene	ND	ND	12	6
tert-Butylbenzene	ND	ND	12	6
Carbon tetrachloride	ND	ND	8	5
Chlorobenzene	ND	ND	8	5
Chloroform	ND	ND	8	4
2-Chlorotoluene	ND	ND	12	5
4-Chlorotoluene	ND	ND	12	5
Dibromochloromethane	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	8	4
Dibromomethane	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	8	3
1,1-Dichloroethane	ND	ND	8	5
1,2-Dichloroethane	ND	ND	8	5
1,1-Dichloroethene	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	8	5
1,2-Dichloropropane	ND	ND	8	5
1,3-Dichloropropane	ND	ND	8	5
2,2-Dichloropropane	ND	ND	16	14
1,1-Dichloropropene	ND	ND	10	4

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>Jones ID:</u>	091819- E2MB1	091819- E2SB1	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	8	4
Ethylbenzene	ND	ND	8	5
Freon 113	ND	ND	16	3
Hexachlorobutadiene	ND	ND	24	7
Isopropylbenzene	ND	ND	8	6
4-Isopropyltoluene	ND	ND	8	5
Methylene chloride	ND	ND	8	5
Naphthalene	ND	ND	40	17
n-Propylbenzene	ND	ND	8	5
Styrene	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	16	15
Tetrachloroethene	ND	ND	8	5
Toluene	ND	ND	8	5
1,2,3-Trichlorobenzene	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	8	4
Trichloroethene	ND	ND	8	5
Trichlorofluoromethane	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	8	8
1,2,4-Trimethylbenzene	ND	ND	8	5
1,3,5-Trimethylbenzene	ND	ND	8	8
Vinyl chloride	ND	ND	8	4
m,p-Xylene	ND	ND	16	10
o-Xylene	ND	ND	8	5
MTBE	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	40	6
Di-isopropylether	ND	ND	40	6
tert-amylmethylether	ND	ND	40	5
tert-Butylalcohol	ND	ND	400	263
Gasoline Range Organics (C4-C12)	ND	ND	2000	5
Tracer:				
n-Pentane	ND	ND	80	5
n-Hexane	ND	ND	80	5
n-Heptane	ND	ND	80	5
<u>Dilution Factor</u>	1	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>	
Dibromofluoromethane	119%	118%	60 - 140	
Toluene-d ₈	100%	99%	60 - 140	
4-Bromofluorobenzene	109%	110%	60 - 140	
<u>Batch ID:</u>	E2-091819- 01	E2-091819- 01		

ND = Value below reporting limit



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore	Report date:	9/23/2019
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	Jones Ref. No.:	E-1047
Attn:	Audrey Carroll	Date Sampled:	9/18/2019
		Date Received:	9/18/2019
		Date Analyzed:	9/18/2019
Project Address:	601 S Acacia Ave Compton, CA 90220	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Batch ID:	E2-091819-01					
Jones ID:	091819-E2LCS1	091819-E2LCSD1			091819-E2CCV1	
<u>Parameter</u>	LCS Recovery (%)	LCSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)	<u>CCV</u>	Acceptability Range (%)
Vinyl chloride	104%	104%	0.2%	60 - 140	114%	80 - 120
1,1-Dichloroethene	110%	116%	4.9%	60 - 140	110%	80 - 120
Cis-1,2-Dichloroethene	114%	113%	0.7%	70 - 130	106%	80 - 120
1,1,1-Trichloroethane	106%	115%	7.7%	70 - 130	109%	80 - 120
Benzene	105%	113%	7.4%	70 - 130	104%	80 - 120
Trichloroethene	99%	104%	5.2%	70 - 130	100%	80 - 120
Toluene	113%	115%	1.1%	70 - 130	104%	80 - 120
Tetrachloroethene	115%	125%	8.0%	70 - 130	105%	80 - 120
Chlorobenzene	109%	119%	8.4%	70 - 130	101%	80 - 120
Ethylbenzene	111%	120%	7.6%	70 - 130	101%	80 - 120
1,2,4 Trimethylbenzene	104%	121%	15.1%	70 - 130	94%	80 - 120
Gasoline Range Organics (C4-C12)	108%	117%	7.8%	70 - 130	101%	80 - 120
<u>Surrogate Recovery:</u>						
Dibromofluoromethane	115%	118%		60 - 140	120%	60 - 140
Toluene-d ₈	98%	97%		60 - 140	101%	60 - 140
4-Bromofluorobenzene	106%	107%		60 - 140	106%	60 - 140

LCS = Laboratory Control Sample
 LCSD = Laboratory Control Sample Duplicate
 CCV = Continuing Calibration Verification
 RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%



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Soil-Gas Chain-of-Custody Record

Client
Ninyo & Moore

Project Name

Project Address
601 S Acacia Ave

Compton, CA 90220

Email

Phone

Report To **Sampler**
Jackson Nestor

Date
 9/18/2019

Purge Number:
 1P 3P 7P 10P

Report Options
 EDD _____
 EDF* - 10% Surcharge _____

Shut-In Test: Y / N *Global ID _____

Turn Around Requested
 Immediate Attention
 Rush 24 Hours
 Rush 48 Hours
 Rush 72 Hours
 Normal
 Mobile Lab

Tracer
 n-pentane
 n-hexane
 n-heptane
 Isopropyl Alcohol
 1,1-DFA

Analysis Requested

Reporting Limits
 Standard Low Level* MDL* **Units**
 *surcharge for these limits

LAB USE ONLY

Jones Project #
E-1047

Page
 1 of 2

Sample Container:
 GASTIGHT GLASS SYRINGE
 If different than above, see Notes.

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (ln/H ₂ O)	Number of Containers	Notes & Special Instructions
AOC4-SV10N-5'	3	1310	9/18/19	8:28	8:28	E-1047-01	200	JACKSON.1	118011	SG	X		<2	1	
AOC4-SV10N-5' REP	3	1310	9/18/19	9:02	9:02	E-1047-02	200	JACKSON.1	118011	SG	X		14	1	
AOC4-SV10N-15'	3	1470	9/18/19	8:43	8:44	E-1047-03	200	ANGELA.1	M100.003	SG	X		14	1	
AOC4-SV10W-5'	3	1310	9/18/19	9:17	9:19	E-1047-04	200	JACKSON.1	118007	SG	X		<2	1	
AOC4-SV10W-15'	3	1,470	9/18/19	9:35	9:36	E-1047-05	200	ANGELA.1	M100.003	SG	X		26	1	
AOC4-SV10E-5'	3	1,310	9/18/19	9:50	9:53	E-1047-06	200	JACKSON.1	118011	SG	X		<2	1	
AOC4-SV10E-15'	3	1,470	9/18/19	10:08	10:11	E-1047-07	200	ANGELA.1	118007	SG	X		42	1	LOW FLOW
AOC4-SV11S-5'	3	1310	9/18/19	10:25	10:29	E-1047-08	200	JACKSON.1	M100.003	SG	X		<2	1	
AOC4-SV11S-15'	3	1470	9/18/19	11:18	11:22	E-1047-09	200	ANGELA.1	118011	SG	X		28	1	VERY LOW FLOW
AOC4-SV12W-5'	3	1310	9/18/19	10:49	10:49	E-1047-10	200	JACKSON.1	118007	SG	X		<2	1	

Representative Signature 	Printed Name Audrey Carroll	Laboratory Signature 	Printed Name Jackson Nestor	10	Total Number of Containers
Company	Date 9/18/2019	Time 1418	Company JONES ENVIRONMENTAL, INC.	Date 9/18/2019	Time 1420
Representative Signature	Printed Name	Laboratory Signature	Printed Name	Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.	
Company	Date	Time	Company	Date	Time



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Soil-Gas Chain-of-Custody Record

Client
Ninyo & Moore

Project Name

Project Address
601 S Acacia Ave

Compton, CA 90220

Email

Phone

Report To **Sampler**
Jackson Nestor

Date
 9/18/2019

Purge Number:
 1P 3P 7P 10P

Report Options
 EDD _____
 EDF* - 10% Surcharge _____

Shut-In Test: Y / N

***Global ID** _____

Turn Around Requested
 Immediate Attention
 Rush 24 Hours
 Rush 48 Hours
 Rush 72 Hours
 Normal
 Mobile Lab

Tracer
 n-pentane
 n-hexane
 n-heptane
 Isopropyl Alcohol
 1,1-DFA

Analysis Requested

Reporting Limits
 Standard Low Level* MDL* **Units**
 *surcharge for these limits

LAB USE ONLY

Jones Project #
E-1047

Page
 2 of 2

Sample Container:
 GASTIGHT GLASS SYRINGE
 If different than above, see Notes.

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers	Notes & Special Instructions
AOC4-SV12W-15'	3	1470	9/18/19	11:02	11:05	E-1047-11	200	ANGELA.1	118011	SG	X		20	1	
AOC4-SV12W-25'	3	2290	9/18/19	11:43	11:43	E-1047-12	100	JACKSON.1	118011	SG	X		28	1	VERY LOW FLOW
AOC4-SV13A-15'	3	1470	9/18/19	12:33	12:33	E-1047-13	200	ANGELA.1	118007	SG	X		26	1	LOW FLOW
AOC4-SV13A-15' REP	3	1470	9/18/19	12:51	12:51	E-1047-14	200	ANGELA.1	M100.003	SG	X		26	1	LOW FLOW
AOC4-SV-SV12A-25'	3	2290	9/18/19	13:20	13:25	E-1047-15	100	JACKSON.1	M100.003	SG	X		12	1	
AOC4-SV-SV12A-25' DIL	-	-	9/18/19	13:40	13:43	-	-	-	M100.003	SG	X			1	
AOC4-SV11S-15' DIL	-	-	9/18/19	13:08	13:08	-	-	-	118011	SG	X			1	
AOC4-SV12W-25' DIL	-	-	9/18/19	12:08	12:11	-	-	-	118011	SG	X			1	

Representative Signature 	Printed Name Audrey Carroll	Laboratory Signature 	Printed Name Jackson Nestor	8	Total Number of Containers
Company	Date 9/18/2019 Time 1418	Company JONES ENVIRONMENTAL, INC.	Date 9/18/2019 Time 1420:00	Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.	
Representative Signature	Printed Name	Laboratory Signature	Printed Name		
Company	Date Time	Company	Date Time		



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	Report date:	9/24/2019
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	Jones Ref. No.:	E-1048
Attn:	Jay Roberts	Date Sampled:	9/19/2019
		Date Received:	9/19/2019
		Date Analyzed:	9/19/2019
Project Address:	601 S Acacia Ave Compton, CA 90220	Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.


The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval: _____


Annalise O'Toole



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JONES ENVIRONMENTAL LABORATORY RESULTS

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

Report date: 9/24/2019
Jones Ref. No.: E-1048

Attn: Jay Roberts

Date Sampled: 9/19/2019
Date Received: 9/19/2019
Date Analyzed: 9/19/2019

Project Address: 601 S Acacia Ave
 Compton, CA 90220

Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV12S-5'	AOC4-SV12S-5' REP	AOC4-SV12S-15'	AOC4-SV12S-25'	AOC4-SV12N-5'	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
<u>Jones ID:</u>	E-1048-01	E-1048-02	E-1048-03	E-1048-04	E-1048-05		
Analytes:							
Benzene	ND	ND	ND	ND	ND	8	5
Bromobenzene	ND	ND	ND	ND	ND	8	4
Bromodichloromethane	ND	ND	ND	ND	ND	8	4
Bromoform	ND	ND	ND	ND	ND	8	7
n-Butylbenzene	ND	ND	ND	ND	ND	12	5
sec-Butylbenzene	ND	ND	ND	256	ND	12	6
tert-Butylbenzene	ND	ND	ND	295	ND	12	6
Carbon tetrachloride	ND	ND	ND	ND	ND	8	5
Chlorobenzene	ND	ND	ND	ND	ND	8	5
Chloroform	ND	ND	ND	ND	ND	8	4
2-Chlorotoluene	ND	ND	ND	ND	ND	12	5
4-Chlorotoluene	ND	ND	ND	ND	ND	12	5
Dibromochloromethane	ND	ND	ND	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	8	4
Dibromomethane	ND	ND	ND	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	ND	ND	ND	8	3
1,1-Dichloroethane	ND	ND	ND	ND	ND	8	5
1,2-Dichloroethane	ND	ND	ND	74	ND	8	5
1,1-Dichloroethene	ND	ND	ND	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	8	5
1,2-Dichloropropane	ND	ND	ND	ND	ND	8	5
1,3-Dichloropropane	ND	ND	ND	ND	ND	8	5
2,2-Dichloropropane	ND	ND	ND	ND	ND	16	14
1,1-Dichloropropene	ND	ND	ND	ND	ND	10	4

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4-SV12S-5'	AOC4-SV12S-5' REP	AOC4-SV12S-15'	AOC4-SV12S-25'	AOC4-SV12N-5'		
<u>Jones ID:</u>	E-1048-01	E-1048-02	E-1048-03	E-1048-04	E-1048-05	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	8	4
Ethylbenzene	ND	ND	14	ND	ND	8	5
Freon 113	ND	ND	ND	ND	ND	16	3
Hexachlorobutadiene	ND	ND	ND	ND	ND	24	7
Isopropylbenzene	ND	ND	ND	ND	ND	8	6
4-Isopropyltoluene	ND	ND	ND	ND	ND	8	5
Methylene chloride	ND	ND	ND	ND	ND	8	5
Naphthalene	ND	ND	ND	ND	ND	40	17
n-Propylbenzene	ND	ND	ND	ND	ND	8	5
Styrene	ND	ND	ND	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	16	15
Tetrachloroethene	ND	ND	ND	ND	43	8	5
Toluene	ND	ND	ND	12	ND	8	5
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	8	4
Trichloroethene	ND	ND	ND	ND	ND	8	5
Trichlorofluoromethane	ND	ND	ND	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	8	8
1,2,4-Trimethylbenzene	ND	ND	20	ND	ND	8	5
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8	8
Vinyl chloride	ND	ND	ND	ND	ND	8	4
m,p-Xylene	ND	ND	21	ND	ND	16	10
o-Xylene	ND	ND	ND	ND	ND	8	5
MTBE	ND	ND	ND	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	ND	ND	ND	40	6
Di-isopropylether	ND	ND	ND	ND	ND	40	6
tert-amylmethylether	ND	ND	ND	ND	ND	40	5
tert-Butylalcohol	ND	ND	ND	ND	ND	400	263
Gasoline Range Organics (C4-C12)	ND	ND	8660	301000	ND	2000	5
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	80	5
n-Hexane	ND	ND	ND	ND	ND	80	5
n-Heptane	ND	ND	ND	ND	ND	80	5
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	116%	114%	115%	112%	114%	60 - 140	
Toluene-d ₈	96%	98%	99%	97%	98%	60 - 140	
4-Bromofluorobenzene	106%	106%	105%	●	107%	60 - 140	
Batch ID:	E2-091919-01	E2-091919-01	E2-091919-01	E2-091919-01	E2-091919-01		

ND = Value below reporting limit

● = High Hydrocarbon concentration in this sample prevented adequate surrogate recovery



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JONES ENVIRONMENTAL LABORATORY RESULTS

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

Report date: 9/24/2019
Jones Ref. No.: E-1048

Attn: Jay Roberts

Date Sampled: 9/19/2019
Date Received: 9/19/2019
Date Analyzed: 9/19/2019

Project Address: 601 S Acacia Ave
Compton, CA 90220

Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4- SV12N-15'	AOC4- SV12N-25'	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
<u>Jones ID:</u>	E-1048-06	E-1048-07		
Analytes:				
Benzene	ND	ND	8	5
Bromobenzene	ND	ND	8	4
Bromodichloromethane	ND	ND	8	4
Bromoform	ND	ND	8	7
n-Butylbenzene	ND	ND	12	5
sec-Butylbenzene	ND	937	12	6
tert-Butylbenzene	ND	321	12	6
Carbon tetrachloride	ND	ND	8	5
Chlorobenzene	ND	ND	8	5
Chloroform	ND	212	8	4
2-Chlorotoluene	ND	ND	12	5
4-Chlorotoluene	ND	ND	12	5
Dibromochloromethane	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	8	4
Dibromomethane	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	8	3
1,1-Dichloroethane	ND	ND	8	5
1,2-Dichloroethane	ND	ND	8	5
1,1-Dichloroethene	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	8	5
1,2-Dichloropropane	ND	ND	8	5
1,3-Dichloropropane	ND	ND	8	5
2,2-Dichloropropane	ND	ND	16	14
1,1-Dichloropropene	ND	ND	10	4

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC4- SV12N-15'	AOC4- SV12N-25'		
<u>Jones ID:</u>	E-1048-06	E-1048-07	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	8	4
Ethylbenzene	ND	ND	8	5
Freon 113	ND	ND	16	3
Hexachlorobutadiene	ND	ND	24	7
Isopropylbenzene	ND	ND	8	6
4-Isopropyltoluene	ND	ND	8	5
Methylene chloride	ND	ND	8	5
Naphthalene	ND	ND	40	17
n-Propylbenzene	ND	ND	8	5
Styrene	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	16	15
Tetrachloroethene	ND	ND	8	5
Toluene	ND	ND	8	5
1,2,3-Trichlorobenzene	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	8	4
Trichloroethene	ND	ND	8	5
Trichlorofluoromethane	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	8	8
1,2,4-Trimethylbenzene	ND	ND	8	5
1,3,5-Trimethylbenzene	ND	ND	8	8
Vinyl chloride	ND	ND	8	4
m,p-Xylene	ND	ND	16	10
o-Xylene	ND	ND	8	5
MTBE	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	40	6
Di-isopropylether	ND	ND	40	6
tert-amylmethylether	ND	ND	40	5
tert-Butylalcohol	ND	ND	400	263
Gasoline Range Organics (C4-C12)	ND	519000	2000	5
Tracer:				
n-Pentane	ND	ND	80	5
n-Hexane	ND	ND	80	5
n-Heptane	ND	ND	80	5
<u>Dilution Factor</u>	1	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>	
Dibromofluoromethane	115%	107%	60 - 140	
Toluene-d ₈	96%	96%	60 - 140	
4-Bromofluorobenzene	107%	●	60 - 140	
<u>Batch ID:</u>	E2-091919- 01	E2-091919- 01		

ND = Value below reporting limit

● = High Hydrocarbon concentration in this sample prevented adequate surrogate recovery



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

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

Report date: 9/24/2019
Jones Ref. No.: E-1048

Attn: Jay Roberts

Date Sampled: 9/19/2019
Date Received: 9/19/2019
Date Analyzed: 9/19/2019

Project Address: 601 S Acacia Ave
Compton, CA 90220

Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>Jones ID:</u>	091919- E1MB1	091919- E1SB1	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
Analytes:				
Benzene	ND	ND	8	5
Bromobenzene	ND	ND	8	4
Bromodichloromethane	ND	ND	8	4
Bromoform	ND	ND	8	7
n-Butylbenzene	ND	ND	12	5
sec-Butylbenzene	ND	ND	12	6
tert-Butylbenzene	ND	ND	12	6
Carbon tetrachloride	ND	ND	8	5
Chlorobenzene	ND	ND	8	5
Chloroform	ND	ND	8	4
2-Chlorotoluene	ND	ND	12	5
4-Chlorotoluene	ND	ND	12	5
Dibromochloromethane	ND	ND	8	8
1,2-Dibromo-3-chloropropane	ND	ND	8	6
1,2-Dibromoethane (EDB)	ND	ND	8	4
Dibromomethane	ND	ND	8	8
1,2- Dichlorobenzene	ND	ND	16	7
1,3-Dichlorobenzene	ND	ND	16	5
1,4-Dichlorobenzene	ND	ND	16	5
Dichlorodifluoromethane	ND	ND	8	3
1,1-Dichloroethane	ND	ND	8	5
1,2-Dichloroethane	ND	ND	8	5
1,1-Dichloroethene	ND	ND	8	5
cis-1,2-Dichloroethene	ND	ND	8	4
trans-1,2-Dichloroethene	ND	ND	8	5
1,2-Dichloropropane	ND	ND	8	5
1,3-Dichloropropane	ND	ND	8	5
2,2-Dichloropropane	ND	ND	16	14
1,1-Dichloropropene	ND	ND	10	4

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>Jones ID:</u>	091919- E1MB1	091919- E1SB1	<u>Reporting Limit</u> (µg/m3)	<u>MDL</u> (µg/m3)
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	4
trans-1,3-Dichloropropene	ND	ND	8	4
Ethylbenzene	ND	ND	8	5
Freon 113	ND	ND	16	3
Hexachlorobutadiene	ND	ND	24	7
Isopropylbenzene	ND	ND	8	6
4-Isopropyltoluene	ND	ND	8	5
Methylene chloride	ND	ND	8	5
Naphthalene	ND	ND	40	17
n-Propylbenzene	ND	ND	8	5
Styrene	ND	ND	8	4
1,1,1,2-Tetrachloroethane	ND	ND	8	5
1,1,2,2-Tetrachloroethane	ND	ND	16	15
Tetrachloroethene	ND	ND	8	5
Toluene	ND	ND	8	5
1,2,3-Trichlorobenzene	ND	ND	16	11
1,2,4-Trichlorobenzene	ND	ND	16	7
1,1,1-Trichloroethane	ND	ND	8	4
1,1,2-Trichloroethane	ND	ND	8	4
Trichloroethene	ND	ND	8	5
Trichlorofluoromethane	ND	ND	16	5
1,2,3-Trichloropropane	ND	ND	8	8
1,2,4-Trimethylbenzene	ND	ND	8	5
1,3,5-Trimethylbenzene	ND	ND	8	8
Vinyl chloride	ND	ND	8	4
m,p-Xylene	ND	ND	16	10
o-Xylene	ND	ND	8	5
MTBE	ND	ND	40	4
Ethyl-tert-butylether	ND	ND	40	6
Di-isopropylether	ND	ND	40	6
tert-amylmethylether	ND	ND	40	5
tert-Butylalcohol	ND	ND	400	263
Gasoline Range Organics (C4-C12)	ND	ND	2000	5
Tracer:				
n-Pentane	ND	ND	80	5
n-Hexane	ND	ND	80	5
n-Heptane	ND	ND	80	5
<u>Dilution Factor</u>	1	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>	
Dibromofluoromethane	116%	95%	60 - 140	
Toluene-d ₈	95%	95%	60 - 140	
4-Bromofluorobenzene	106%	104%	60 - 140	
<u>Batch ID:</u>	E2-091919- 01	E2-091919- 01		

ND = Value below reporting limit



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore	Report date:	9/24/2019
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	Jones Ref. No.:	E-1048
Attn:	Jay Roberts	Date Sampled:	9/19/2019
		Date Received:	9/19/2019
		Date Analyzed:	9/19/2019
Project Address:	601 S Acacia Ave Compton, CA 90220	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Batch ID:	E2-091919-01					
Jones ID:	091919-E2LCS1	091919-E2LCSD1		091919-E2CCV1		
<u>Parameter</u>	LCS Recovery (%)	LCSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)	<u>CCV</u>	Acceptability Range (%)
Vinyl chloride	110%	102%	7.5%	60 - 140	114%	80 - 120
1,1-Dichloroethene	111%	108%	3.6%	60 - 140	105%	80 - 120
Cis-1,2-Dichloroethene	111%	111%	0.5%	70 - 130	107%	80 - 120
1,1,1-Trichloroethane	112%	113%	1.6%	70 - 130	110%	80 - 120
Benzene	110%	110%	0.0%	70 - 130	105%	80 - 120
Trichloroethene	100%	107%	6.9%	70 - 130	103%	80 - 120
Toluene	112%	112%	0.1%	70 - 130	113%	80 - 120
Tetrachloroethene	119%	120%	1.1%	70 - 130	110%	80 - 120
Chlorobenzene	114%	111%	2.8%	70 - 130	108%	80 - 120
Ethylbenzene	124%	117%	5.7%	70 - 130	110%	80 - 120
1,2,4 Trimethylbenzene	113%	114%	0.1%	70 - 130	105%	80 - 120
Gasoline Range Organics (C4-C12)	115%	113%	1.5%	70 - 130	108%	80 - 120
<u>Surrogate Recovery:</u>						
Dibromofluoromethane	117%	117%		60 - 140	114%	60 - 140
Toluene-d ₈	100%	99%		60 - 140	107%	60 - 140
4-Bromofluorobenzene	111%	102%		60 - 140	104%	60 - 140

LCS = Laboratory Control Sample
 LCSD = Laboratory Control Sample Duplicate
 CCV = Continuing Calibration Verification
 RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%



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 Santa Fe Springs, CA 90670
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Soil-Gas Chain-of-Custody Record

Client
Ninyo & Moore

Project Name

Project Address
601 S Acacia Ave

Compton, CA 90220

Email

Phone

Report To **Jackson Nestor**

Date
 9/19/2019

Client Project #

Turn Around Requested

Immediate Attention
 Rush 24 Hours
 Rush 48 Hours
 Rush 72 Hours
 Normal
 Mobile Lab

Reporting Limits

Standard Low Level* MDL*
 *surcharge for these limits

Purge Number:
 1P 3P 7P 10P

Shut-In Test: (Y) / N

Report Options
 EDD _____
 EDF* - 10% Surcharge _____

*Global ID _____

Tracer

n-pentane
 n-hexane
 n-heptane
 Isopropyl Alcohol
 1,1-DFA

Analysis Requested

Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers
SG	X	X	<2	1
SG	X	X	<2	1
SG	X	X	20	1
SG	X	X	54	1
SG	X	X	<2	1
SG	X	X	26	1
SG	X	X	58	1

Units
 mg/m³

LAB USE ONLY

Jones Project #
E-1048

Page
 1 of 1

Sample Container:
 GASTIGHT GLASS SYRINGE
 If different than above, see Notes.

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers	Notes & Special Instructions
AOC4-SV12S-5'	3	1310	9/19/19	8:02	8:04	E-1048-01	200	JACKSON.1	M100.003	SG	X	X	<2	1	
AOC4-SV12S-5' REP	3	1310	9/19/19	8:15	8:20	E-1048-02	200	JACKSON.1	M100.003	SG	X	X	<2	1	
AOC4-SV12S-15'	3	1470	9/19/19	8:55	8:57	E-1048-03	200	ANGELA.1	118007	SG	X	X	20	1	LOW FLOW
AOC4-SV12S-25'	-	-	9/19/19	9:13	9:16	E-1048-04	200	-	118011	SG	X	X	54	1	NO FLOW, 100cc GRAB SAMPLE
AOC4-SV12N-5'	3	1310	9/19/19	8:35	8:37	E-1048-05	200	JACKSON.1	118011	SG	X	X	<2	1	
AOC4-SV12N-15'	3	1470	9/19/19	9:34	9:37	E-1048-06	200	ANGELA.1	M100.003	SG	X	X	26	1	LOW FLOW
AOC4-SV12N-25'	-	-	9/19/19	9:49	9:54	E-1048-07	200	-	118007	SG	X	X	58	1	NO FLOW, 95cc GRAB SAMPLE

Representative Signature 	Printed Name Audrey Carroll	Laboratory Signature 	Printed Name Jackson Nestor	7	Total Number of Containers
Company N & M	Date 9/19/2019	Time 1043	Company JONES ENVIRONMENTAL, INC.	Date 9/19/2019	Time 1045
Representative Signature	Printed Name	Laboratory Signature	Printed Name	Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.	
Company	Date	Time	Company	Date	Time



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562-646-1611
805-399-0060

11007 FOREST PLACE
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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Ninyo & Moore	Report date:	5/15/2019
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	Jones Ref. No.:	ST-13767
		Client Ref. No.:	210886001
Attn:	Patrick Cullip	Date Sampled:	5/14/2019
		Date Received:	5/14/2019
Project:	Compton High School PEA	Date Analyzed:	5/14/2019
Project Address:	601 S. Acacia Ave Compton, CA	Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in tedlar bags.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 6 hours of collection.

Approval:

Colby Wakeman
QA/QC Manager



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JONES ENVIRONMENTAL LABORATORY RESULTS

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

Report date: 5/15/2019
Jones Ref. No.: ST-13767
Client Ref. No.: 210886001
Date Sampled: 5/14/2019
Date Received: 5/14/2019
Date Analyzed: 5/14/2019
Physical State: Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B2-5	AOC3-B2-15	AOC3-B3-5		
<u>Jones ID:</u>	ST-13767-01	ST-13767-02	ST-13767-03	<u>Reporting Limit</u>	<u>Units</u>
Analytes:					
Benzene	1330	784	832	8	µg/m3
Bromobenzene	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	8	µg/m3
n-Butylbenzene	97	117	85	12	µg/m3
sec-Butylbenzene	52	53	40	12	µg/m3
tert-Butylbenzene	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	AOC3-B2-5	AOC3-B2-15	AOC3-B3-5		
<u>Jones ID:</u>	ST-13767-01	ST-13767-02	ST-13767-03	<u>Reporting Limit</u>	<u>Units</u>
Analytes:					
cis-1,3-Dichloropropene	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	8	µg/m3
Ethylbenzene	6680	6050	5230	8	µg/m3
Freon 113	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	24	µg/m3
Isopropylbenzene	393	372	312	8	µg/m3
4-Isopropyltoluene	13	16	9	8	µg/m3
Methylene chloride	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	40	µg/m3
n-Propylbenzene	1080	949	779	8	µg/m3
Styrene	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	16	µg/m3
Tetrachloroethene	348	321	285	8	µg/m3
Toluene	22300	18400	16800	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	3390	3570	2840	8	µg/m3
1,3,5-Trimethylbenzene	1550	1580	865	8	µg/m3
Vinyl chloride	ND	ND	ND	8	µg/m3
m,p-Xylene	13100	12200	10300	16	µg/m3
o-Xylene	8950	8400	7130	8	µg/m3
MTBE	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	62900	60700	58500	400	µg/m3
% Aliphatics	6.30%	13.5%	22.7%		
% Aromatics	93.7%	86.5%	77.3%		
Tracer:					
n-Pentane	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	80	µg/m3
<u>Dilution Factor</u>	1	1	1		
<u>Surrogate Recoveries:</u>				<u>QC Limits</u>	
Dibromofluoromethane	98%	101%	101%	60 - 140	
Toluene-d8	102%	102%	101%	60 - 140	
4-Bromofluorobenzene	105%	105%	105%	60 - 140	
<u>Batch ID:</u>	F1-051419-01	F1-051419-01	F1-051419-01		

ND = Value below reporting limit



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore	Report date:	5/15/2019
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	Jones Ref. No.:	ST-13767
		Client Ref. No.:	210886001
Attn:	Patrick Cullip	Date Sampled:	5/14/2019
		Date Received:	5/14/2019
Project:	Compton High School PEA	Date Analyzed:	5/14/2019
Project Address:	601 S. Acacia Ave Compton, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD	SAMPLING		
	BLANK	BLANK		
<u>Jones ID:</u>	051419- F1MB1	051419- F1SB1	<u>Reporting Limit</u>	<u>Units</u>
Analytes:				
Benzene	ND	ND	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	10	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

<u>Sample ID:</u>	METHOD	SAMPLING		
	BLANK	BLANK		
<u>Jones ID:</u>	051419- F1MB1	051419- F1SB1	<u>Reporting Limit</u>	<u>Units</u>
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	8	µg/m3
Freon 113	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	16	µg/m3
Tetrachloroethene	ND	ND	8	µg/m3
Toluene	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	16	µg/m3
o-Xylene	ND	ND	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	400	µg/m3
% Aliphatics	6.30%			
% Aromatics	93.7%			
Tracer:				
n-Pentane	ND	ND	80	µg/m3
n-Hexane	ND	ND	80	µg/m3
n-Heptane	ND	ND	80	µg/m3
<u>Dilution Factor</u>	1	1		
<u>Surrogate Recoveries:</u>			<u>QC Limits</u>	
Dibromofluoromethane	98%	96%	60 - 140	
Toluene-d8	103%	103%	60 - 140	
4-Bromofluorobenzene	101%	100%	60 - 140	
<u>Batch ID:</u>	F1-051419- 01	F1-051419- 01		

ND = Value below reporting limit



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JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Ninyo & Moore	Report date:	5/15/2019
Client Address:	475 Goddard, Suite 200 Irvine, CA 92618	Jones Ref. No.:	ST-13767
		Client Ref. No.:	210886001
Attn:	Patrick Cullip	Date Sampled:	5/14/2019
		Date Received:	5/14/2019
Project:	Compton High School PEA	Date Analyzed:	5/14/2019
Project Address:	601 S. Acacia Ave Compton, CA	Physical State:	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Batch ID:	F1-051419-01					
Jones ID:	051419-FILCS1	051419-FILCSD1			051419-F1CCV1	
<u>Parameter</u>	LCS Recovery (%)	LCSD Recovery (%)	<u>RPD</u>	Acceptability Range (%)	<u>CCV</u>	Acceptability Range (%)
Vinyl chloride	80%	72%	10.0%	60 - 140	115%	80 - 120
1,1-Dichloroethene	98%	87%	12.5%	60 - 140	116%	80 - 120
Cis-1,2-Dichloroethene	114%	102%	10.4%	70 - 130	113%	80 - 120
1,1,1-Trichloroethane	107%	96%	11.3%	70 - 130	105%	80 - 120
Benzene	122%	107%	12.5%	70 - 130	120%	80 - 120
Trichloroethene	112%	101%	10.6%	70 - 130	110%	80 - 120
Toluene	126%	110%	13.6%	70 - 130	118%	80 - 120
Tetrachloroethene	101%	88%	14.1%	70 - 130	95%	80 - 120
Chlorobenzene	121%	107%	12.3%	70 - 130	113%	80 - 120
Ethylbenzene	127%	112%	12.7%	70 - 130	117%	80 - 120
1,2,4 Trimethylbenzene	117%	102%	13.4%	70 - 130	105%	80 - 120
Gasoline Range Organics (C4-C12)	123%	108%	13.1%	70 - 130	115%	80 - 120
<u>Surrogate Recovery:</u>						
Dibromofluoromethane	100%	98%		60 - 140	101%	60 - 140
Toluene-ds	101%	100%		60 - 140	101%	60 - 140
4-Bromofluorobenzene	103%	106%		60 - 140	106%	60 - 140

LCS = Laboratory Control Sample
 LCSD = Laboratory Control Sample Duplicate
 CCV = Continuing Calibration Verification
 RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%



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 Santa Fe Springs, CA 90670
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Soil-Gas Chain-of-Custody Record

Client
Ninyo & Moore

Project Name
Compton High School PEA

Project Address
601 S. Acacia Ave

Compton, CA

Email

Phone

Date
5/14/2019

Client Project #
210886001

Purge Number:
 1P 3P 7P 10P

Shut-In Test: (Y) / N

Report Options
 EDD _____
 EDF* - 10% Surcharge _____

*Global ID _____

LAB USE ONLY

Jones Project #
ST-13767

Page
1 of 1

Sample Container:
 GASTIGHT GLASS SYRINGE
 If different than above, see Notes.

Turn Around Requested

Immediate Attention
 Rush 24 Hours
 Rush 48 Hours
 Rush 72 Hours
 Normal
 Mobile Lab

Reporting Limits

Standard Low Level* MDL*
 *surcharge for these limits

Units
 mg/m³

Tracer

n-pentane
 n-hexane
 n-heptane
 Isopropyl Alcohol
 1,1-DFA

Analysis Requested

Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers

Report To
Patrick Cullip

Sampler
Casey Ellis

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics	Magnehelic Vacuum (In/H ₂ O)	Number of Containers	Notes & Special Instructions
AOC3-B2-5	3	1310	5/14/19	14:52	-	ST-13767 01	200	STEVE.2	118003	SG	X	X	<2	1	COLLECTED IN TEDLAR
AOC3-B2-15	3	1470	5/14/19	14:57	-	ST-13767 02	200	ANNALISE.2	118011	SG	X	X	8	1	COLLECTED IN TEDLAR
AOC3-B3-5	3	1310	5/14/19	15:06	-	ST-13767 03	200	STEVE.2	M100.102	SG	X	X	<2	1	COLLECTED IN TEDLAR
AOC3-B3-15	-	-	5/14/19	15:08	-	-	-	-	118003	-	-	-	>100	-	NO FLOW
AOC2-B2-5'	-	-	5/14/19	13:12	-	-	-	-	M100.102	-	-	-	>100	-	NO FLOW
SV10-5'	-	-	5/14/19	8:02	-	-	-	-	118003	-	-	-	>100	-	NO FLOW
SV13-15'	-	-	5/14/19	10:11	-	-	-	-	118003	-	-	-	>100	-	NO FLOW
SV12-19.5'	-	-	5/14/19	10:15	-	-	-	-	118011	-	-	-	>100	-	NO FLOW

Representative Signature

Printed Name
 AUDREY CARROLL

Company
 NINYO & MOORE

Date
 5/14/2019

Time
 1530

Laboratory Signature

Printed Name
 CASEY ELLIS

Company
 JONES ENVIRONMENTAL, INC.

Date
 5/14/2019

Time
 1530

3 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.