



November 04, 2016

Service Request No:R1611461

Mr. Jim Nugent
Monroe County Water Authority
Shorement Water Treatment Plant
P.O. Box 12697
Rochester, NY 14612-0697

Laboratory Results for: WCSD Schroeder HS

Dear Mr.Nugent,

Enclosed are the results of the sample(s) submitted to our laboratory October 18, 2016
For your reference, these analyses have been assigned our service request number **R1611461**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Lisa.Reyes@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Lisa Reyes
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | **FAX** +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

Client: Monroe County Water Authority
Project: WCSD Schroeder HS
Sample Matrix: Drinking Water

Service Request: R1611461
Date Received: 10/18/16

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier I data deliverables. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Any parameters that are not included in the lab's NELAC accreditation are identified on a "Non-Certified Analytes" report in the Miscellaneous Forms Section of this report. Individual analytical results requiring further explanation are flagged with qualifiers and/or discussed below. The flags are explained in the Report Qualifiers and Definitions page in the Miscellaneous Forms section of this report.

Sample Receipt

Seventy drinking water samples were received for analysis at ALS Environmental on 10/18/2016. Any discrepancies noted upon initial sample inspection are noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at $\leq 6^{\circ}\text{C}$ upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Subcontracted Analytical Parameters:

One or more samples were subcontracted to another laboratory for testing. The certified analytical report from the subcontractor has been included in its entirety at the end of this report and includes the name and address of the subcontracted laboratory.

Approved by  Date 11/4/2016



Sample Receipt Information

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

Client: Monroe County Water Authority
Project: WCSD Schroeder HS

Service Request:R1611461

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R1611461-001	MCWA# SHS-E-34-S	10/10/2016	
R1611461-002	MCWA# SHS-NURSE OFFICE-S	10/10/2016	
R1611461-003	MCWA# SHS-NURSE-S	10/10/2016	
R1611461-004	MCWA# SHS-W2-S	10/10/2016	
R1611461-005	MCWA# SHS-N-100-S	10/10/2016	
R1611461-006	MCWA# SHS-N-101-S	10/10/2016	
R1611461-007	MCWA# SHS-NW3-S-L	10/10/2016	
R1611461-008	MCWA# SHS-W3-S	10/10/2016	
R1611461-009	MCWA# SHS-NW5-S-L	10/10/2016	
R1611461-010	MCWA# SHS-NW5-S-R	10/10/2016	
R1611461-011	MCWA# SHS-N4-S	10/10/2016	
R1611461-012	MCWA# SHS-W11-S	10/10/2016	
R1611461-013	MCWA# SHS-W5/W7-S	10/10/2016	
R1611461-014	MCWA# SHS-NW3-S-R	10/10/2016	
R1611461-015	MCWA# SHS-SW6-S	10/10/2016	
R1611461-016	MCWA# SHS-N9-S	10/10/2016	
R1611461-017	MCWA# SHS-FAC-DIN-DF	10/10/2016	
R1611461-018	MCWA# SHS-SW3-S	10/10/2016	
R1611461-019	MCWA# SHS-W22-S	10/10/2016	
R1611461-020	MCWA# SHS-W29-S	10/10/2016	
R1611461-021	MCWA# SHS-WABO-DF-W	10/10/2016	
R1611461-022	MCWA# SHS-WABO-DF-E	10/10/2016	
R1611461-023	MCWA# SHS-WTRM-DF	10/10/2016	
R1611461-024	MCWA# SHS-SMGYM-DF	10/10/2016	
R1611461-025	MCWA# SHS-KITCHEN S-SW	10/10/2016	
R1611461-026	MCWA# SHS-KITCHEN S-NC	10/10/2016	
R1611461-027	MCWA# SHS-KITCHEN S-NC2	10/10/2016	
R1611461-028	MCWA# SHS-CONS-S	10/10/2016	
R1611461-029	MCWA# SHS-GYM-DF-W	10/10/2016	
R1611461-030	MCWA# SHS-KITCHEN S-NW	10/10/2016	
R1611461-031	MCWA# SHS-KITCHEN-S-NE	10/10/2016	
R1611461-032	MCWA# SHS-KITCHEN-S-SE1	10/10/2016	
R1611461-033	MCWA# SHS-KITCHEN-S-SE2	10/10/2016	
R1611461-034	MCWA# SHS-CAFE-DF-E	10/10/2016	
R1611461-035	MCWA# SHS-CAFE-DF-W	10/10/2016	
R1611461-036	MCWA# SHS-KITHCEN-S-#3	10/10/2016	
R1611461-037	MCWA# SHS-W28-S	10/10/2016	
R1611461-038	MCWA# SHS-W28-COFFEE	10/10/2016	
R1611461-039	MCWA# SHS-N18-S	10/10/2016	
R1611461-040	MCWA# SHS-N12-S	10/10/2016	
R1611461-041	MCWA# SHS-E10-S-R	10/10/2016	
R1611461-042	MCWA# SHS-E10-S-M	10/10/2016	

Client: Monroe County Water Authority
Project: WCSO Schroeder HS

Service Request:R1611461

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R1611461-043	MCWA# SHS-E10-S-L	10/10/2016	
R1611461-044	MCWA# SHS-E12-S-R	10/10/2016	
R1611461-045	MCWA# SHS-E12-S-M	10/10/2016	
R1611461-046	MCWA# SHS-E12-S-L	10/10/2016	
R1611461-047	MCWA# SHS-ES-S-R	10/10/2016	
R1611461-048	MCWA# SHS-ES-S-M	10/10/2016	
R1611461-049	MCWA# SHS-ES-S-L	10/10/2016	
R1611461-050	MCWA# SHS-E19-DF	10/10/2016	
R1611461-051	MCWA# SHS-W228-S	10/10/2016	
R1611461-052	MCWA# SHS-E234-DF	10/10/2016	
R1611461-053	MCWA# SHS-W227-DF	10/10/2016	
R1611461-054	MCWA# SHS-MATH-S	10/10/2016	
R1611461-055	MCWA# SHS-E19/E21 BACK-S	10/10/2016	
R1611461-056	MCWA# SHS-E16-S	10/10/2016	
R1611461-057	MCWA# SHS-E33-S	10/10/2016	
R1611461-058	MCWA# SHS-E6-S-R	10/10/2016	
R1611461-059	MCWA# SHS-E6-S-L	10/10/2016	
R1611461-060	MCWA# SHS-E6-S-E	10/10/2016	
R1611461-061	MCWA# SHS-E23 BACK-S	10/10/2016	
R1611461-062	MCWA# SHS-E2-S	10/10/2016	
R1611461-063	MCWA# SHS-E14-S	10/10/2016	
R1611461-064	MCWA# SHS-W200-DF	10/10/2016	
R1611461-065	MCWA# SHS-W221-S	10/10/2016	
R1611461-066	MCWA# SHS-E202-S	10/10/2016	
R1611461-067	MCWA# SHS-W212-S	10/10/2016	
R1611461-068	MCWA# SHS-E203-DF	10/10/2016	
R1611461-069	MCWA# SHS-W201-S	10/10/2016	
R1611461-070	MCWA# SHS-CONCESSIONS-F	10/10/2016	



Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

COC #:	of
ALS Quote #: 38416	

Client Name: Monroe County Water Authority
Address: Po Box 12697
Rochester, NY 14612-0697
Contact: James Nugent
Phone#: 585-442-2000 Ext 531
Project Name/#: WCSD Schroeder H.S.
Bill To: MCWA
TAT ☒ Normal-Standard TAT is 10-12 business days.
☐ Rush-Subject to ALS approval and surcharges.
Date Required: _____ Approved? _____
Email? ☒ -Y jlm.nugent@mcwa.com
Fax? ☐ -Y No.: _____

Container Type																			
Container Size	250 ml																		
Preservative	none																		

Receipt Information (completed by Receiving Lab)

Cooler Temp: _____ Therm ID: _____
No. of Coolers: _____ Y N Initial
Custody Seals Present? ☐ ☐
(If present) Seals Intact? ☐ ☐
Received on Ice? ☐ ☐
COC/Labels Complete/Accurate? ☐ ☐
Cont. In Good Cond.? ☐ ☐
Correct Containers? ☐ ☐
Correct Sample Volumes? ☐ ☐
Correct Preservation? ☐ ☐
Headspace/Volatiles? ☐ ☐
Courier/Tracking #: _____

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	G or C	Matrix	ANALYSES/METHOD REQUESTED	Enter Number of Containers Per Sample or Field Results Below.	Sample/COC Comments
MCWA# <u>SHS-E-34-S</u>	<u>10/10/16</u>		G	DW	Pb		
MCWA# <u>SHS-NURSE OFFICE-S</u>			G	DW	Pb		
MCWA# <u>SHS-NURSE-S</u>			G	DW	Pb		
MCWA# <u>SHS-W2-S</u>			G	DW	Pb		
MCWA# <u>SHS-N-100-S</u>			G	DW	Pb		
MCWA# <u>SHS-N-101-S</u>			G	DW	Pb		
MCWA# <u>SHS-NW3-S-L</u>			G	DW	Pb		
MCWA# <u>SHS-W3-S</u>			G	DW	Pb		
MCWA# <u>SHS-NW5-S-L</u>			G	DW	Pb		
MCWA# <u>SHS-NW5-S-R</u>			G	DW	Pb		

Project Comments:

LOGGED BY (signature): _____ DATE: _____

REVIEWED BY (signature): _____ DATE: _____

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 <u>Damen Yeh</u>	<u>10/18/16</u>	<u>1340</u>	2 <u>J S ALS</u>	<u>10-18</u>	<u>1340</u>
3			4		
5			6		
7			8		
9			10		

Data Deliverables ☐ Standard ☐ CLP-like ☐ USACE ☐ USACE

Reportable to PADEP? Yes ☐ No ☐
PWSID # _____
EDDS: Format Ty _____

Special Processing USACE ☐ Navy ☐ State Samples Collected In ☒ NY ☐ NJ ☐ PA ☐ NC

Sample Disposal Lab ☐

* G=Grab; C=Composite

** Matrix - Al=Air; DW=Drinking Water; GW=Groundwater; Ol=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; V

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 17057

R1611461

Monroe County Water Authority
WCSD SCHROEDER H.S.

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Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

COC #:	of
ALS Quote #: 38416	

Client Name: Monroe County Water Authority
Address: Po Box 12697
Rochester, NY 14612-0697
Contact: James Nugent
Phone#: 585-442-2000 Ext 531
Project Name#: WCSD Schroeder H.S.
Bill To: MCWA
TAT ☒ Normal-Standard TAT is 10-12 business days.
☐ Rush-Subject to ALS approval and surcharges.
Date Required: _____ Approved? _____
Email? ☒ Y jlm.nugent@mcwa.com
Fax? ☐ Y No.: _____

Container Type																			
Container Size	250 ml																		
Preservative	none																		

Receipt Information (completed by Receiving Lab)
Cooler Temp: _____ Therm ID: _____
No. of Coolers: _____ Y N Initial
Custody Seals Present? ☐ Y ☐ N
(If present) Seals Intact? ☐ Y ☐ N
Received on Ice? ☐ Y ☐ N
COC Labels Complete/Accurate? ☐ Y ☐ N
Cont. In Good Cond.? ☐ Y ☐ N
Correct Containers? ☐ Y ☐ N
Correct Sample Volumes? ☐ Y ☐ N
Correct Preservation? ☐ Y ☐ N
Headspace/Volatiles? ☐ Y ☐ N

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	G or C	Matrix	ANALYSES/METHOD REQUESTED	Enter Number of Containers Per Sample or Field Results Below.													
MCWA# <u>SHS-WABO-DF-W</u>	<u>10/10/16</u>		G	DW	Pb														
MCWA# <u>SHS-WABO-DF E</u>			G	DW	Pb														
MCWA# <u>SHS WTRM-DF</u>			G	DW	Pb														
MCWA# <u>SHS SMGYM-DF</u>			G	DW	Pb														
MCWA# <u>SHS Kitchen S-SW</u>			G	DW	Pb														
MCWA# <u>SHS Kitchen S-NC</u>			G	DW	Pb														
MCWA# <u>SHS Kitchen S NC2</u>			G	DW	Pb														
MCWA# <u>SHS CONS-S</u>			G	DW	Pb														
MCWA# <u>SHS GYM-DF-W</u>			G	DW	Pb														
MCWA# <u>SHS Kitchen S-NW</u>			G	DW	Pb														

Courier/Tracking #: _____
Sample/COC Comments
ALS Field Services: ☐ Pickup ☐ Labor
☐ Composite Sampling ☐ Rental Equipment
☐ Other: _____

Project Comments: _____
LOGGED BY (signature): _____
REVIEWED BY (signature): _____
Relinquished By / Company Name: Danay Yabl
Date: 10/19/16 Time: 1340
Received By / Company Name: _____
Date: _____ Time: _____
1 _____
2 _____
3 _____
4 _____
5 _____
6 _____
7 _____
8 _____
9 _____
10 _____

Data Deliverables: ☐ Standard ☐ CLP-like ☐ USACE
Special Processing: USACE ☐ Navy ☐
State Samples Collected In: ☒ NY ☐ NJ ☐ PA ☐ NC
Reportable to PADEP? Yes ☐ No ☐
PWSIC ☐ EDDS ☐
Sample Disposal: 5
R1611461
Monroe County Water Authority
WCSD SCHROEDER H.S.



Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

COC #:	of
ALS Quote #: 38416	

Client Name: Monroe County Water Authority
Address: Po Box 12697
Rochester, NY 14612-0697
Contact: James Nugent
Phone#: 585-442-2000 Ext 531
Project Name/ #:
Bill To: MCWA
TAT ☒ Normal-Standard TAT is 10-12 business days.
☐ Rush-Subject to ALS approval and surcharges.
Date Required: Approved?
Email? ☒ -Y jlm.nugent@mcwa.com
Fax? ☐ -Y No.:

Container Type																			
Container Size	250 ml																		
Preservative	none																		

Receipt Information (completed by Receiving Lab)

Cooler Temp: _____ Therm ID: _____
No. of Coolers: _____ Y N Initial
Custody Seals Present? ☐ Y ☐ N
(If present) Seals Intact? ☐ Y ☐ N
Received on Ice? ☐ Y ☐ N
COC Labels Complete/Accurate? ☐ Y ☐ N
Cont. in Good Cond.? ☐ Y ☐ N
Correct Containers? ☐ Y ☐ N
Correct Sample Volumes? ☐ Y ☐ N
Correct Preservation? ☐ Y ☐ N
Headspace/Volatiles? ☐ Y ☐ N

ANALYSES/METHOD REQUESTED

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	*G or C	**Matrix															
MCWA# SHS-Kitchen-S-NE	10/10/16		G	DW	Pb														
MCWA# SHS-Kitchen-S-SE1			G	DW	Pb														
MCWA# SHS Kitchen-S-SE2			G	DW	Pb														
MCWA# SHS-CAFE-DF-E			G	DW	Pb														
MCWA# SHS-CAFE DF-W			G	DW	Pb														
MCWA# SHS-Kitchen-S #3			G	DW	Pb														
MCWA# SHS-W28-S			G	DW	Pb														
MCWA# SHS-W28-Coffee			G	DW	Pb														
MCWA# SHS N18-S			G	DW	Pb														
MCWA# SHS N12-S			G	DW	Pb														

Enter Number of Containers Per Sample or Field Results Below.

Courier/Tracking #: _____
Sample/COC Comments

Project Comments:

LOGGED BY (signature): _____

REVIEWED BY (signature): _____

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 <i>James Nugent</i>	10/18/16	1340	2		
3			4		
5			6		
7			8		
9			10		

Data Deliverables ☐ Standard ☐ CLP-like ☐ USACE
Special Processing USACE ☐ Navy ☐
State Samples Collected in ☒ NY ☐ NJ ☐ PA ☐ NC
Reportable to PADEP? Yes ☐
Sample Disposal Lab ☐ Special ☐
PWSID # _____

* G=Grab; C=Composite **Matrix - A=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge;
ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, 10 of 109

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Monroe County Water Authority
WCSD SCHROEDER H.S.
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Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
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COC #:

ALS Quote #: 38416

of

Client Name: Monroe County Water Authority

Address: Po Box 12697

Rochester, NY 14612-0697

Contact: James Nugent

Phone#: 585-442-2000 Ext 531

Project Name#: WCSD Schroeder H.S.

Bill To: MCWA

TAT ☒ Normal-Standard TAT is 10-12 business days.
☐ Rush-Subject to ALS approval and surcharges.

Date Required: Approved?

Email? ☒ Y jlm.nugent@mcwa.com

Fax? ☐ Y No.:

Sample Description/Location
(as it will appear on the lab report)

Sample
Date

Time

*G or C

**Matrix

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Sample or Field Results Below.

MCWA# SHS-E10-S-R

10/10/16

G

DW

Pb

MCWA# SHS-E10-S-M

G

DW

Pb

MCWA# SHS-E10-S-L

G

DW

Pb

MCWA# SHS-E12-S-R

G

DW

Pb

MCWA# SHS-E12-S-M

G

DW

Pb

MCWA# SHS-E12-S-L

G

DW

Pb

MCWA# SHS-E3-S-R

G

DW

Pb

MCWA# SHS-E3-S-M

G

DW

Pb

MCWA# SHS-E3-S-L

G

DW

Pb

MCWA# SHS-E19-DF

G

DW

Pb

Receipt Information (completed by Receiving Lab)

Cooler Temp: Therm ID:

No. of Coolers: Y N Initial

Custody Seals Present?

(if present) Seals Intact?

Received on Ice?

COC Labels Complete/Accurate?

Cont. in Good Cond.?

Correct Containers?

Correct Sample Volumes?

Correct Preservation?

Headspace/Volatiles?

Courier/Tracking #:

Sample/COC Comments

ALS Field Services: ☐ Pickup ☐ Labor
☐ Composite Sampling ☐ Rental Equipment
☐ Other:

LOGGED BY (signature):

REVIEWED BY (signature):

Relinquished By / Company Name

Date

Time

Received By / Company Name

Date

Time

Data
Deliverables

☐ Standard

☐ CLP-like

☐ USACE

Special Processing

USACE ☐

Navy ☐

State Samples
Collected In

☒ NY

☐ NJ

☐ PA

☐ NC

Reportable to PADEP?

Yes ☐

PWSID #

Sample Disposal

Lab ☐

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Monroe County Water Authority
WCSD SCHROEDER H.S.



* G=Grab; C=Composite

**Matrix - AI=Air; DW=Drinking Water; GW=Groundwater; OL=Oil; OL=Other Liquid; SL=Sludge; SO=S

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA 1



Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
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COC #:

of

ALS Quote #: 38416

Client Name: Monroe County Water Authority

Address: Po Box 12697

Rochester, NY 14612 0697

Contact: James Nugent

Phone#: 585-442-2000 Ext 531

Project Name#:

Bill To: MCWA

TAT ☒ Normal-Standard TAT is 10-12 business days.
☐ Rush-Subject to ALS approval and surcharges.

Date Required:

Approved?

Email? ☒ -Y jim.nugent@mcwa.com

Fax? ☐ -Y No:

Sample Description/Location
(as it will appear on the lab report)

Sample
Date

Time

G or C

Matrix

ANALYSES/METHOD REQUESTED

Enter Number of Containers Per Sample or Field Results Below.

Receipt Information (completed by Receiving Lab)

Cooler Temp: Therm ID:

No. of Coolers: Y N Initial

Custody Seals Present?

(If present) Seals Intact?

Received on Ice?

COC Labels Complete/Accurate?

Cont. In Good Cond?

Correct Containers?

Correct Sample Volumes?

Correct Preservation?

Headspace/Volatiles?

Courier/Tracking #:

Sample/COC Comments

ALS Field Services: Pickup Labor
Composite Sampling Rental Equipment
Other:

LOGGED BY (signature):

REVIEWED BY (signature):

Relinquished By / Company Name

Date Time

Received By / Company Name

Date Time

Data Deliverables
☐ Standard
☐ CLP-like
☐ USACE

Special Processing

USACE

Navy

State Samples
Collected In

☒ NY

☐ NJ

☐ PA

☐ NC

Sample Disposal

Lab

Special

Reportable to PADEP?

Yes

PWSID #

EPSC

* G-Grab C-Composite

**Matrix - AL-Air, DW-Drinking Water, GW-Groundwater, OL-Oil, QL-Other Liquid, SL-Sludge, SO-

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLETOWN, PA

R1611461

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Monroe County Water Authority
WCSD SCHROEDER H S





Cooler Receipt and Preservation Check Form

R1611461

Monroe County Water Authority
WCSD SCHROEDER H.S.

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Project/Client MCWA Folder Number _____Cooler received on 10-18-16 by TS

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y ☒ N
2	Custody papers properly completed (ink, signed)?	Y ☒ N
3	Did all bottles arrive in good condition (unbroken)?	Y ☒ N
4	Circle: Wet Ice Dry Ice Gel packs present?	Y ☒ N

5a	Perchlorate samples have required headspace?	Y N ☒ NA
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y N ☒ NA
6	Where did the bottles originate?	ALS/ROC CLIENT
7	Soil VOA received as: Bulk Encore 5035set	NA

8. Temperature Readings Date: 10-18 Time: 1340 ID: IR#7 IR#8 From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>23.0</u>						
Correction Factor (°C)	<u>0</u>						
Corrected Temp (°C)	<u>23.0</u>						
Within 0-6°C?	Y ☒ N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed Same Day Rule

& Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: NAAll samples held in storage location: SNO by TS on 10-18-16 at 1340
5035 samples placed in storage location: _____ by _____ on _____ at _____Cooler Breakdown: Date: 10-31-16 Time: 0956 by: TS

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? ☒ YES NO
- Did all bottle labels and tags agree with custody papers? ☒ YES NO
- Were correct containers used for the tests indicated? ☒ YES NO
- Were 5035 vials acceptable (no extra labels, not leaking)? ☒ YES NO
- Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated ☒ NA

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH	Yes=All samples OK
≥12	NaOH									
≤2	HNO ₃		☒	<u>none</u>		<u>all</u>	<u>wnl</u>	<u>B013261564</u>	<u><2</u>	No=Samples were preserved at The lab as listed
≤2	H ₂ SO ₄									
<4	NaHSO ₄									
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add Na ₂ S ₂ O ₃ (CN), ascorbic (phenol).						
	Na ₂ S ₂ O ₃	-	-							PM OK to Adjust:
	ZnAcetate	-	-							
	HCl	**	**							

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: _____
Other Comments: _____

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

PC Secondary Review: MP 10/21/16

*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter

ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

ALS Contact: Lisa Reyes

Project Number: R1611461
Project Manager: Lisa Reyes
QAP: LAB QAP

Pb T-008
200.8

Lab Code	Sample ID	# of Cont.	Matrix	Date	Time	Lab ID	
R1611461-001	MCWA# SHS-E-34-S	1	Drinking Water	10/10/16		Middletown ALS	X
R1611461-002	MCWA# SHS-NURSE OFFICE-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-003	MCWA# SHS-NURSE-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-004	MCWA# SHS-W2-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-005	MCWA# SHS-N-100-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-006	MCWA# SHS-N-101-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-007	MCWA# SHS-NW3-S-L		Drinking Water	10/10/16		Middletown ALS	X
R1611461-008	MCWA# SHS-W3-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-009	MCWA# SHS-NW5-S-L		Drinking Water	10/10/16		Middletown ALS	X
R1611461-010	MCWA# SHS-NW5-S-R		Drinking Water	10/10/16		Middletown ALS	X
R1611461-011	MCWA# SHS-N4-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-012	MCWA# SHS-W11-S	1	Drinking Water	10/10/16		Middletown ALS	X

LC 10/31/16

Special Instructions/Comments H - Test is On Hold P - Test is Authorized for Prep Only	Turnaround Requirements _____ RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 ☒ STANDARD Requested FAX Date: _____ Requested Report Date: 11/08/16	Report Requirements _____ I. Results Only ☒ II. Results + QC Summaries _____ III. Results + QC and Calibration Summaries _____ IV. Data Validation Report with Raw Data PQL/MDL/J <u> N </u> EDD <u> N </u>	Invoice Information PO# 58R1611461 Bill to
---	--	--	--

Relinquished By: Shif mhal 10/31/16/1633

Received By: _____

Airbill Number: _____



Miscellaneous Forms

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REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.	+	Correlation coefficient for MSA is <0.995.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).	N	Inorganics- Matrix spike recovery was outside laboratory limits.
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.	N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.	S	Concentration has been determined using Method of Standard Additions (MSA).
E	Organics- Concentration has exceeded the calibration range for that specific analysis.	W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.	P	Concentration >40% (25% for CLP) difference between the two GC columns.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.	C	Confirmed by GC/MS
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.	Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (100% Difference between two GC columns).
#	Spike was diluted out.	X	See Case Narrative for discussion.
		MRL	Method Reporting Limit. Also known as:
		LOQ	Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
		MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
		LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
		ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.



Rochester Lab ID # for State Certifications¹

Connecticut ID # PH0556	Maine ID #NY0032	New Hampshire ID #
Delaware Accredited	Nebraska Accredited	294100 A/B
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047	North Carolina #676	Virginia #460167

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to <http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads>

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.



INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.



Subcontracted Analytical Parameters

ALS Environmental—Rochester Laboratory

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November 4, 2016

Reports and Invoices
ALS Environmental
1565 Jefferson Road
Building 300, Suite 360
Rochester, NY 14623

Certificate of Analysis

Project Name: **Metals without J values**Workorder: **2185839**

Purchase Order:

Workorder ID: **R1611461**

Dear Reports Invoices:

Enclosed are the analytical results for samples received by the laboratory on Tuesday, November 1, 2016.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

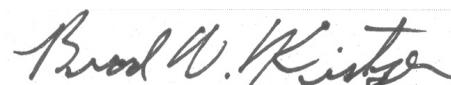
If you have any questions regarding this certificate of analysis, please contact Mr. Brad W Kintzer (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Mr. Brad W Kintzer

Project Coordinator

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SAMPLE SUMMARY

Workorder: 2185839 R1611461

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2185839001	MCWA# SHS-E-34-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839002	MCWA# SHS-NURSE OFFICE-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839003	MCWA# SHS-NURSE-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839004	MCWA# SHS-W2-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839005	MCWA# SHS-N-100-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839006	MCWA# SHS-N-101-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839007	MCWA# SHS-NW3-S-L	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839008	MCWA# SHS-W3-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839009	MCWA# SHS-NW5-S-L	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839010	MCWA# SHS-NW5-S-R	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839011	MCWA# SHS-N4-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839012	MCWA# SHS-W11-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839013	MCWA# SHS-W5/W7-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839014	MCWA# SHS-NW3-S-R	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839015	MCWA# SHS-SW6-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839016	MCWA# SHS-N9-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839017	MCWA# SHS-FAC-DIN-DF	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839018	MCWA# SHS-SW3-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839019	MCWA# SHS-W22-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839020	MCWA# SHS-W29-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839021	MCWA# SHS-WABO-DF-W	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839022	MCWA# SHS-WABO-DF-E	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839023	MCWA# SHS-WTRM-DF	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839024	MCWA# SHS-SMGYM-DF	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839025	MCWA# SHS-KITCHEN-S-SW	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839026	MCWA# SHS-KITCHEN-S-NC	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839027	MCWA# SHS-KITCHEN-S-NC2	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839028	MCWA# SHS-CONS-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839029	MCWA# SHS-GYM-DF-W	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839030	MCWA# SHS-KITCHEN-S-NW	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839031	MCWA# SHS-KITCHEN-S-NE	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839032	MCWA# SHS-KITCHEN-S-SE1	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839033	MCWA# SHS-KITCHEN-S-SE2	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839034	MCWA# SHS-CAFE-DF-E	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client

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SAMPLE SUMMARY

Workorder: 2185839 R1611461

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2185839035	MCWA# SHS-CAFE-DF-W	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839036	MCWA# SHS-KITCHEN-S-#3	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839037	MCWA# SHS-W28-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839038	MCWA# SHS-W28-COFFEE	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839039	MCWA# SHS-N18-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839040	MCWA# SHS-N12-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839041	MCWA# SHS-E10-S-R	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839042	MCWA# SHS-E10-S-M	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839043	MCWA# SHS-E10-S-L	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839044	MCWA# SHS-E12-S-R	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839045	MCWA# SHS-E12-S-M	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839046	MCWA# SHS-E12-S-L	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839047	MCWA# SHS-ES-S-R	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839048	MCWA# SHS-ES-S-M	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839049	MCWA# SHS-ES-S-L	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839050	MCWA# SHS-E19-DF	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839051	MCWA# SHS-W228-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839052	MCWA# SHS-E234-DF	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839053	MCWA# SHS-W227-DF	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839054	MCWA# SHS-MATH-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839055	MCWA# SHS-E19/E21 BACK-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839056	MCWA# SHS-E16-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839057	MCWA# SHS-E33-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839058	MCWA# SHS-E6-S-R	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839059	MCWA# SHS-E6-S-L	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839060	MCWA# SHS-E6-S-E	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839061	MCWA# SHS-E23 BACK-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839062	MCWA# SHS-E2-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839063	MCWA# SHS-E14-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839064	MCWA# SHS-W200-DF	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839065	MCWA# SHS-W221-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839066	MCWA# SHS-E202-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839067	MCWA# SHS-W212-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839068	MCWA# SHS-E203-DF	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client

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SAMPLE SUMMARY

Workorder: 2185839 R1611461

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2185839069	MCWA# SHS-W201-S	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client
2185839070	MCWA# SHS-CONCESSIONS-F	Water	10/10/2016 00:00	11/1/2016 09:17	Collected by Client

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SAMPLE SUMMARY

Workorder: 2185839 R1611461

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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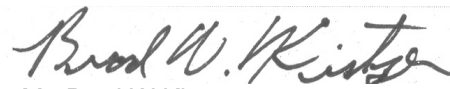
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839001** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-E-34-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.012		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 14:34	MO	A1


Mr. Brad W Kintzer
Project Coordinator

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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839002**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-NURSE OFFICE-S**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.014		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 14:37	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839003** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-NURSE-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0023		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 14:40	MO	A1


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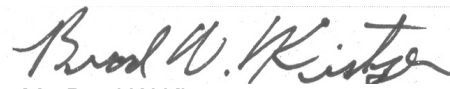
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839004** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W2-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.016		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 14:42	MO	A1


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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839005**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-N-100-S**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.013		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 14:45	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839006** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-N-101-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.25		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 14:48	MO	A1


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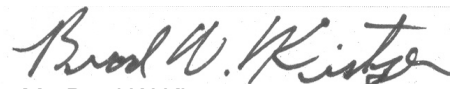
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839007** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-NW3-S-L** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 14:51	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839008** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W3-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0031		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 15:04	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839009** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-NW5-S-L** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 15:07	MO	A1


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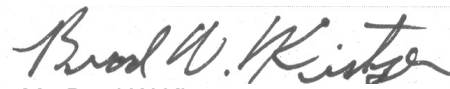
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839010** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-NW5-S-R** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 15:10	MO	A1


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ANALYTICAL RESULTS

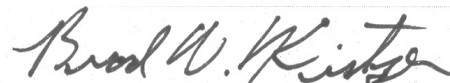
Workorder: 2185839 R1611461

Lab ID: **2185839011** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-N4-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.036		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 15:12	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839012** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W11-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0059		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 15:15	MO	A1

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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839013** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W5/W7-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.018		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 15:18	MO	A1


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ANALYTICAL RESULTS

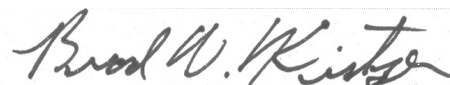
Workorder: 2185839 R1611461

Lab ID: **2185839014** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-NW3-S-R** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	ND		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 15:20	MO	A1
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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839015**
Sample ID: **MCWA# SHS-SW6-S**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0059		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 15:23	MO	A1
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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839016**
Sample ID: **MCWA# SHS-N9-S**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.015		mg/L	0.0020	EPA 200.8	11/2/16 12:13	MO	11/2/16 15:26	MO	A1
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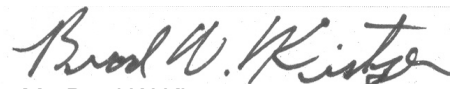
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839017** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-FAC-DIN-DF** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 15:34	MO	A1


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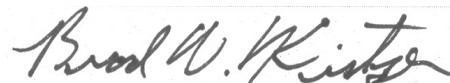
Workorder: 2185839 R1611461

Lab ID: **2185839018** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-SW3-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0041		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:50	MO	A1
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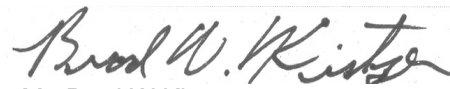
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839019** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W22-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.24		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 15:45	MO	A1


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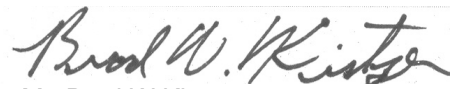
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839020** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W29-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0086		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 15:48	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839021** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-WABO-DF-W** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 15:51	MO	A1

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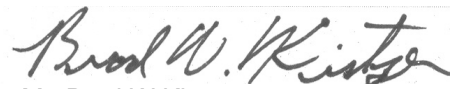
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839022** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-WABO-DF-E** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 15:54	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839023**
Sample ID: **MCWA# SHS-WTRM-DF**

Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0085		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 15:56	MO	A1

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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839024** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-SMGYM-DF** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0027		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 15:59	MO	A1


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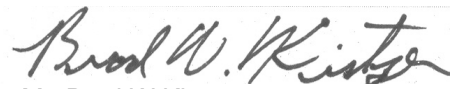
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839025** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-KITCHEN-S-SW** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.022		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:07	MO	A1


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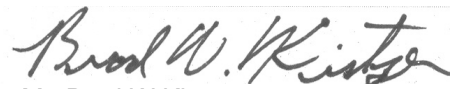
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839026** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-KITCHEN-S-NC** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0068		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:10	MO	A1


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ANALYTICAL RESULTS

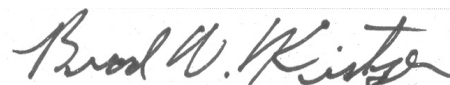
Workorder: 2185839 R1611461

Lab ID: **2185839027** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-KITCHEN-S-NC2** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0032		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:12	MO	A1
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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839028**
Sample ID: **MCWA# SHS-CONS-S**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:20	MO	A1

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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839029** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-GYM-DF-W** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0023		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:23	MO	A1

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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839030**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-KITCHEN-S-NW**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.012		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:26	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839031** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-KITCHEN-S-NE** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.011		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:28	MO	A1

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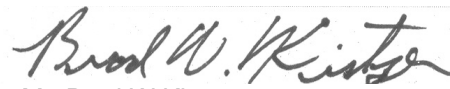
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839032** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-KITCHEN-S-SE1** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.012		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:31	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839033** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-KITCHEN-S-SE2** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.041		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:39	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839034** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-CAFE-DF-E** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.010		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:42	MO	A1


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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839035**
Sample ID: **MCWA# SHS-CAFE-DF-W**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0083		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:45	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839036** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-KITCHEN-S-#3** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.091		mg/L	0.0020	EPA 200.8	11/2/16 12:15	MO	11/2/16 16:47	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839037** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W28-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0098		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:18	MO	A1


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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839038**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-W28-COFFEE**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.035		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:26	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839039** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-N18-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.065		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:28	MO	A1


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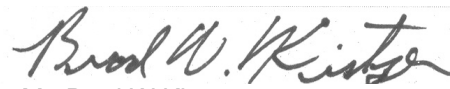
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839040** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-N12-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.010		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:31	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839041** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-E10-S-R** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0077		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:34	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839042**
Sample ID: **MCWA# SHS-E10-S-M**

Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0057		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:36	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839043** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-E10-S-L** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0033		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:44	MO	A1

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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839044**
Sample ID: **MCWA# SHS-E12-S-R**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0054		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:47	MO	A1

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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839045**
Sample ID: **MCWA# SHS-E12-S-M**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0045		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:50	MO	A1
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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839046**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-E12-S-L**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.030		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:52	MO	A1
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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839047**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-ES-S-R**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.012		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 16:55	MO	A1
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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839048**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-ES-S-M**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0066		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 17:03	MO	A1

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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839049** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-ES-S-L** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0037		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 17:05	MO	A1


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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839050**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-E19-DF**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0032		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 17:08	MO	A1
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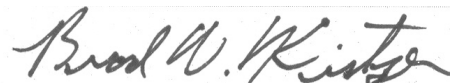
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839051** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W228-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.021		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 17:16	MO	A1



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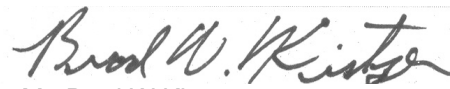
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839052** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-E234-DF** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.094		mg/L	0.0010	EPA 200.8	11/3/16 09:16	TRR	11/4/16 05:45	ZMC	A1


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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839053**
Sample ID: **MCWA# SHS-W227-DF**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.018		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 17:19	MO	A1

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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839054** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-MATH-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.018		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 17:22	MO	A1


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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839055**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-E19/E21 BACK-S**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.097		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 17:24	MO	A1
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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839056**
Sample ID: **MCWA# SHS-E16-S**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.014		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 17:27	MO	A1
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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839057**
Sample ID: **MCWA# SHS-E33-S**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.011		mg/L	0.0020	EPA 200.8	11/2/16 15:02	MO	11/2/16 17:29	MO	A1

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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839058**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-E6-S-R**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0020		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 17:32	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839059** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-E6-S-L** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.0035		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 17:40	MO	A1

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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839060**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-E6-S-E**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0031		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 17:48	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839061** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-E23 BACK-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.22		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 17:51	MO	A1


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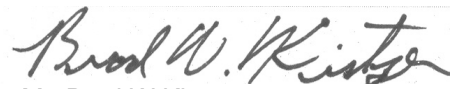
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839062** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-E2-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.039		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 17:53	MO	A1


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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839063**
Sample ID: **MCWA# SHS-E14-S**Date Collected: 10/10/2016 00:00 Matrix: Water
Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.039		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 17:56	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839064** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W200-DF** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.032		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 17:59	MO	A1


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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839065**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-W221-S**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.020		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 18:01	MO	A1
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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839066** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-E202-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.015		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 18:04	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839067** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W212-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.012		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 18:07	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839068** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-E203-DF** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	ND		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 18:09	MO	A1


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ANALYTICAL RESULTS

Workorder: 2185839 R1611461

Lab ID: **2185839069** Date Collected: 10/10/2016 00:00 Matrix: Water
Sample ID: **MCWA# SHS-W201-S** Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
METALS										
Lead, Total	0.041		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 18:23	MO	A1


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**ANALYTICAL RESULTS**

Workorder: 2185839 R1611461

Lab ID: **2185839070**

Date Collected: 10/10/2016 00:00

Matrix: Water

Sample ID: **MCWA# SHS-CONCESSIONS-F**

Date Received: 11/1/2016 09:17

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
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METALS

Lead, Total	0.0077		mg/L	0.0020	EPA 200.8	11/2/16 15:04	MO	11/2/16 18:25	MO	A1
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QUALITY CONTROL DATA

Workorder: 2185839 R1611461

QC Batch: MDIG/60599 **Analysis Method:** EPA 200.8

QC Batch Method: EPA ACIDT

Associated Lab Samples: 2185839001, 2185839002, 2185839003, 2185839004, 2185839005, 2185839006, 2185839007, 2185839008, 2185839009, 2185839010, 2185839011, 2185839012, 2185839013, 2185839014, 2185839015, 2185839016

METHOD BLANK: 2433637

Parameter	Blank Result	Units	Reporting Limit
Lead, Total	ND	mg/L	0.0020

LABORATORY CONTROL SAMPLE: 2433638

Parameter	LCS % Rec	Units	Spike Conc.	LCS Result	% Rec Limit
Lead, Total	98.2	mg/L	.005	0.0049	85 - 115

MATRIX SPIKE: 2433639 DUPLICATE: 2433640 ORIGINAL: 2185834021

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Parameter	Original Result	Units	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Lead, Total	.00042	mg/L	.1	.10304	.10501	103	105	70 - 130	1.9	20

MATRIX SPIKE: 2433641 DUPLICATE: 2433642 ORIGINAL: 2185839007

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Parameter	Original Result	Units	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Lead, Total	.0019	mg/L	.1	.10676	.10428	105	102	70 - 130	2.35	20

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QUALITY CONTROL DATA

Workorder: 2185839 R1611461

QC Batch: MDIG/60601 **Analysis Method:** EPA 200.8

QC Batch Method: EPA ACIDT

Associated Lab Samples: 2185839017, 2185839018, 2185839019, 2185839020, 2185839021, 2185839022, 2185839023, 2185839024, 2185839025, 2185839026, 2185839027, 2185839028, 2185839029, 2185839030, 2185839031, 2185839032.

METHOD BLANK: 2433650

Parameter	Blank Result	Units	Reporting Limit
Lead, Total	ND	mg/L	0.0020

LABORATORY CONTROL SAMPLE: 2433651

Parameter	LCS % Rec	Units	Spike Conc.	LCS Result	% Rec Limit
Lead, Total	95.3	mg/L	.005	0.0048	85 - 115

MATRIX SPIKE: 2433652 DUPLICATE: 2433653 ORIGINAL: 2185839017

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Parameter	Original Result	Units	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Lead, Total	0	mg/L	.1	.09884	.10395	98.8	104	70 - 130	5.04	20

MATRIX SPIKE: 2433654 DUPLICATE: 2433655 ORIGINAL: 2185839027

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Parameter	Original Result	Units	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Lead, Total	.00317	mg/L	.1	.10786	.10387	105	101	70 - 130	3.77	20

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QUALITY CONTROL DATA

Workorder: 2185839 R1611461

QC Batch: MDIG/60602 **Analysis Method:** EPA 200.8

QC Batch Method: EPA ACIDT

Associated Lab Samples: 2185839037, 2185839038, 2185839039, 2185839040, 2185839041, 2185839042, 2185839043, 2185839044, 2185839045, 2185839046, 2185839047, 2185839048, 2185839049, 2185839050, 2185839051, 2185839053.

METHOD BLANK: 2433727

Parameter	Blank Result	Units	Reporting Limit
Lead, Total	ND	mg/L	0.0020

LABORATORY CONTROL SAMPLE: 2433728

Parameter	LCS % Rec	Units	Spike Conc.	LCS Result	% Rec Limit
Lead, Total	95.9	mg/L	.005	0.0048	85 - 115

MATRIX SPIKE: 2433729 DUPLICATE: 2433730 ORIGINAL: 2185839037

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Parameter	Original Result	Units	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Lead, Total	.0098	mg/L	.1	.11396	.11036	104	101	70 - 130	3.21	20

MATRIX SPIKE: 2433731 DUPLICATE: 2433732 ORIGINAL: 2185839047

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Parameter	Original Result	Units	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Lead, Total	.01195	mg/L	.1	.1152	.11465	103	103	70 - 130	.48	20

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QUALITY CONTROL DATA

Workorder: 2185839 R1611461

QC Batch: MDIG/60603 **Analysis Method:** EPA 200.8

QC Batch Method: EPA ACIDT

Associated Lab Samples: 2185839058, 2185839059, 2185839060, 2185839061, 2185839062, 2185839063, 2185839064, 2185839065, 2185839066, 2185839067, 2185839068, 2185839069, 2185839070

METHOD BLANK: 2433733

Parameter	Blank Result	Units	Reporting Limit
Lead, Total	ND	mg/L	0.0020

LABORATORY CONTROL SAMPLE: 2433734

Parameter	LCS % Rec	Units	Spike Conc.	LCS Result	% Rec Limit
Lead, Total	97.8	mg/L	.005	0.0049	85 - 115

MATRIX SPIKE: 2433735 DUPLICATE: 2433736 ORIGINAL: 2185839058

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Parameter	Original Result	Units	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Lead, Total	.00202	mg/L	.1	.10183	.10024	99.8	98.2	70 - 130	1.57	20

MATRIX SPIKE: 2433737 DUPLICATE: 2433738 ORIGINAL: 2185839068

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Parameter	Original Result	Units	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD
Lead, Total	.00096	mg/L	.1	.11187	.10584	111	105	70 - 130	5.53	20

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QUALITY CONTROL DATA

Workorder: 2185839 R1611461

QC Batch: MDIG/60622 **Analysis Method:** EPA 200.8
QC Batch Method: EPA TRMD
Associated Lab Samples: 2185839052

METHOD BLANK: 2434110

Parameter	Blank Result	Units	Reporting Limit
Lead, Total	ND	mg/L	0.0010

LABORATORY CONTROL SAMPLE: 2434111

Parameter	LCS % Rec	Units	Spike Conc.	LCS Result	% Rec Limit
Lead, Total	104	mg/L	.05	0.052	85 - 115

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2185839 R1611461

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
2185839001	MCWA# SHS-E-34-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839002	MCWA# SHS-NURSE OFFICE-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839003	MCWA# SHS-NURSE-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839004	MCWA# SHS-W2-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839005	MCWA# SHS-N-100-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839006	MCWA# SHS-N-101-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839007	MCWA# SHS-NW3-S-L	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839008	MCWA# SHS-W3-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839009	MCWA# SHS-NW5-S-L	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839010	MCWA# SHS-NW5-S-R	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839011	MCWA# SHS-N4-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839012	MCWA# SHS-W11-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839013	MCWA# SHS-W5/W7-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839014	MCWA# SHS-NW3-S-R	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839015	MCWA# SHS-SW6-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839016	MCWA# SHS-N9-S	EPA ACIDT	MDIG/60599	EPA 200.8	META/54821
2185839017	MCWA# SHS-FAC-DIN-DF	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839018	MCWA# SHS-SW3-S	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839019	MCWA# SHS-W22-S	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839020	MCWA# SHS-W29-S	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839021	MCWA# SHS-WABO-DF-W	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839022	MCWA# SHS-WABO-DF-E	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839023	MCWA# SHS-WTRM-DF	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839024	MCWA# SHS-SMGYM-DF	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839025	MCWA# SHS-KITCHEN-S-SW	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839026	MCWA# SHS-KITCHEN-S-NC	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839027	MCWA# SHS-KITCHEN-S-NC2	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839028	MCWA# SHS-CONS-S	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839029	MCWA# SHS-GYM-DF-W	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839030	MCWA# SHS-KITCHEN-S-NW	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821

ALS Environmental Laboratory Locations Across North America

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Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2185839 R1611461

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
2185839031	MCWA# SHS-KITCHEN-S-NE	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839032	MCWA# SHS-KITCHEN-S-SE1	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839033	MCWA# SHS-KITCHEN-S-SE2	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839034	MCWA# SHS-CAFE-DF-E	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839035	MCWA# SHS-CAFE-DF-W	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839036	MCWA# SHS-KITCHEN-S-#3	EPA ACIDT	MDIG/60601	EPA 200.8	META/54821
2185839037	MCWA# SHS-W28-S	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839038	MCWA# SHS-W28-COFFEE	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839039	MCWA# SHS-N18-S	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839040	MCWA# SHS-N12-S	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839041	MCWA# SHS-E10-S-R	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839042	MCWA# SHS-E10-S-M	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839043	MCWA# SHS-E10-S-L	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839044	MCWA# SHS-E12-S-R	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839045	MCWA# SHS-E12-S-M	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839046	MCWA# SHS-E12-S-L	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839047	MCWA# SHS-ES-S-R	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839048	MCWA# SHS-ES-S-M	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839049	MCWA# SHS-ES-S-L	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839050	MCWA# SHS-E19-DF	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839051	MCWA# SHS-W228-S	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839053	MCWA# SHS-W227-DF	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839054	MCWA# SHS-MATH-S	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839055	MCWA# SHS-E19/E21 BACK-S	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839056	MCWA# SHS-E16-S	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839057	MCWA# SHS-E33-S	EPA ACIDT	MDIG/60602	EPA 200.8	META/54823
2185839058	MCWA# SHS-E6-S-R	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839059	MCWA# SHS-E6-S-L	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839060	MCWA# SHS-E6-S-E	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823

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Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 2185839 R1611461

Lab ID	Sample ID	Prep Method	Prep Batch	Analysis Method	Analysis Batch
2185839061	MCWA# SHS-E23 BACK-S	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839062	MCWA# SHS-E2-S	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839063	MCWA# SHS-E14-S	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839064	MCWA# SHS-W200-DF	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839065	MCWA# SHS-W221-S	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839066	MCWA# SHS-E202-S	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839067	MCWA# SHS-W212-S	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839068	MCWA# SHS-E203-DF	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839069	MCWA# SHS-W201-S	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839070	MCWA# SHS- CONCESSIONS-F	EPA ACIDT	MDIG/60603	EPA 200.8	META/54823
2185839052	MCWA# SHS-E234-DF	EPA TRMD	MDIG/60622	EPA 200.8	META/54852

ALS Environmental Laboratory Locations Across North America

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ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

ALS Contact: Lisa Reyes



Project Number: R1611461
Project Manager: Lisa Reyes
QAP: LAB QAP

Lab Code	Sample ID	# of Cont.	Matrix	Sample		Lab ID
				Date	Time	
R1611461-001	MCWA# SHS-E-34-S	1	Drinking Water	10/10/16		Middletown ALS
R1611461-002	MCWA# SHS-NURSE OFFICES		Drinking Water	10/10/16		Middletown ALS
R1611461-003	MCWA# SHS-NURSE-S		Drinking Water	10/10/16		Middletown ALS
R1611461-004	MCWA# SHS-W2-S		Drinking Water	10/10/16		Middletown ALS
R1611461-005	MCWA# SHS-N-100-S		Drinking Water	10/10/16		Middletown ALS
R1611461-006	MCWA# SHS-N-101-S		Drinking Water	10/10/16		Middletown ALS
R1611461-007	MCWA# SHS-NW3-S-L		Drinking Water	10/10/16		Middletown ALS
R1611461-008	MCWA# SHS-W3-S		Drinking Water	10/10/16		Middletown ALS
R1611461-009	MCWA# SHS-NW5-S-L		Drinking Water	10/10/16		Middletown ALS
R1611461-010	MCWA# SHS-NW5-S-R		Drinking Water	10/10/16		Middletown ALS
R1611461-011	MCWA# SHS-N4-S		Drinking Water	10/10/16		Middletown ALS
R1611461-012	MCWA# SHS-W11-S		Drinking Water	10/10/16		Middletown ALS

Pb T 200.8

JMP 11/1/16 @ 1250

Y N Initials Cooler Temp: 15°C
Cooler #:
Therm ID: 17352
Ship Carrier: UPS
FedEx
DHL
Tracking # 6826 80169602

Custody Seals Present? ☒
(if present) Seals Intact? ☒
Received on Ice? ☒
COC/Lbls Complete ☒
Cont in Good Cond? ☒
Correct Containers? ☒
Correct Samp Vol? ☒
Correct Preservation? ☒
Headspace/Volatiles? ☒
Tracking # 6826 80169602

10/31/16

Special Instructions/Comments	Turnaround Requirements	Report Requirements	Invoice Information
	RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 ☒ STANDARD Requested FAX Date: 11/08/16 Requested Report Date: 11/08/16	I. Results Only ☒ II. Results + QC Summaries ☐ III. Results + QC and Calibration Summaries ☐ IV. Data Validation Report with Raw Data PQ/MDL/J ☒ EDD ☒	PO# 58R1611461 Bill to

H - Test is On Hold P - Test is Authorized for Prep Only

Relinquished By: *[Signature]* 10/31/16 1633 Received By: *[Signature]* 11/1/16 0917 Airbill Number: 0917

ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

ALS Contact: Lisa Reyes

Project Number: RI1611461
Project Manager: Lisa Reyes
QAP: LAB QAP

Lab Code	Sample ID	# of Cont.	Matrix	Date	Time	Lab ID
RI1611461-013	MCWA# SHS-W5/W7-S	1	Drinking Water	10/10/16		Middletown ALS
RI1611461-014	MCWA# SHS-NW3-S-R	1	Drinking Water	10/10/16		Middletown ALS
RI1611461-015	MCWA# SHS-SW6-S		Drinking Water	10/10/16		Middletown ALS
RI1611461-016	MCWA# SHS-N9-S		Drinking Water	10/10/16		Middletown ALS
RI1611461-017	MCWA# SHS-FAC-DIN-DF		Drinking Water	10/10/16		Middletown ALS
RI1611461-018	MCWA# SHS-SW3-S		Drinking Water	10/10/16		Middletown ALS
RI1611461-019	MCWA# SHS-W22-S		Drinking Water	10/10/16		Middletown ALS
RI1611461-020	MCWA# SHS-W29-S		Drinking Water	10/10/16		Middletown ALS
RI1611461-021	MCWA# SHS-WABO-DF-W		Drinking Water	10/10/16		Middletown ALS
RI1611461-022	MCWA# SHS-WABO-DF-E		Drinking Water	10/10/16		Middletown ALS
RI1611461-023	MCWA# SHS-WTRM-DF		Drinking Water	10/10/16		Middletown ALS
RI1611461-024	MCWA# SHS-SMGYM-DF	1	Drinking Water	10/10/16		Middletown ALS

Pb T 4.8
200.8

LR10/31/16

Special Instructions/Comments	Turnaround Requirements	Report Requirements	Invoice Information
	RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 ☒ STANDARD Requested FAX Date: _____ Requested Report Date: 11/08/16	☐ I. Results Only ☒ II. Results + QC Summaries ☐ III. Results + QC and Calibration Summaries ☐ IV. Data Validation Report with Raw Data PQL/MDL/1 <u>N</u> EDD <u>N</u>	

H - Test is On Hold P - Test is Authorized for Prep Only

Relinquished By: John White 10/31/16/1633

Received By: [Signature]

Airbill Number: _____

ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

ALS Contact: Lisa Reyes

Project Number: R1611461
Project Manager: Lisa Reyes
QAP: LAB QAP

Lab Code	Sample ID	# of Cont.	Matrix	Sample		Lab ID
				Date	Time	
R1611461-025	MCWA# SHS-KITCHEN S-SW	1	Drinking Water	10/10/16		Middletown ALS
R1611461-026	MCWA# SHS-KITCHEN S-NC		Drinking Water	10/10/16		Middletown ALS
R1611461-027	MCWA# SHS-KITCHEN S-NC2		Drinking Water	10/10/16		Middletown ALS
R1611461-028	MCWA# SHS-CONS-S		Drinking Water	10/10/16		Middletown ALS
R1611461-029	MCWA# SHS-GYM-DF-W		Drinking Water	10/10/16		Middletown ALS
R1611461-030	MCWA# SHS-KITCHEN S-NW		Drinking Water	10/10/16		Middletown ALS
R1611461-031	MCWA# SHS-KITCHEN S-NE		Drinking Water	10/10/16		Middletown ALS
R1611461-032	MCWA# SHS-KITCHEN S-SE1		Drinking Water	10/10/16		Middletown ALS
R1611461-033	MCWA# SHS-KITCHEN S-SE2		Drinking Water	10/10/16		Middletown ALS
R1611461-034	MCWA# SHS-CAFE-DF-E		Drinking Water	10/10/16		Middletown ALS
R1611461-035	MCWA# SHS-CAFE-DF-W		Drinking Water	10/10/16		Middletown ALS
R1611461-036	MCWA# SHS-KITCHEN S-S3	1	Drinking Water	10/10/16		Middletown ALS

200.8

LR 10/31/16

Special Instructions/Comments H - Test is On Hold P - Test is Authorized for Prep Only	Turnaround Requirements RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 X STANDARD Requested FAX Date: _____ Requested Report Date: 11/08/16	Report Requirements I. Results Only X II. Results + QC Summaries III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data PQL/MDL/J <u>N</u> EDD <u>N</u>	Invoice Information PO# 58R1611461 Bill to
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Relinquished By: [Signature] 10/31/16 1633 Received By: [Signature] 10/31/16 0917 Airbill Number: _____

ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

ALS Contact: Lisa Reyes

Project Number: R1611461
Project Manager: Lisa Reyes
QAP: LAB QAP

Lab Code	Sample ID	# of Cont.	Matrix	Sample		Lab ID
				Date	Time	
R1611461-037	MCWA# SHS-W28-S	1	Drinking Water	10/10/16		Middletown ALS
R1611461-038	MCWA# SHS-W28-COFFEE		Drinking Water	10/10/16		Middletown ALS
R1611461-039	MCWA# SHS-N18-S		Drinking Water	10/10/16		Middletown ALS
R1611461-040	MCWA# SHS-N12-S		Drinking Water	10/10/16		Middletown ALS
R1611461-041	MCWA# SHS-E10-S-R		Drinking Water	10/10/16		Middletown ALS
R1611461-042	MCWA# SHS-E10-S-M		Drinking Water	10/10/16		Middletown ALS
R1611461-043	MCWA# SHS-E10-S-L		Drinking Water	10/10/16		Middletown ALS
R1611461-044	MCWA# SHS-E12-S-R		Drinking Water	10/10/16		Middletown ALS
R1611461-045	MCWA# SHS-E12-S-M		Drinking Water	10/10/16		Middletown ALS
R1611461-046	MCWA# SHS-E12-S-L		Drinking Water	10/10/16		Middletown ALS
R1611461-047	MCWA# SHS-ES-S-R		Drinking Water	10/10/16		Middletown ALS
R1611461-048	MCWA# SHS-ES-S-M		Drinking Water	10/10/16		Middletown ALS

Pb T 200.8

LE 10/31/16

Special Instructions/Comments		Turnaround Requirements	Report Requirements	Invoice Information
H - Test is On Hold P - Test is Authorized for Prep Only		<u> </u> RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 <u> </u> STANDARD Requested FAX Date: <u> </u> Requested Report Date: <u>11/08/16</u>	<u> </u> I. Results Only <u> </u> II. Results + QC Summaries <u> </u> III. Results + QC and Calibration Summaries <u> </u> IV. Data Validation Report with Raw Data PQL/MDL/1 <u> </u> N <u> </u> EDD <u> </u> N <u> </u>	PO# 58R1611461
				Bill to

Relinquished By: [Signature] 10/31/16/1053
Received By: [Signature] 10/16/16 0917
Airbill Number:

ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

ALS Contact: Lisa Reyes

Project Number: R1611461
Project Manager: Lisa Reyes
QAP: LAB QAP

Lab Code	Sample ID	# of Cont.	Matrix	Sample Time		Lab ID	Pb T Und 200.8
				Date	Time		
R1611461-049	MCWA# SHS-ES-S-L	1	Drinking Water	10/10/16		Middletown ALS	X
R1611461-050	MCWA# SHS-E19-DF		Drinking Water	10/10/16		Middletown ALS	X
R1611461-051	MCWA# SHS-W228-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-052	MCWA# SHS-E234-DF		Drinking Water	10/10/16		Middletown ALS	X
R1611461-053	MCWA# SHS-W227-DF		Drinking Water	10/10/16		Middletown ALS	X
R1611461-054	MCWA# SHS-MATH-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-055	MCWA# SHS-E19/E21 BACK-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-056	MCWA# SHS-E16-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-057	MCWA# SHS-E33-S		Drinking Water	10/10/16		Middletown ALS	X
R1611461-058	MCWA# SHS-E6-S-R		Drinking Water	10/10/16		Middletown ALS	X
R1611461-059	MCWA# SHS-E6-S-L		Drinking Water	10/10/16		Middletown ALS	X
R1611461-060	MCWA# SHS-E6-S-E		Drinking Water	10/10/16		Middletown ALS	X

UP 10/31/16

Special Instructions/Comments H - Test is On Hold P - Test is Authorized for Prep Only	Turnaround Requirements RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 ☒ STANDARD Requested FAX Date: _____ Requested Report Date: 11/08/16	Report Requirements I. Results Only ☒ II. Results + QC Summaries III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data PQL/MDL/J N EDD N	Invoice Information PO# 58R1611461 Bill to
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Relinquished By: disf whd 10/31/16/1633 Received By: [Signature] 11/16/16 0917 Airbill Number: _____

ALS Environmental Chain of Custody

1565 Jefferson Rd, Building 300 • Rochester, NY 14623 • 585-288-5380 • FAX 585-288-8475

ALS Contact: Lisa Reyes

Project Number: R1611461
Project Manager: Lisa Reyes
QAP: LAB QAP

Lab Code	Sample ID	# of Cont.	Matrix	Sample		Lab ID
				Date	Time	
R1611461-061	MCWA# SHS-E23 BACK-S	1	Drinking Water	10/10/16		Middletown ALS
R1611461-062	MCWA# SHS-E2-S		Drinking Water	10/10/16		Middletown ALS
R1611461-063	MCWA# SHS-E14-S		Drinking Water	10/10/16		Middletown ALS
R1611461-064	MCWA# SHS-W200-DF		Drinking Water	10/10/16		Middletown ALS
R1611461-065	MCWA# SHS-W221-S		Drinking Water	10/10/16		Middletown ALS
R1611461-066	MCWA# SHS-E202-S		Drinking Water	10/10/16		Middletown ALS
R1611461-067	MCWA# SHS-W212-S		Drinking Water	10/10/16		Middletown ALS
R1611461-068	MCWA# SHS-E203-DF		Drinking Water	10/10/16		Middletown ALS
R1611461-069	MCWA# SHS-W201-S		Drinking Water	10/10/16		Middletown ALS
R1611461-070	MCWA# SHS-CONCESSIONS-F		Drinking Water	10/10/16		Middletown ALS

PT 11
200.8

LR10/31/16

Special Instructions/Comments H - Test is On Hold P - Test is Authorized for Prep Only	Turnaround Requirements RUSH (Surcharges Apply) PLEASE CIRCLE WORK DAYS 1 2 3 4 5 ☒ STANDARD Requested FAX Date: _____ Requested Report Date: 11/08/16 ✓	Report Requirements ☐ I. Results Only ☒ II. Results + QC Summaries ☐ III. Results + QC and Calibration Summaries ☐ IV. Data Validation Report with Raw Data PQL/MDL/J <u>N</u> EDD <u>N</u>	Invoice Information PO# 58R1611461 Bill to _____
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Received By:

Airbill Number:

Relinquished By:

10/31/16 16:33

[Signature]