



October 18, 2016

Service Request No:R1610136

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

Laboratory Results for: WCSD-Plank North

Dear Mr.Nugent,

Enclosed are the results of the sample(s) submitted to our laboratory September 23, 2016
For your reference, these analyses have been assigned our service request number **R1610136**.

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-Plank North
Sample Matrix: Drinking Water

Service Request:R1610136
Date Received:9/23/16

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

Fifty eight drinking water samples were received for analysis at ALS Environmental on 09/23/2016. 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.

Metals Analyses:

No significant anomalies were noted with this analysis.

Approved by  Date 10/18/2016



SAMPLE DETECTION SUMMARY

CLIENT ID: MCWA#PN-Kitchen-Dish-F		Lab ID: R1610136-001				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	8.9		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-Kitchen-Hand-F		Lab ID: R1610136-002				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	5.3		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-Nurse #2-F		Lab ID: R1610136-003				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	7.0		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-Faculty-F		Lab ID: R1610136-004				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	9.2		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-Gym-N-Girls-DF		Lab ID: R1610136-005				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	5.8		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-2-DF		Lab ID: R1610136-006				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	9.0		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-2-F		Lab ID: R1610136-007				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	8.2		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-100-DF		Lab ID: R1610136-008				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	11.3		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-100-F		Lab ID: R1610136-009				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	12.8		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-101-DF		Lab ID: R1610136-010				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	14.5		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-101-F		Lab ID: R1610136-011				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	8.7		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-102-F		Lab ID: R1610136-012				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	7.5		0.10	1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

CLIENT ID: MCWA#PN-102-DF		Lab ID: R1610136-013				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	6.0		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-103-F		Lab ID: R1610136-014				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	12.6		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-103-DF		Lab ID: R1610136-015				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	9.1		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-104-F		Lab ID: R1610136-016				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	12.0		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-104-DF		Lab ID: R1610136-017				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	6.6		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-105-F		Lab ID: R1610136-018				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	10.3		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-105-DF		Lab ID: R1610136-019				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	5.8		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-106-F		Lab ID: R1610136-020				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	11.4		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-106-DF		Lab ID: R1610136-021				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	9.8		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-107-F		Lab ID: R1610136-022				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	13.6		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-107-DF		Lab ID: R1610136-023				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	7.8		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-108-F		Lab ID: R1610136-024				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	10.6		0.10	1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

CLIENT ID: MCWA#PN-108-DF		Lab ID: R1610136-025				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	12.1		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-110-F		Lab ID: R1610136-026				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	25.9		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-110-DF		Lab ID: R1610136-027				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	4.2		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-111-F		Lab ID: R1610136-028				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	21.5		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-112-DF		Lab ID: R1610136-029				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	3.0		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-112-F		Lab ID: R1610136-030				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	10.7		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-115-F		Lab ID: R1610136-032				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	12.3		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-116-F		Lab ID: R1610136-034				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	8.4		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-117-F		Lab ID: R1610136-035				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	28.6		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-118-F		Lab ID: R1610136-036				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	17.4		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-121-F		Lab ID: R1610136-038				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	9.5		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-121-DF		Lab ID: R1610136-039				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	4.5		0.10	1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

CLIENT ID: MCWA#PN-122-F		Lab ID: R1610136-040				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	6.7		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-201-F		Lab ID: R1610136-041				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	50.5		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-202-F		Lab ID: R1610136-042				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	23.5		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-202-DF		Lab ID: R1610136-043				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	22.4		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-203-F		Lab ID: R1610136-044				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	45.5		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-203-DF		Lab ID: R1610136-045				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	49.2		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-204-F		Lab ID: R1610136-046				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	9.6		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-204-DF		Lab ID: R1610136-047				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	9.6		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-205-F		Lab ID: R1610136-048				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	8.8		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-205-DF		Lab ID: R1610136-049				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	7.5		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-206-DF		Lab ID: R1610136-050				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	5.0		0.10	1.0	ug/L	200.8
CLIENT ID: MCWA#PN-206-F		Lab ID: R1610136-051				
Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	6.9		0.10	1.0	ug/L	200.8



SAMPLE DETECTION SUMMARY

CLIENT ID: MCWA#PN-207-DF	Lab ID: R1610136-052
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Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	3.7		0.10	1.0	ug/L	200.8

CLIENT ID: MCWA#PN-207-F	Lab ID: R1610136-053
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Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	4.4		0.10	1.0	ug/L	200.8

CLIENT ID: MCWA#PN-208-Right-F	Lab ID: R1610136-054
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Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	5.6		0.10	1.0	ug/L	200.8

CLIENT ID: MCWA#PN-208-Left-F	Lab ID: R1610136-055
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Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	3.4		0.10	1.0	ug/L	200.8

CLIENT ID: MCWA#PN-208-Mid-F	Lab ID: R1610136-056
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Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	4.7		0.10	1.0	ug/L	200.8

CLIENT ID: MCWA#PN-209-F	Lab ID: R1610136-057
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Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	23.2		0.10	1.0	ug/L	200.8

CLIENT ID: MCWA#PN-210-F	Lab ID: R1610136-058
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Analyte	Results	Flag	MDL	PQL	Units	Method
Lead, Total	6.0		0.10	1.0	ug/L	200.8



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-Plank North

Service Request:R1610136

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R1610136-001	MCWA#PN-Kitchen-Dish-F	9/20/2016	
R1610136-002	MCWA#PN-Kitchen-Hand-F	9/20/2016	
R1610136-003	MCWA#PN-Nurse #2-F	9/20/2016	
R1610136-004	MCWA#PN-Faculty-F	9/20/2016	
R1610136-005	MCWA#PN-Gym-N-Girls-DF	9/20/2016	
R1610136-006	MCWA#PN-2-DF	9/20/2016	
R1610136-007	MCWA#PN-2-F	9/20/2016	
R1610136-008	MCWA#PN-100-DF	9/20/2016	
R1610136-009	MCWA#PN-100-F	9/20/2016	
R1610136-010	MCWA#PN-101-DF	9/20/2016	
R1610136-011	MCWA#PN-101-F	9/20/2016	
R1610136-012	MCWA#PN-102-F	9/20/2016	
R1610136-013	MCWA#PN-102-DF	9/20/2016	
R1610136-014	MCWA#PN-103-F	9/20/2016	
R1610136-015	MCWA#PN-103-DF	9/20/2016	
R1610136-016	MCWA#PN-104-F	9/20/2016	
R1610136-017	MCWA#PN-104-DF	9/20/2016	
R1610136-018	MCWA#PN-105-F	9/20/2016	
R1610136-019	MCWA#PN-105-DF	9/20/2016	
R1610136-020	MCWA#PN-106-F	9/20/2016	
R1610136-021	MCWA#PN-106-DF	9/20/2016	
R1610136-022	MCWA#PN-107-F	9/20/2016	
R1610136-023	MCWA#PN-107-DF	9/20/2016	
R1610136-024	MCWA#PN-108-F	9/20/2016	
R1610136-025	MCWA#PN-108-DF	9/20/2016	
R1610136-026	MCWA#PN-110-F	9/20/2016	
R1610136-027	MCWA#PN-110-DF	9/20/2016	
R1610136-028	MCWA#PN-111-F	9/20/2016	
R1610136-029	MCWA#PN-112-DF	9/20/2016	
R1610136-030	MCWA#PN-112-F	9/20/2016	
R1610136-031	MCWA#PN-115-DF	9/20/2016	
R1610136-032	MCWA#PN-115-F	9/20/2016	
R1610136-033	MCWA#PN-116-DF	9/20/2016	
R1610136-034	MCWA#PN-116-F	9/20/2016	
R1610136-035	MCWA#PN-117-F	9/20/2016	
R1610136-036	MCWA#PN-118-F	9/20/2016	
R1610136-037	MCWA#PN-118-DF	9/20/2016	
R1610136-038	MCWA#PN-121-F	9/20/2016	
R1610136-039	MCWA#PN-121-DF	9/20/2016	
R1610136-040	MCWA#PN-122-F	9/20/2016	
R1610136-041	MCWA#PN-201-F	9/20/2016	
R1610136-042	MCWA#PN-202-F	9/20/2016	

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request:R1610136

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R1610136-043	MCWA#PN-202-DF	9/20/2016	
R1610136-044	MCWA#PN-203-F	9/20/2016	
R1610136-045	MCWA#PN-203-DF	9/20/2016	
R1610136-046	MCWA#PN-204-F	9/20/2016	
R1610136-047	MCWA#PN-204-DF	9/20/2016	
R1610136-048	MCWA#PN-205-F	9/20/2016	
R1610136-049	MCWA#PN-205-DF	9/20/2016	
R1610136-050	MCWA#PN-206-DF	9/20/2016	
R1610136-051	MCWA#PN-206-F	9/20/2016	
R1610136-052	MCWA#PN-207-DF	9/20/2016	
R1610136-053	MCWA#PN-207-F	9/20/2016	
R1610136-054	MCWA#PN-208-Right-F	9/20/2016	
R1610136-055	MCWA#PN-208-Left-F	9/20/2016	
R1610136-056	MCWA#PN-208-Mid-F	9/20/2016	
R1610136-057	MCWA#PN-209-F	9/20/2016	
R1610136-058	MCWA#PN-210-F	9/20/2016	



Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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

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 - Plank North
 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.:

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 Initial
 (if present) Seals Intact? Y N Initial
 Received on Ice? Y N Initial
 COC/Labels Complete/Accurate? Y N Initial
 Cont. in Good Cond.? Y N Initial
 Correct Containers? Y N Initial
 Correct Sample Volumes? Y N Initial
 Correct Preservation? Y N Initial
 Headspace/Volatiles? Y N Initial
 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.																
MCWA# <u>PN-106-DF</u>	<u>9/20/16</u>		G	DW	Pb																
MCWA# <u>PN-107-F</u>			G	DW	Pb																.21
MCWA# <u>PN-107-DF</u>			G	DW	Pb																.23
MCWA# <u>PN-108-F</u>			G	DW	Pb																.18 ^m
MCWA# <u>PN-108-DF</u>			G	DW	Pb																.13
MCWA# <u>PN-110-F</u>			G	DW	Pb																.12
MCWA# <u>PN-110-DF</u>			G	DW	Pb																.22
MCWA# <u>PN-111-F</u>			G	DW	Pb																.30
MCWA# <u>PN-112-DF</u>			G	DW	Pb																.16
MCWA# <u>PN-112-F</u>			G	DW	Pb																.19
																					.15

Sample/COC Comments

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

Project Comments:

Relinquished By / Company Name	Date	Time
<u>Don Yehl</u>	<u>9/23/16</u>	
<u>Gladyberg MCWA</u>	<u>9/23</u>	<u>2:10</u>
<u>Scott Seery</u>	<u>9/23/16</u>	

LOGGED BY (signature): _____ DATE _____ TIME _____

REVIEWED BY (signature): _____ DATE _____ TIME _____

Received By / Company Name	Date	Time
<u>Gladyberg MCWA</u>	<u>9/23</u>	<u>1:25</u>
<u>John ALS</u>	<u>9/23</u>	<u>12:10</u>

Data Deliverables

Standard
 CLP-like
 USACE

Special Processing

USACE
 Navy

State Samples Collected In

NY
 NJ
 PA
 NC

Reportable to PADEP? Yes

Sample Disposal **5**

PWSID

EDDS:

R1610136
 Monroe County Water Authority
 WCSD-Plank North

* G=Grab; C=Composite ** Matrix - AI=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; W



Environmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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

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-Plank North
 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.:

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 Initial

(if present) Seals Intact? Y N Initial

Received on Ice? Y N Initial

COC/Labels Complete/Accurate? Y N Initial

Cont. in Good Cond.? Y N Initial

Correct Containers? Y N Initial

Correct Sample Volumes? Y N Initial

Correct Preservation? Y N Initial

Headspace/Volatiles? Y N Initial

Courier/Tracking #:

ANALYSES/METHOD REQUESTED

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	*G or C	**Matrix	Enter Number of Containers Per Sample or Field Results Below.																
MCWA# <u>PN-201-F</u>	<u>9/20/16</u>		G	DW	Pb																
MCWA# <u>PN-202-F</u>			G	DW	Pb																
MCWA# <u>PN-202-DF</u>			G	DW	Pb																
MCWA# <u>PN-203-F</u>			G	DW	Pb																
MCWA# <u>PN-203-DF</u>			G	DW	Pb																
MCWA# <u>PN-204-F</u>			G	DW	Pb																
MCWA# <u>PN-204-DF</u>			G	DW	Pb																
MCWA# <u>PN-205-F</u>			G	DW	Pb																
MCWA# <u>PN-205-DF</u>			G	DW	Pb																
MCWA# <u>PN-206-DF</u>			G	DW	Pb																

Sample/COC Comments

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

Project Comments:

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
<u>Danna Youl</u>	<u>9/23/16</u>		<u>Hudyming MCWA</u>	<u>9/23</u>	<u>1:25</u>
<u>Hudyming MCWA</u>	<u>9/23</u>	<u>2:10</u>	<u>shel webb</u>	<u>9/23</u>	<u>1410</u>
<u>Scott Seay</u>	<u>9/28/16</u>				

LOGGED BY (signature): _____ DATE: _____ TIME: _____

REVIEWED BY (signature): _____ DATE: _____ TIME: _____

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

PW: **R1610136**
 Monroe County Water Authority
 WCSD-Plank North





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 - Plank North*
 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.:

Container Type	Container Size	Preservative
	250 ml	none

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

Sample Description/Location (as it will appear on the lab report)	Sample Date	Time	*G or C	**Matrix	Enter Number of Containers Per Sample or Field Results Below.
MCWA# <i>PN-206-F</i>	<i>9/20/16</i>		G	DW	Pb
MCWA# <i>PN-207-DF</i>			G	DW	Pb
MCWA# <i>PN-207-F</i>			G	DW	Pb
MCWA# <i>PN-208-Right-F</i>			G	DW	Pb
MCWA# <i>PN-208-Left-E</i>			G	DW	Pb
MCWA# <i>PN-208 mid-F</i>			G	DW	Pb
MCWA# <i>PN-209-F</i>			G	DW	Pb
MCWA# <i>PN-210-F</i>			G	DW	Pb
MCWA# _____			G	DW	Pb
MCWA# _____			G	DW	Pb

Sample/COC Comments
.16
.21
.12^m
.20
.18
.19
.16
.27
 ALS Field Services: Pickup Labor
 Composite Sampling Rental Equipment
 Other:

Project Comments:

Relinquished By / Company Name	Date	Time
<i>Damon Yeh /</i>	<i>9/23/16</i>	
<i>Heidi Wong / MCWA</i>	<i>9/23</i>	<i>2:10</i>
<i>Scott Cary</i>	<i>9/28/16</i>	

Received By / Company Name	Date	Time
<i>Heidi Wong / MCWA</i>	<i>9/23</i>	<i>1:25</i>
<i>and went / ALS</i>	<i>9/23</i>	<i>1410</i>

LOGGED BY (signature): _____ DATE: _____ TIME: _____
 REVIEWED BY (signature): _____ DATE: _____ TIME: _____
 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 # _____
 EDDS: Format: _____

* G=Grab, C=Composite **Matrix - AI=Air, DW=Drinking Water, GW=Groundwater, OI=Oil, OL=Other Liquid, SL=Sludge, SO=Soil, WP=Wipe

ALS ENVIRONMENTAL SHIPPING ADDRESS: 34 DOGWOOD LANE, MIDDLE TOWN, PA 17057

R1610136
 Monroe County Water Authority
 WCSD-Plank North
5



Cooler Receipt and Preservation Check Form

R1610136

5

Monroe County Water Authority
WCSD-Plank North



Project/Client MCWA Folder Number _____

Cooler received on 9/23/16 by: JFA

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y <input checked="" type="radio"/> N <input type="radio"/>
2	Custody papers properly completed (ink, signed)?	Y <input checked="" type="radio"/> N <input type="radio"/>
3	Did all bottles arrive in good condition (unbroken)?	Y <input checked="" type="radio"/> N <input type="radio"/>
4	Circle: Wet Ice Dry Ice Gel packs present?	Y <input checked="" type="radio"/> N <input type="radio"/>

5a	Perchlorate samples have required headspace?	Y N <input checked="" type="radio"/> NA
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y N <input checked="" type="radio"/> NA
6	Where did the bottles originate?	<u>ALS/ROD</u> CLIENT
7	Soil VOA received as: Bulk Encore 5035set	<input checked="" type="radio"/> NA

8. Temperature Readings Date: 9/23/16 Time: 1415 ID: IR# IR#6 From: Temp Blank Sample Bottles

Observed Temp (°C)	<u>23.2</u>						
Correction Factor (°C)	<u>-</u>						
Corrected Temp (°C)	<u>23.2</u>						
Within 0-6°C?	Y <input checked="" type="radio"/> N <input type="radio"/>	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 Rpt

& Client Approval to Run Samples: _____ Standing Approval _____ Client aware at drop-off _____ Client notified by: N/A

All samples held in storage location: SMD by @ on 9/23/16 at 1415
5035 samples placed in storage location: _____ by _____ on _____ at _____

Cooler Breakdown: Date: 10-3-16 Time: 1306 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

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO ₃		<input checked="" type="checkbox"/>	<u>none</u>		<u>cell</u>	<u>1ml</u>	<u>B30326115613</u>	<u>CL</u>
≤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	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

Yes=All samples OK
No=Samples were preserved at The lab as listed
PM OK to Adjust: _____

Bottle lot numbers: 032116-2400
Other Comments: _____

Rec'd 7 boxes of samples

ELG

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

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



Miscellaneous Forms

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

REPORT QUALIFIERS AND DEFINITIONS

<p>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.</p> <p>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).</p> <p>B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.</p> <p>E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.</p> <p>E Organics- Concentration has exceeded the calibration range for that specific analysis.</p> <p>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> <p>* 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.</p> <p>H Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.</p> <p># Spike was diluted out.</p>	<p>+ Correlation coefficient for MSA is <0.995.</p> <p>N Inorganics- Matrix spike recovery was outside laboratory limits.</p> <p>N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.</p> <p>S Concentration has been determined using Method of Standard Additions (MSA).</p> <p>W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.</p> <p>P Concentration >40% (25% for CLP) difference between the two GC columns.</p> <p>C Confirmed by GC/MS</p> <p>Q DoD reports: indicates a pesticide/Aroclor is not confirmed ($\times 100\%$ Difference between two GC columns).</p> <p>X See Case Narrative for discussion.</p> <p>MRL Method Reporting Limit. Also known as:</p> <p>LOQ Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.</p> <p>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).</p> <p>LOD Limit of Detection. A value at or above the MDL which has been verified to be detectable.</p> <p>ND Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.</p>
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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.

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-Kitchen-Dish-F
Lab Code: R1610136-001
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-Kitchen-Hand-F
Lab Code: R1610136-002
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-Nurse #2-F
Lab Code: R1610136-003
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-Faculty-F
Lab Code: R1610136-004
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-Gym-N-Girls-DF
Lab Code: R1610136-005
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-2-DF
Lab Code: R1610136-006
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-2-F
Lab Code: R1610136-007
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-100-DF
Lab Code: R1610136-008
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-100-F
Lab Code: R1610136-009
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-101-DF
Lab Code: R1610136-010
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-101-F
Lab Code: R1610136-011
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-102-F
Lab Code: R1610136-012
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-102-DF
Lab Code: R1610136-013
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-103-F
Lab Code: R1610136-014
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-103-DF
Lab Code: R1610136-015
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-104-F
Lab Code: R1610136-016
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-104-DF
Lab Code: R1610136-017
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-105-F
Lab Code: R1610136-018
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-105-DF
Lab Code: R1610136-019
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-106-F
Lab Code: R1610136-020
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-106-DF
Lab Code: R1610136-021
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-107-F
Lab Code: R1610136-022
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-107-DF
Lab Code: R1610136-023
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-108-F
Lab Code: R1610136-024
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-108-DF
Lab Code: R1610136-025
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-110-F
Lab Code: R1610136-026
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-110-DF
Lab Code: R1610136-027
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-111-F
Lab Code: R1610136-028
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-112-DF
Lab Code: R1610136-029
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-112-F
Lab Code: R1610136-030
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-115-DF
Lab Code: R1610136-031
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-115-F
Lab Code: R1610136-032
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-116-DF
Lab Code: R1610136-033
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-116-F
Lab Code: R1610136-034
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-117-F
Lab Code: R1610136-035
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-118-F
Lab Code: R1610136-036
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-118-DF
Lab Code: R1610136-037
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-121-F
Lab Code: R1610136-038
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-121-DF
Lab Code: R1610136-039
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-122-F
Lab Code: R1610136-040
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-201-F
Lab Code: R1610136-041
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-202-F
Lab Code: R1610136-042
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-202-DF
Lab Code: R1610136-043
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-203-F
Lab Code: R1610136-044
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-203-DF
Lab Code: R1610136-045
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-204-F
Lab Code: R1610136-046
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-204-DF
Lab Code: R1610136-047
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-205-F
Lab Code: R1610136-048
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-205-DF
Lab Code: R1610136-049
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-206-DF
Lab Code: R1610136-050
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-206-F
Lab Code: R1610136-051
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-207-DF
Lab Code: R1610136-052
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-207-F
Lab Code: R1610136-053
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-208-Right-F
Lab Code: R1610136-054
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-208-Left-F
Lab Code: R1610136-055
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Monroe County Water Authority
Project: WCSD-Plank North

Service Request: R1610136

Sample Name: MCWA#PN-208-Mid-F
Lab Code: R1610136-056
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-209-F
Lab Code: R1610136-057
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER

Sample Name: MCWA#PN-210-F
Lab Code: R1610136-058
Sample Matrix: Drinking Water

Date Collected: 09/20/16
Date Received: 09/23/16

Analysis Method
200.8

Extracted/Digested By

Analyzed By
CKUTZER



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.



Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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www.alsglobal.com



Metals

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-Kitchen-Dish-F
Lab Code: R1610136-001

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	8.9	ug/L	1.0	1	10/15/16 11:17	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-Kitchen-Hand-F
Lab Code: R1610136-002

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.3	ug/L	1.0	1	10/15/16 11:21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-Nurse #2-F
Lab Code: R1610136-003

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	7.0	ug/L	1.0	1	10/15/16 11:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-Faculty-F
Lab Code: R1610136-004

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	9.2	ug/L	1.0	1	10/15/16 11:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-Gym-N-Girls-DF
Lab Code: R1610136-005

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.8	ug/L	1.0	1	10/15/16 11:48	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-2-DF
Lab Code: R1610136-006

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	9.0	ug/L	1.0	1	10/15/16 11:52	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-2-F
Lab Code: R1610136-007

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	8.2	ug/L	1.0	1	10/15/16 11:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-100-DF
Lab Code: R1610136-008

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	11.3	ug/L	1.0	1	10/15/16 11:59	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-100-F
Lab Code: R1610136-009

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	12.8	ug/L	1.0	1	10/15/16 12:03	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-101-DF
Lab Code: R1610136-010

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	14.5	ug/L	1.0	1	10/15/16 12:07	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-101-F
Lab Code: R1610136-011

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	8.7	ug/L	1.0	1	10/15/16 12:33	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-102-F
Lab Code: R1610136-012

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	7.5	ug/L	1.0	1	10/15/16 12:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-102-DF
Lab Code: R1610136-013

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	6.0	ug/L	1.0	1	10/15/16 12:48	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-103-F
Lab Code: R1610136-014

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	12.6	ug/L	1.0	1	10/15/16 12:52	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-103-DF
Lab Code: R1610136-015

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	9.1	ug/L	1.0	1	10/15/16 12:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-104-F
Lab Code: R1610136-016

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	12.0	ug/L	1.0	1	10/15/16 13:07	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-104-DF
Lab Code: R1610136-017

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	6.6	ug/L	1.0	1	10/15/16 13:11	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-105-F
Lab Code: R1610136-018

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	10.3	ug/L	1.0	1	10/15/16 13:14	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-105-DF
Lab Code: R1610136-019

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.8	ug/L	1.0	1	10/15/16 13:18	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-106-F
Lab Code: R1610136-020

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	11.4	ug/L	1.0	1	10/15/16 13:22	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-106-DF
Lab Code: R1610136-021

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	9.8	ug/L	1.0	1	10/15/16 13:33	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-107-F
Lab Code: R1610136-022

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	13.6	ug/L	1.0	1	10/15/16 13:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-107-DF
Lab Code: R1610136-023

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	7.8	ug/L	1.0	1	10/15/16 13:41	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-108-F
Lab Code: R1610136-024

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	10.6	ug/L	1.0	1	10/15/16 13:52	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-108-DF
Lab Code: R1610136-025

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	12.1	ug/L	1.0	1	10/15/16 13:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-110-F
Lab Code: R1610136-026

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	25.9	ug/L	1.0	1	10/15/16 14:00	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-110-DF
Lab Code: R1610136-027

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	4.2	ug/L	1.0	1	10/15/16 14:04	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-111-F
Lab Code: R1610136-028

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	21.5	ug/L	1.0	1	10/15/16 14:07	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-112-DF
Lab Code: R1610136-029

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.0	ug/L	1.0	1	10/15/16 14:11	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-112-F
Lab Code: R1610136-030

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	10.7	ug/L	1.0	1	10/15/16 14:15	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-115-DF
Lab Code: R1610136-031

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	10/15/16 14:38	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-115-F
Lab Code: R1610136-032

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	12.3	ug/L	1.0	1	10/15/16 14:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-116-DF
Lab Code: R1610136-033

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	10/15/16 14:53	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-116-F
Lab Code: R1610136-034

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	8.4	ug/L	1.0	1	10/15/16 14:56	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-117-F
Lab Code: R1610136-035

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	28.6	ug/L	1.0	1	10/15/16 15:00	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-118-F
Lab Code: R1610136-036

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	17.4	ug/L	1.0	1	10/15/16 15:04	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-118-DF
Lab Code: R1610136-037

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	10/15/16 15:15	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-121-F
Lab Code: R1610136-038

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	9.5	ug/L	1.0	1	10/15/16 15:19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-121-DF
Lab Code: R1610136-039

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	4.5	ug/L	1.0	1	10/15/16 15:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-122-F
Lab Code: R1610136-040

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	6.7	ug/L	1.0	1	10/15/16 15:27	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-201-F
Lab Code: R1610136-041

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	50.5	ug/L	1.0	1	10/15/16 15:30	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-202-F
Lab Code: R1610136-042

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	23.5	ug/L	1.0	1	10/15/16 15:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-202-DF
Lab Code: R1610136-043

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	22.4	ug/L	1.0	1	10/15/16 15:46	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-203-F
Lab Code: R1610136-044

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	45.5	ug/L	1.0	1	10/15/16 15:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-203-DF
Lab Code: R1610136-045

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	49.2	ug/L	1.0	1	10/15/16 16:01	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-204-F
Lab Code: R1610136-046

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	9.6	ug/L	1.0	1	10/15/16 16:05	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-204-DF
Lab Code: R1610136-047

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	9.6	ug/L	1.0	1	10/15/16 16:08	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-205-F
Lab Code: R1610136-048

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	8.8	ug/L	1.0	1	10/15/16 16:12	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-205-DF
Lab Code: R1610136-049

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	7.5	ug/L	1.0	1	10/15/16 16:16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-206-DF
Lab Code: R1610136-050

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.0	ug/L	1.0	1	10/15/16 16:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-206-F
Lab Code: R1610136-051

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	6.9	ug/L	1.0	1	10/15/16 16:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-207-DF
Lab Code: R1610136-052

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.7	ug/L	1.0	1	10/15/16 16:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-207-F
Lab Code: R1610136-053

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	4.4	ug/L	1.0	1	10/15/16 16:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-208-Right-F
Lab Code: R1610136-054

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	5.6	ug/L	1.0	1	10/15/16 17:01	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-208-Left-F
Lab Code: R1610136-055

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	3.4	ug/L	1.0	1	10/15/16 17:05	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-208-Mid-F
Lab Code: R1610136-056

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	4.7	ug/L	1.0	1	10/15/16 17:09	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-209-F
Lab Code: R1610136-057

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	23.2	ug/L	1.0	1	10/15/16 17:20	

ALS Group USA, Corp.
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Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: MCWA#PN-210-F
Lab Code: R1610136-058

Service Request: R1610136
Date Collected: 09/20/16
Date Received: 09/23/16 14:09
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	6.0	ug/L	1.0	1	10/15/16 17:24	



QC Summary Forms

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Metals

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R1610136-MB1

Service Request: R1610136
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	10/15/16 10:17	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R1610136-MB2

Service Request: R1610136
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	10/15/16 12:25	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R1610136-MB3

Service Request: R1610136
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	10/15/16 14:30	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Monroe County Water Authority
Project: WCSD-Plank North
Sample Matrix: Drinking Water
Sample Name: Method Blank
Lab Code: R1610136-MB4

Service Request: R1610136
Date Collected: NA
Date Received: NA
Basis: NA

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Lead, Total	200.8	ND U	ug/L	1.0	1	10/15/16 16:35	