

Service Request No:R1610135

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

Laboratory Results for: WCSD-Plank South

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 **R1610135**.

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,

1 Ruges

ALS Group USA, Corp. dba ALS Environmental

Lisa Reyes

Project Manager

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

Service Request:R1610135

Date Received: 9/23/16



Client: Monroe County Water Authority

Project: WCSD-Plank South

Sample Matrix: Drinking Water

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

Forty seven drinking water samples were received for analysis at ALS Environmental on 9/23/16. 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°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



CLIENT ID: MCWA#PS-Kitchen-W-F	Lab ID: R16101	Lab ID: R1610135-001					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	12.5	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Kitchen #3-F	Lab ID: R16101	35-002					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	29.3	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Nurse #2-F	Lab ID: R16101	35-003					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	4.9	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Cafe-DF	Lab ID: R16101	35-004					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	14.4	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Faculty-F	Lab ID: R16101	35-005					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	4.7	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Faculty-DF	Lab ID: R16101	35-006					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	8.8	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Lib Office-F	Lab ID: R16101	35-007					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	21.8	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Girls Gym-DF	Lab ID: R16101	35-008					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	4.9	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Music-F	Lab ID: R16101	35-009					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	44.5	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Art-N-F	Lab ID: R16101	35-010					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	16.0	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-Art-S-F	Lab ID: R16101	35-011					
Analyte	Results Fla	ag MDL	PQL	Units	Method		
Lead, Total	4.4	0.10	1.0	ug/L	200.8		
CLIENT ID: MCWA#PS-602-F	Lab ID: R16101	35-012					
Analyte	Results Fla	· -	PQL	Units	Method		
Lead, Total	10.7	0.10	1.0	ug/L	200.8		



CLIENT ID: MCWA#PS-602-DF	Lab ID: R1610135-013	Lab ID: R1610135-013					
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	5.0 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-603-F	Lab ID: R1610135-014						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	11.3 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-603-DF	Lab ID: R1610135-015						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	3.2 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-607-F	Lab ID: R1610135-016						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	19.0 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-608-DF	Lab ID: R1610135-017						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	2.4 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-608-F	Lab ID: R1610135-018						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	6.2 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-609-DF	Lab ID: R1610135-019						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	1.9 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-609-F	Lab ID: R1610135-020						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	15.6 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-1-F	Lab ID: R1610135-021						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	17.6 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-3-DF	Lab ID: R1610135-022						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	14.9 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-3-F	Lab ID: R1610135-023						
Analyte	Results Flag MDL PQL	. Units Method					
Lead, Total	6.8 0.10 1.0	ug/L 200.8					
CLIENT ID: MCWA#PS-4-DF	Lab ID: R1610135-024						
Analyte	Results Flag MDL PQL						
Lead, Total	5.8 0.10 1.0	ug/L 200.8					



Lab ID: R16101	Lab ID: R1610135-025					
Results Fla	ig MDL	PQL	Units	Method		
3.8	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-026					
Results Fla	ng MDL	PQL	Units	Method		
1.3	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-027					
Results Fla	ng MDL	PQL	Units	Method		
2.8	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-028					
Results Fla	ng MDL	PQL	Units	Method		
11.6	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-029					
Results Fla	ng MDL	PQL	Units	Method		
4.6	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-030					
Results Fla	ng MDL	PQL	Units	Method		
12.4	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-031					
Results Fla	ng MDL	PQL	Units	Method		
3.2	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-032					
Results Fla	ng MDL	PQL	Units	Method		
8.7	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-033					
Results Fla	ng MDL	PQL	Units	Method		
4.0	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-034					
Results Fla	ig MDL	PQL	Units	Method		
3.0	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-035					
	ng MDL	PQL	Units	Method		
5.2	0.10	1.0	ug/L	200.8		
Lab ID: R16101	35-036					
Results Fla	ng MDL	PQL	Units	Method		
2.4	0.10	1.0	ug/L	200.8		
	Results Fla 3.8 Lab ID: R16101 Results Fla 1.3 Lab ID: R16101 Results Fla 2.8 Lab ID: R16101 Results Fla 11.6 Lab ID: R16101 Results Fla 4.6 Lab ID: R16101 Results Fla 3.2 Lab ID: R16101 Results Fla 3.0 Lab ID: R16101 Results Fla 4.0 Lab ID: R16101 Results Fla 3.0 Lab ID: R16101 Results Fla 3.0	Results Flag MDL 3.8 0.10	Results	Results Flag MDL PQL Units 3.8 0.10 1.0 ug/L		



CLIENT ID: MCWA#PS-16-F	Lab ID: R1	610135-	037				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	3.4		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-18-DF	Lab ID: R1	610135-	038				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	1.9		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-18-F	Lab ID: R1	610135-	039				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	3.5		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-19-DF	Lab ID: R1	Lab ID: R1610135-040					
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	5.5		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-19-F	Lab ID: R1	610135-	041				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	3.7		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-21-F	Lab ID: R1	610135-	042				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	5.7		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-23-DF	Lab ID: R1	610135-	043				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	3.7		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-23-F	Lab ID: R1	610135-	044				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	6.1		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-24-F	Lab ID: R1	610135-	045				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	10.2		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-26-DF	Lab ID: R1	610135-	046				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	2.4		0.10	1.0	ug/L	200.8	
CLIENT ID: MCWA#PS-26-F	Lab ID: R1	610135-	047				
Analyte	Results	Flag	MDL	PQL	Units	Method	
Lead, Total	5.6		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 South

SAMPLE CROSS-REFERENCE

CAMDLE #	CLIENT SAMPLE ID	DATE	TIME
<u>SAMPLE #</u> R1610135-001	MCWA#PS-Kitchen-W-F	<u>DATE</u> 9/19/2016	<u>TIME</u>
R1610135-002 R1610135-003	MCWA#PS-Kitchen #3-F MCWA#PS-Nurse #2-F	9/19/2016 9/19/2016	
R1610135-003	MCWA#PS-Nuise #2-F MCWA#PS-Cafe-DF	9/19/2016	
R1610135-004	MCWA#PS-Cale-DF MCWA#PS-Faculty-F	9/19/2016	
R1610135-006	MCWA#PS-Faculty-DF	9/19/2016	
R1610135-007	MCWA#PS-Lib Office-F	9/19/2016	
R1610135-007	MCWA#PS-Girls Gym-DF	9/19/2016	
R1610135-009	MCWA#PS-Music-F	9/19/2016	
R1610135-010	MCWA#PS-Art-N-F	9/19/2016	
R1610135-011	MCWA#PS-Art-S-F	9/19/2016	
R1610135-012	MCWA#PS-602-F	9/19/2016	
R1610135-013	MCWA#PS-602-DF	9/19/2016	
R1610135-014	MCWA#PS-603-F	9/19/2016	
R1610135-015	MCWA#PS-603-DF	9/19/2016	
R1610135-016	MCWA#PS-607-F	9/19/2016	
R1610135-017	MCWA#PS-608-DF	9/19/2016	
R1610135-018	MCWA#PS-608-F	9/19/2016	
R1610135-019	MCWA#PS-609-DF	9/19/2016	
R1610135-020	MCWA#PS-609-F	9/19/2016	
R1610135-021	MCWA#PS-1-F	9/19/2016	
R1610135-022	MCWA#PS-3-DF	9/19/2016	
R1610135-023	MCWA#PS-3-F	9/19/2016	
R1610135-024	MCWA#PS-4-DF	9/19/2016	
R1610135-025	MCWA#PS-4-F	9/19/2016	
R1610135-026	MCWA#PS-6-DF	9/19/2016	
R1610135-027	MCWA#PS-6-F	9/19/2016	
R1610135-028	MCWA#PS-7-F	9/19/2016	
R1610135-029	MCWA#PS-9-DF	9/19/2016	
R1610135-030	MCWA#PS-9-F	9/19/2016	
R1610135-031	MCWA#PS-10-DF	9/19/2016	
R1610135-032	MCWA#PS-10-F	9/19/2016	
R1610135-033	MCWA#PS-13-F	9/19/2016	
R1610135-034	MCWA#PS-15-DF	9/19/2016	
R1610135-035	MCWA#PS-15-F	9/19/2016	
R1610135-036	MCWA#PS-16-DF	9/19/2016	
R1610135-037	MCWA#PS-16-F	9/19/2016	
R1610135-038	MCWA#PS-18-DF	9/19/2016	
R1610135-039	MCWA#PS-18-F	9/19/2016	
R1610135-040	MCWA#PS-19-DF	9/19/2016	
R1610135-041	MCWA#PS-19-F	9/19/2016	
R1610135-042	MCWA#PS-21-F	9/19/2016	

Client: Monroe County Water Authority Service Request:R1610135

Project: WCSD-Plank South

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	<u>DATE</u>	<u>TIME</u>
R1610135-043	MCWA#PS-23-DF	9/19/2016	
R1610135-044	MCWA#PS-23-F	9/19/2016	
R1610135-045	MCWA#PS-24-F	9/19/2016	
R1610135-046	MCWA#PS-26-DF	9/19/2016	
R1610135-047	MCWA#PS-26-F	9/19/2016	



CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT!

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ALS Quote #:	38416	of

Client Name: Monroe County Water Authority	,		T	Container		SAMP	ER. INS	STRUCT	IONS OI	V-THE B	ACK.				3 Gaote	5 π. 30410	<u></u>
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Rochester, NY 14612-0697			-	Size	250 ml	<u> </u>	 									r Temp: Therm ID:	
Contact: James Nugent			Pr	eservative	none												
Phone#: 585-442-2000 Ext 531						·	AN	ALYSES	METHOD	REQUE	STED		 -		-140.01	Coolers: Y N Custody Seals Present?	Initial 7
Project Name#: WCSD - Plank	7.3	7	4	1					ì		1			T	-	(if present) Seals Intact?	
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Email? X -Y jim.nugent@mcwa.co		•		1			•	ļ ·			1		-	ı	1	Correct Sample Volumes?	
Fax? -Y No.:	1111		-											1		Correct Preservation?	
Sample Description/Location	Sample		45	Æ	i		Į					İ			1	├ ─┤ ├ ─┤	
(as it will appear on the lab report)	Date	Time	5 o	**Matrix	 -		<u> </u>	<u> </u>	<u>L</u>	<u>'</u>					Courier/	Headspace/Volatiles? Tracking #:	
MCWA# PS-Kitchen-W-F 9	19/16						nter Numb	er of Con	lainers Pe	r Sample	or Field I	Results Be	low.			Sample/COC Comments	
MCWA# PS- Kitchen #3-K	<u>טוודיו</u>	 	1	DW	Pb					<u> </u>							,20
MCWA# PS - Nurse #Z - F		 	+~	 	Pb												, 29
		ļ	G	DW	Pb												~~~
MCWA# PS-CAFE - DF		1	G	DW	Pb								+	 	 		018
MCWA# PS FACULTY-F			+	DW	Pb	·						<u> </u>	 		+		,24
MCWA# PS. FACULTY - OF			+	DW	Pb								ļ	 	 		,2/
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MCWA#PS-Girls Gym-DF	1			DW													.30
MCWA# PS-Music - F	 			DW	Pb							ļ		<u> </u>			.19
ACWA# PS- ART-N-F	-				Pb							<u> </u>		15	ALS	Field Services: Pickup 1:	ahor
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-		ALS ENVI	RO	MEN	DW≃Drink TAL SHII	PPING A	DDRES	undwater;	UI=UII; OI	L=Other L	quid; SL	=Sludge; S	SO=Soil; W	/P= Mo		y Water Authority South	
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CHAIN OF CUSTODY/ **REQUEST FOR ANALYSIS**

COC #:		
ALS Quote #:	38416	of

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT? SAMPLER. INSTRUCTIONS ON THE BACK. Client Name: Monroe County Water Authority Container Турв Receipt Information (completed by Receiving Lab) Address: Po Box 12697 Container 250 ml Size Cooler Temp: _____ Therm ID: Rochester, NY 14612-0697 Preservative none Contact: James Nugent No. of Coolers: ____ Initial N ANALYSES/METHOD REQUESTED Phone#: 585-442-2000 Ext 531 **Custody Seals Present?** Project Name/#: WCSD - Plank South (if present) Seals Intact? Bill To: MCWA Received on Ice? X Normal-Standard TAT is 10-12 business days. COC/Labels Complete/Accurate? Rush-Subject to ALS approval and surcharges. Cont. in Good Cond.? Date Required: Correct €ontainers? Approved? Email? X-Y jim.nugent@mcwa.com Correct Sample Volumes 7 Fax? -Y No.: Correct Preservation? *Gor C **Matrix Sample Description/Location Sample Headspace/Volatiles* (as it will appear on the lab report) Date Courier/Tracking #: Time Enter Number of Containers Per Sample or Field Results Below. MCWA# PS-ART-S-E 9/19/16 Sample/COC Comments G DW Pb MCWA# P3-602 - F ,24 G DW Pb MCVVA#PS-GUZ - DF G DW Pb MCWA# PS-603_ F G DW Pb MCWA# PS - 603 - DC .18 G DW Pb MCWA# PS - 607 - F 24 G DW ₽b MCWA# PS - 608 - DF G DW Pb MCWA# PS - 608 - F G DW Pb MCWA# PS- 609- OF .21 G DW .16 MCWA# P5- 609 - 5 ALS Field Services: __Pickup G DW __Composite Sampling __Rental Equipment **Project Comments:** Other: LOGGED BY(signature): Standard Special Processing Data Deliverables State Samples REVIEWED BY(signature): CLP-like USACE Collected In Relinquished By / Company Name Date Time Received By / Company Name USACE Date Time Navy X NY DIABURUMIA MCLUM 1:20 MUM 9/123 2:10 9/23 1410 Reportable to PADEP? Sample Disposal Yes Lab NC PWSID # R1610135
Monroe County Water Authority EDDS G=Grab: C=Composite "Matrix - Al=Air; DW=Drinking Water; GW=Groundwater; Ol=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; \

ALS ENVIRONMENTAL SHIPPING ADDRESS 34 BOGWOOD LANE, MIDDLETOWN, PA 1701

ALS
Environmental

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT

COC #:		
ALS Quote #:	38416	of

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Rochester, NY 14612-0697			Pro	Size eservative	none	 	 	 		 	 				Cooler	r Temp: Therm ID:	
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Email? X -Y iim.nugent@mcwa	.com		_								ĺ				1 '	Correct Sample Volumes?	
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MCWA# 05-6-F			-	DW	Pb						•						.14
MCWA#_P3-7-F			Ť	-	Pb						·						.16
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CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT. COC #: of

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Email? X-Y jim.nugent@mcwa	.com											1	1		l	Correct Sample Volumes?	1
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HIPPING ADDRESS4 34 1986 GWOOD LANE, MIDDLETOWN, PA 17057



ALS
Nuironmental

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS ALL SHADED AREAS MUST BE COMPLETED BY

COC #: of ALS Quote #: 38416

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	Approved	d?						•						1		Correct Containers?	∤ ├-}	
Fax? Y jim.nugent@mcwa.	com		4					İ							'	Correct Sample Volumes?	H	
Sample Description/Location	Cample	_	- e	Æ												Correct Preservation?	┨╞╌╅╼╌	
(as it will appear on the lab report)	Sample Date	Time	5 o	**Matrix			<u> </u>								Courier/1	Headspace/Volatiles? Tracking #:	1	
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												. O W 14,	FA 17!					



Cooler Receipt and Preservation Check Form

Project/Clie	ent MC	WÂ			F	older	Nur	mber_			· · · · · ·				() E
Cooler receiv	<i>a</i> /	23/K		by:	DAJ		COU	JRIER:	ALS	UPS	FEDEX V	/ELOCI	TY CLI	ENT	»
1 Were Cu	stody seals or	outsid	e of co	ooler?	Y		5a	Perc	hlorate	samples	have require	d headsp	ace?	Y	N (NA
2 Custody	papers prope	rly com	pleted	(ink, s	igned)?	N	5b	Did V	/OA vi	als, Alk,o	r Sulfide hav	e sig* b	ubbles?	Y	N (NA
3 Did all b	ottles arrive in	good c	onditi	on (unl	broken)?	N	6	When	e did th	e bottles	originate?	(AL	.S/ROD	CL	IENT
	Wet Ice Dry					Ŋ	7			ceived as		Encore			(NA)
	<u> </u>	 				ا .لــــــــــــــــــــــــــــــــــــ		<u> </u>			·				
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Correction F															
Corrected To			23											ļ	
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&Client A	Approval to R	un Sar	nples:		Standing	Appro	oval	Clier	it aware	at drop-	off Client	notified	by: _ <i>/\/</i> /	4	
All samples	held in storag	e locat	ion:		SWO	by	(de	D D	on	9/2.	elle at	1415			
5035 sample	es placed in st	orage l	ocatio	n:		by _			on		at				
3. V 4. V 5. A Explain ar pH ≥12 ≤2	Were correct or Were 5035 vial Air Samples: C ny discrepanci Reagent NaOH HNO3	ontainer s accep lassette	rs used table (l for the (no extroes Inta	Received	d? eaking)? nisters	s Pressi		Y	ES N		Final pH	sam No=	=All ples OK =Sample
<u>≤2</u> <4	H ₂ SO ₄ NaHSO ₄		_				-							wer	e served at
Residual Chlorine (-)	For CN Phenol and 522 Na ₂ S ₂ O ₃	-	-	add N	contact PM to Ia ₂ S ₂ O ₃ (CN), pic (phenol).			() I - 4 4 -	1 - 4 - 4	11.5			d and	The liste	lab as ed OK to
	ZnAcetate HCl	**	**			 					e analysis — ; separate wor		a ana	Adj	ust:
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, 💴 - 8		-1000	0		7								HPR	DD	HGFB
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PC Secondary Review: L

P:\INTRANET\QAQC\Forms Controlled\Cooler Receipt r12.doc

16 of 86

ALS

REV



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

- 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.
- 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/Arclors).
- B Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
- E Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
- E Organics- Concentration has exceeded the calibration range for that specific analysis.
- 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.
- * Indicates that a quality control parameter has exceeded laboratory limits. Under the õNotesö column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
- H Analysis was performed out of hold time for tests that have an õimmediateö hold time criteria.
- # Spike was diluted out.

- + Correlation coefficient for MSA is <0.995.
- N Inorganics- Matrix spike recovery was outside laboratory limits.
- N Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
- S Concentration has been determined using Method of Standard Additions (MSA).
- W Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
- P Concentration >40% (25% for CLP) difference between the two GC columns.
- C Confirmed by GC/MS
- Q DoD reports: indicates a pesticide/Aroclor is not confirmed (×100% Difference between two GC columns).
- 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/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.

Analyst Summary report

Client: Monroe County Water Authority

Project: WCSD-Plank South

Sample Name:

MCWA#PS-Kitchen-W-F **Date Collected:** 09/19/16

Service Request: R1610135

Lab Code: R1610135-001 **Date Received:** 09/23/16 Sample Matrix: Drinking Water

Analyzed By Analysis Method Extracted/Digested By

200.8 **CKUTZER**

Sample Name: MCWA#PS-Kitchen #3-F **Date Collected:** 09/19/16

Lab Code: R1610135-002 **Date Received:** 09/23/16 **Sample Matrix:** Drinking Water

Extracted/Digested By Analyzed By Analysis Method

200.8 **CKUTZER**

Sample Name: MCWA#PS-Nurse #2-F **Date Collected:** 09/19/16

Lab Code: R1610135-003 **Date Received:** 09/23/16 Sample Matrix: **Drinking Water**

Analysis Method Extracted/Digested By Analyzed By

200.8 **CKUTZER**

Sample Name: MCWA#PS-Cafe-DF **Date Collected:** 09/19/16 Lab Code: R1610135-004

Date Received: 09/23/16 Sample Matrix: Drinking Water

Analyzed By Analysis Method Extracted/Digested By

200.8 **CKUTZER**

Sample Name: MCWA#PS-Faculty-F **Date Collected:** 09/19/16

Lab Code: R1610135-005 **Date Received:** 09/23/16 Drinking Water Sample Matrix:

Analyzed By Extracted/Digested By Analysis Method

200.8 **CKUTZER**

Analyst Summary report

Client: Monroe County Water Authority

Project: WCSD-Plank South

Date Collected: 09/19/16 **Date Received:** 09/23/16

Service Request: R1610135

Sample Name: MCWA#PS-Faculty-DF

Lab Code: R1610135-006 **Sample Matrix:** Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

Sample Name: MCWA#PS-Lib Office-F Date Collected: 09/19/16

Lab Code:R1610135-007Date Received:09/23/16Sample Matrix:Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

Sample Name: MCWA#PS-Girls Gym-DF Date Collected: 09/19/16

Lab Code:R1610135-008Date Received: 09/23/16Sample Matrix:Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

Sample Name: MCWA#PS-Music-F Date Collected: 09/19/16

Lab Code: R1610135-009

Date Received: 09/23/16

Lab Code: R1610135-009 Date Received: 09/23/16
Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

Sample Name: MCWA#PS-Art-N-F Date Collected: 09/19/16

Leb Code: P1610135 010

Page Province to 09/23/16

Lab Code: R1610135-010 Date Received: 09/23/16
Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By
200.8 CKUTZER

Printed 10/18/2016 8:12:10 AM Superset Reference:16-0000396475 rev 00

Analyst Summary report

Service Request: R1610135

Client: Monroe County Water Authority

Project: WCSD-Plank South

MCWA#PS-Art-S-F **Date Collected:** 09/19/16

Lab Code: R1610135-011 **Date Received:** 09/23/16

Sample Matrix: Drinking Water

Sample Name:

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

Sample Name: MCWA#PS-602-F Date Collected: 09/19/16

Lab Code: R1610135-012 **Date Received:** 09/23/16

Sample Matrix: Drinking Water

Date Received: 09/23/16

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

Sample Name: MCWA#PS-602-DF Date Collected: 09/19/16

Lab Code: R1610135-013 **Date Received:** 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Sample Name: MCWA#PS-603-F Date Collected: 09/19/16

Lab Code: R1610135-014 Date Received: 09/23/16
Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Sample Name: MCWA#PS-603-DF Date Collected: 09/19/16

Lab Code: R1610135-015 **Date Received:** 09/23/16 **Sample Matrix:** Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Analyst Summary report

Client: Monroe County Water Authority

Project: WCSD-Plank South

MCWA#PS-607-F **Date Collected:** 09/19/16 R1610135-016 **Date Received:** 09/23/16

Service Request: R1610135

Sample Matrix: Drinking Water

Sample Name:

Lab Code:

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Sample Name: MCWA#PS-608-DF Date Collected: 09/19/16

Lab Code: R1610135-017 **Date Received:** 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Sample Name: MCWA#PS-608-F Date Collected: 09/19/16

Lab Code: R1610135-018 **Date Received:** 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Sample Name: MCWA#PS-609-DF Date Collected: 09/19/16

Lab Code:R1610135-019Date Received: 09/23/16Sample Matrix:Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

 Sample Name:
 MCWA#PS-609-F
 Date Collected:
 09/19/16

 Lab Code:
 R1610135-020
 Date Received:
 09/23/16

Lab Code: R1610135-020 Date Received: 09/23/16
Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Analyst Summary report

Client: Monroe County Water Authority

Project: WCSD-Plank South

Service Request: R1610135

 Sample Name:
 MCWA#PS-1-F
 Date Collected:
 09/19/16

 Lab Code:
 R1610135-021
 Date Received:
 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

 Sample Name:
 MCWA#PS-3-DF
 Date Collected: 09/19/16

 Lab Code:
 R1610135-022
 Date Received: 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

 Sample Name:
 MCWA#PS-3-F
 Date Collected: 09/19/16

 Lab Code:
 R1610135-023
 Date Received: 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

 Sample Name:
 MCWA#PS-4-DF
 Date Collected:
 09/19/16

 Lab Code:
 R1610135-024
 Date Received:
 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

 Sample Name:
 MCWA#PS-4-F
 Date Collected: 09/19/16

 Lab Code:
 R1610135-025
 Date Received: 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By
200.8 CGILDAY

Printed 10/18/2016 8:12:11 AM Superset Reference:16-0000396475 rev 00

Analyst Summary report

Client: Monroe County Water Authority

Project: WCSD-Plank South

Service Request: R1610135

 Sample Name:
 MCWA#PS-6-DF
 Date Collected:
 09/19/16

 Lab Code:
 R1610135-026
 Date Received:
 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Sample Name: MCWA#PS-6-F Date Collected: 09/19/16

Lab Code:R1610135-027Date Received: 09/23/16Sample Matrix:Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Sample Name: MCWA#PS-7-F Date Collected: 09/19/16

Lab Code: R1610135-028 Date Received: 09/23/16
Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

 Sample Name:
 MCWA#PS-9-DF
 Date Collected: 09/19/16

 Lab Code:
 R1610135-029
 Date Received: 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

 Sample Name:
 MCWA#PS-9-F
 Date Collected: 09/19/16

 Lab Code:
 R1610135-030
 Date Received: 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By
200.8 CGILDAY

Printed 10/18/2016 8:12:11 AM Superset Reference:16-0000396475 rev 00

Analyst Summary report

Client: Monroe County Water Authority

Project: WCSD-Plank South

Date Collected: 09/19/16

Date Received: 09/23/16

Service Request: R1610135

MCWA#PS-10-DF **Sample Name:** Lab Code: R1610135-031 **Sample Matrix:** Drinking Water

Analysis Method

200.8

Analyzed By Extracted/Digested By

CGILDAY

Date Collected: 09/19/16

Date Received: 09/23/16

Sample Name: MCWA#PS-10-F Lab Code: R1610135-032

Drinking Water

Sample Matrix:

Analysis Method

200.8

Extracted/Digested By

Analyzed By CGILDAY

Sample Name: MCWA#PS-13-F **Date Collected:** 09/19/16 Lab Code: R1610135-033

Sample Matrix: Drinking Water **Date Received:** 09/23/16

Analysis Method

200.8

Extracted/Digested By

Analyzed By CGILDAY

Sample Name: MCWA#PS-15-DF **Date Collected:** 09/19/16 Lab Code: R1610135-034 **Date Received:** 09/23/16

Sample Matrix: Drinking Water

Analysis Method

200.8

Analyzed By Extracted/Digested By

CGILDAY

Sample Name: MCWA#PS-15-F **Date Collected:** 09/19/16 Lab Code: R1610135-035 **Date Received:** 09/23/16

Drinking Water **Sample Matrix:**

Analyzed By Extracted/Digested By Analysis Method

200.8 **CGILDAY**

Printed 10/18/2016 8:12:11 AM Superset Reference:16-0000396475 rev 00

Analyst Summary report

Client: Monroe County Water Authority

Project: WCSD-Plank South

Date Collected: 09/19/16

Service Request: R1610135

MCWA#PS-16-DF **Date Collected:** 09/19/16 R1610135-036 **Date Received:** 09/23/16

Sample Matrix: Drinking Water

Sample Name:

Lab Code:

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Sample Name: MCWA#PS-16-F Date Collected: 09/19/16

Lab Code:R1610135-037Date Received: 09/23/16Sample Matrix:Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CGILDAY

Sample Name: MCWA#PS-18-DF Date Collected: 09/19/16

Lab Code: R1610135-038 Date Received: 09/23/16
Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

 Sample Name:
 MCWA#PS-18-F
 Date Collected:
 09/19/16

 Lab Code:
 R1610135-039
 Date Received:
 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

 Sample Name:
 MCWA#PS-19-DF
 Date Collected:
 09/19/16

 Lab Code:
 R1610135-040
 Date Received:
 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By
200.8 CKUTZER

Printed 10/18/2016 8:12:11 AM Superset Reference:16-0000396475 rev 00

Analyst Summary report

Client: Monroe County Water Authority

MCWA#PS-19-F

Project: WCSD-Plank South

Date Collected: 09/19/16

Date Received: 09/23/16

Service Request: R1610135

Lab Code:R1610135-041Sample Matrix:Drinking Water

Sample Name:

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

Sample Name: MCWA#PS-21-F Date Collected: 09/19/16

Lab Code:R1610135-042Date Received: 09/23/16Sample Matrix:Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

 Sample Name:
 MCWA#PS-23-DF
 Date Collected: 09/19/16

 Lab Code:
 R1610135-043
 Date Received: 09/23/16

Lab Code: R1610135-043 Date Received: 09/23/16
Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By 200.8 CKUTZER

Sample Name: MCWA#PS-23-F Date Collected: 09/19/16

Lab Code: R1610135-044 Date Received: 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By

200.8 CKUTZER

 Sample Name:
 MCWA#PS-24-F
 Date Collected:
 09/19/16

 Lab Code:
 R1610135-045
 Date Received:
 09/23/16

Sample Matrix: Drinking Water

Analysis Method Extracted/Digested By Analyzed By
200.8 CKUTZER

Printed 10/18/2016 8:12:11 AM Superset Reference:16-0000396475 rev 00

Analyst Summary report

Client: Monroe County Water Authority

Drinking Water

Project: WCSD-Plank South

Service Request: R1610135

 Sample Name:
 MCWA#PS-26-DF
 Date Collected:
 09/19/16

 Lab Code:
 R1610135-046
 Date Received:
 09/23/16

Sample Matrix: Drinking Water

Analysis Method

Sample Matrix:

Extracted/Digested By Analyzed By

200.8 CKUTZER

Sample Name: MCWA#PS-26-F Date Collected: 09/19/16

Lab Code: R1610135-047 **Date Received:** 09/23/16

Analysis Method Extracted/Digested By Analyzed By

200.8 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	9030B
Soluble	
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual	SM 4500-CN-G
Cyanide	
SM 4500-CN-E WAD	SM 4500-CN-I
Cyanide	

Solid/Soil/Non-Aqueous Matrix

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

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 Phone (585) 288-5380 Fax (585) 288-8475 www.alsglobal.com



Metals

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

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Kitchen-W-F Basis: NA

Lab Code: R1610135-001

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 12.5 10/11/16 13:53 Lead, Total ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Kitchen #3-F Basis: NA

Lab Code: R1610135-002

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q Lead, Total 200.8 29.3 10/11/16 13:57 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Nurse #2-F Basis: NA

Lab Code: R1610135-003

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/11/16 23:58 Lead, Total 4.9 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Cafe-DF Basis: NA

Lab Code: R1610135-004

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/12/16 00:10 Lead, Total 14.4 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Faculty-F Basis: NA

Lab Code: R1610135-005

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/12/16 00:14 Lead, Total 4.7 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Faculty-DF Basis: NA

Lab Code: R1610135-006

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/12/16 00:17 Lead, Total 8.8 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Lib Office-F Basis: NA

Lab Code: R1610135-007

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/12/16 00:29 Lead, Total 21.8 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Girls Gym-DF Basis: NA

Lab Code: R1610135-008

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/12/16 00:32 Lead, Total 4.9 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Music-F Basis: NA

Lab Code: R1610135-009

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 44.5 10/12/16 00:36 Lead, Total ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Art-N-F Basis: NA

Lab Code: R1610135-010

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q Lead, Total 200.8 10/12/16 00:40 16.0 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-Art-S-F Basis: NA

Lab Code: R1610135-011

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/12/16 00:44 Lead, Total 4.4 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-602-F Basis: NA

Lab Code: R1610135-012

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q Lead, Total 200.8 10.7 10/12/16 00:48 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-602-DF Basis: NA

Lab Code: R1610135-013

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 01:34 Lead, Total 5.0 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-603-F Basis: NA

Lab Code: R1610135-014

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 01:46 Lead, Total 11.3 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-603-DF Basis: NA

Lab Code: R1610135-015

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q Lead, Total 200.8 3.2 10/14/16 01:49 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-607-F Basis: NA

Lab Code: R1610135-016

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 19.0 10/14/16 01:53 Lead, Total ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-608-DF Basis: NA

Lab Code: R1610135-017

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 01:57 Lead, Total 2.4 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-608-F Basis: NA

Lab Code: R1610135-018

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 02:28 Lead, Total 6.2 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-609-DF Basis: NA

Lab Code: R1610135-019

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 02:31 Lead, Total 1.9 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-609-F Basis: NA

Lab Code: R1610135-020

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 02:35 Lead, Total 15.6 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-1-F Basis: NA

Lab Code: R1610135-021

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 17.6 10/14/16 02:39 Lead, Total ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-3-DF Basis: NA

Lab Code: R1610135-022

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q Lead, Total 200.8 10/14/16 02:43 14.9 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-3-F Basis: NA

Lab Code: R1610135-023

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 02:47 Lead, Total 6.8 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-4-DF Basis: NA

Lab Code: R1610135-024

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 02:50 Lead, Total 5.8 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-4-F Basis: NA

Lab Code: R1610135-025

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 02:54 Lead, Total 3.8 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-6-DF Basis: NA

Lab Code: R1610135-026

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 03:05 Lead, Total 1.3 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-6-F Basis: NA

Lab Code: R1610135-027

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 03:09 Lead, Total 2.8 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-7-F Basis: NA

Lab Code: R1610135-028

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 03:17 Lead, Total 11.6 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-9-DF Basis: NA

Lab Code: R1610135-029

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 03:20 Lead, Total 4.6 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-9-F Basis: NA

Lab Code: R1610135-030

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 12.4 10/14/16 03:24 Lead, Total ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-10-DF Basis: NA

Lab Code: R1610135-031

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 03:28 Lead, Total 3.2 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-10-F Basis: NA

Lab Code: R1610135-032

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 03:32 Lead, Total 8.7 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-13-F Basis: NA

Lab Code: R1610135-033

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 03:36 Lead, Total 4.0 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-15-DF Basis: NA

Lab Code: R1610135-034

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 03:39 Lead, Total 3.0 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-15-F Basis: NA

Lab Code: R1610135-035

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q Lead, Total 200.8 5.2 10/14/16 03:51 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-16-DF Basis: NA

Lab Code: R1610135-036

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** 200.8 10/14/16 03:54 Lead, Total 2.4 ug/L 1.0

Q

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-16-F Basis: NA

Lab Code: R1610135-037

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 03:58 Lead, Total 3.4 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-18-DF Basis: NA

Lab Code: R1610135-038

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/15/16 10:25 Lead, Total 1.9 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-18-F Basis: NA

Lab Code: R1610135-039

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 3.5 10/15/16 10:36 Lead, Total ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-19-DF Basis: NA

Lab Code: R1610135-040

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q Lead, Total 200.8 5.5 10/15/16 10:40 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-19-F Basis: NA

Lab Code: R1610135-041

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 3.7 10/15/16 10:44 Lead, Total ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-21-F Basis: NA

Lab Code: R1610135-042

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q Lead, Total 200.8 5.7 10/15/16 10:47 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-23-DF Basis: NA

Lab Code: R1610135-043

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 3.7 10/15/16 10:59 Lead, Total ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-23-F Basis: NA

Lab Code: R1610135-044

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/15/16 11:02 Lead, Total 6.1 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-24-F Basis: NA

Lab Code: R1610135-045

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q Lead, Total 200.8 10.2 10/15/16 11:06 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-26-DF Basis: NA

Lab Code: R1610135-046

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/15/16 11:10 Lead, Total 2.4 ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 **Date Collected:** 09/19/16 **Project:** WCSD-Plank South

Date Received: 09/23/16 14:09 **Sample Matrix:** Drinking Water

Sample Name: MCWA#PS-26-F Basis: NA

Lab Code: R1610135-047

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/15/16 11:14 Lead, Total 5.6 ug/L 1.0



QC Summary Forms

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Metals

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Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 Date Collected: NA WCSD-Plank South

Project: Date Received: NA **Sample Matrix:** Drinking Water

Sample Name: Method Blank Basis: NA

Lab Code: R1610135-MB1

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/11/16 12:08 Lead, Total ND U ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135 Date Collected: NA

Project: WCSD-Plank South Date Received: NA **Sample Matrix:** Drinking Water

Sample Name: Method Blank Basis: NA

Lab Code: R1610135-MB2

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/11/16 22:58 Lead, Total ND U ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

> Date Collected: NA WCSD-Plank South

Project: Date Received: NA **Sample Matrix:** Drinking Water

Sample Name: Method Blank Basis: NA

Lab Code: R1610135-MB3

Inorganic Parameters

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

Service Request: R1610135

Analytical Report

Client: Monroe County Water Authority

Service Request: R1610135

Date Collected: NA **Project:** WCSD-Plank South Date Received: NA **Sample Matrix:** Drinking Water

Sample Name: Method Blank Basis: NA

Lab Code: R1610135-MB4

Inorganic Parameters

Analysis **Analyte Name** Method Result Units MRL Dil. **Date Analyzed** Q 200.8 10/14/16 02:20 Lead, Total ND U ug/L 1.0

Analytical Report

Client: Monroe County Water Authority

> Date Collected: NA WCSD-Plank South

Project: Date Received: NA **Sample Matrix:** Drinking Water

Sample Name: Method Blank Basis: NA

Lab Code: R1610135-MB5

Inorganic Parameters

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

Service Request: R1610135