
Lead in Priority Area Sampling Report Naval Air Station Patuxent River

**Contract Number N40080-14-D-0453
TASK ORDER# 0003**

**Lead in Priority Areas (LIPA) Sampling at
Activities (Schools, CDC & YC) within the
Naval District Washington (NDW)**

Prepared For:

**Installation Commanding Officer
Naval Facilities Engineering Command, Washington
Attn: Denise Reichard
Environmental Protection Specialist
22444 Peary Rd – Bldg. 504
Patuxent River, MD 20670**

December 2014

Prepared By:



ENGINEERS - DESIGNERS - CONSULTANTS
A Service Disabled Veteran-Owned Small Business

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SUMMARY

Lead in Priority Area (LIPA) sampling was conducted at Naval Air Station Patuxent River's Child Development Centers, and Youth Center October 17-18 and November 11, 2014. Samples from 164 drinking water outlets were collected and analyzed in accordance with the NSAB LIPA Sampling Plan. Sampling was conducted in three phases (pre-sampling, sampling, and re-sampling). Results from the initial sampling round showed 8 locations with lead concentrations higher than the EPA recommended screening level of 20 parts per billion (ppb). The water outlets at these locations were re-sampled on November 11, 2014. Re-sampling results were all below the EPA recommended screening level.

Contractor Sampling Team

1. The sampling team was comprised of the following personnel from ROMEM Aqua Systems Company (RASco):
 - a. Drew Morson – Assistant Project Manager and Sampler
 - b. Nick Ball – Sampler
2. Each team member's certification for lead sampling is included in Appendix A.

Pre-Sampling:

1. The RASco Team met with EPS POC Denise Reichard and Mario Maningas Friday at 5:15 p.m.
2. Mattapany Day Camp Building started at 6:10 p.m.
3. The RASco Team completed preparations for the Sampling by 10:15 p.m.
4. The earliest testing could start would be 6:00 a.m. Saturday morning; test would need to be complete before 4:15 p.m.
5. Deviations from the Sampling Plan were recorded on the Chain of Custody form included in Appendix B.

Sampling:

1. The RASco Team met with Mario Maningas at Patuxent River Gate 1 shortly after 7:00 a.m., October 18, 2014.
 - a. Mattapany Day Camp was sampled between 07:25 and 07:50 a.m.
 - b. Building 1597 was sampled between 08:10 a.m. and 08:25 a.m.
 - c. Building 2030 was sampled between 09:10 a.m. and 10:05 a.m.
 - d. Building 2813 was sampled between 10:25 a.m. and 12:15 p.m.
2. Samples were submitted to the courier for Mid-Atlantic Laboratories, Inc.
3. Laboratory certification are provided in Appendix C.
4. Results were provided on October 28, 2014 by Mid-Atlantic and are included as Appendix D.
A map showing the location of outlets that exceeded the threshold is provided in Appendix E.



Field Notes:

1. These Notes were recorded during the securing of the facilities by Drew Morson the Assistant Project Manager.
2. Arrived at Mattapan Day Camp at 6:10 p.m. escorted by Denise and Mario into camp.
 - a. All outlets were flushed by Denise earlier in the day for an hour and a half ending by 2:00 p.m. Will need to sample before 8 a.m. to keep within the 8 to 18 hour window.
 - b. A Double Water Spigot setup was found next to building 2617 but was offline.
 - c. Four (4) new Water Spigots found outside of building 2616 library, building 2617, building 2616 (staff lounge), and the Girls' Bathroom. The labels on the sample bottles were not changed, but the building number (and name for both building 2616s to distinguish between them) for each sample was added to the Chain of Custody form next to the outlet description.
 - d. Yard Bubbler was not working.
 - e. Complete by 6:30 p.m.
3. Moved to building 2030, started at 7:00 p.m.
 - a. Hallway bubbler by room 2451 was flushed for 4 minutes before stopping. Dish below bubbler had begun to overflow. After allowing the dish to drain, the bubbler was flushed for an additional minute.
 - b. Rooms 2449 and 244a normally locked.
 - c. One of the two outside Water Bubblers was not functioning.
 - d. Three additional Water Spigots were found. One in the courtyard, one by the entrance, and one outside a door from the pantry / kitchen.
 - e. Complete by 7:40 p.m.
4. Moved to Building 1597, started at 7:50 p.m.
 - a. All Faucets in rooms 2A and 3A are automatic faucets.
 - b. One of the outside Water Spigots did not work.
 - c. An additional Water Spigot was found near the entrance but was not added as it did not work.
 - d. Complete by 8:10 p.m.
5. Moved to Building 2813, started at 8:30 p.m.
 - a. All bathrooms in the middle corridor of the building had automatic faucets.
 - b. All Child care rooms had 1 automatic low hand washing sink if there were 3 total outlets in the room (rooms 101 -106, 110-117, 122-125, 127) or automatic low hand washing sinks if there were 6 total outlets in the room (rooms 140-149).
 - c. Two Water Fountain Bubblers on the front of the building were not functioning.
 - d. One Water Fountain Bubbler in room 145 was not working.
 - e. Needed to get a wrench for outside Water Spigots. RASco spigot key was too small.
 - f. One Water Spigot on the back side of the building was clogged with rocks and was not functioning.

- g. Complete by 10:15 p.m. Building secured at 10:15 p.m.
- 6. Sampling Notes follow for 18 October 2014; Arrived at Mattapan Day Camp and started sampling at 7:25 a.m. escorted by Denise and Mario
 - a. New Water Spigot found outside of Girls Bathroom found to not be functioning properly, and was thus not sampled.
 - b. Middle High Hand Washing sink in Boys Bathroom found to have constant dripping.
 - c. Shower Head on Boys Bathroom side found to have been used some time during the night. The fixture was not tested as the dwell time was unknown.
 - d. Complete by 7:50 a.m.
- 7. Moved to Building 1597, started sampling at 8:10 a.m.
 - a. The High Hand Washing sink in 3B had water running from under the handle while the water was on.
 - b. The Low Hand Washing Faucet in 4B had water running from the base while the water was on.
 - c. The High Hand Washing B sink in 5B had water running from the base while the water was on.
 - d. Complete by 8:25 a.m.
- 8. Moved to Building 2030, started sampling at 9:15 a.m.
 - a. All Low Hand Washing Faucets (4 total) in rooms 2310 and 2314 had water leaking from under the handle while the water was on.
 - b. The Outside Water Spigot by room 2440 had water coming from the air gap when first turned on.
 - c. The Low Hand Washing Faucet A in room 2447 had a VERY slow drip, still sampled.
 - d. Complete by 10:05 a.m.
- 9. Moved to Building 2813, started sampling at 10:25 a.m.
 - a. There was a low flow from the Water Fountain Bubbler in room 141. The water was taken after it ran over the edge of the fixture guard.
 - b. The Water Bubbler in room 145 was not working due to the fixtures shut off valve being closed.
 - c. Sample bottle for High Hand Washing sink in room 101 dropped while moving samples into the van; second sample taken.
 - d. Complete by 12:15 p.m.

Sample Deviations

- 1. General: After testing was completed, additional Commander Naval Installation Command (CNIC) guidance directed that ice machines and showers were not to be included in LIPA sampling. Results are included for these locations; however, they were not considered for resampling and/or corrective action.
- 2. General: Sample deviations are captured on the Chain of Custody form found in Appendix B.
- 3. Mattapan Day Camp
 - a. Additions – None

- b. Deletions
 - i. 1 High Hand Washing sink was removed as it was constantly dripping and could not have had an adequate dwell time.
 - ii. 1 Shower Head was removed as it was clearly used during the night and it was not clear at what time
 - iii. 3 Spare Water Spigots were removed as they were extra spares listed that were not needed. The Spare bottles were used for Water Spigots at building 2616 (library), building 2617 and building 2616 (staff lounge).
- 4. Building 1597
 - a. Additions- None
 - b. Deletions
 - i. 4 automatic Faucets removed
 - ii. 1 outlet was not functioning (Outdoor Water Spigot)
- 5. Building 2030
 - a. Additions
 - i. PX-2030-OUT242d-WS-FD: Outside Water Spigot by door to Pantry / Kitchen area
 - ii. PX-2030-OUTCYARD-WS-FD: Outside Water Spigot in the Courtyard
 - iii. PX_2030-OUT2314-WS-FD: Outside Water Spigot by building entrance
 - b. Deletions
 - i. 2 High Hand Washing sinks were removed as they were behind (typically locked doors (rooms 2449 & 244A))
 - ii. 1 Water Fountain (Bubbler) was removed as it was not working
- 6. Building 2813 –
 - a. Additions – None
 - b. Deletions
 - i. 40 Low Hand Washing sinks and 7 High Hand Washing sinks were removed as they were automatic faucets
 - ii. 3 Water Fountain Bubblers were removed as they did not function properly
 - iii. 1 Water Spigot was removed as it was filled with rocks and did not function properly

Sample Results

1. All initial sampling results are listed in Appendix D. With exception of the locations shown in the table below, all samples were less than the EPA recommended screening level of 20 parts per billion (ppb). These locations are shown on a facility floor plan provided in Appendix E.
2. After testing was completed, additional CNIC guidance directed that ice machines and showers were not to be included in the sampling. The results can be found in Appendix D.

- The fixtures listed below exceeded 20 ppb lead during the initial first draw; however, repeat sampling conducted after the fixtures were not replaced showed results less than 20 ppb lead.

Sample ID	Description	First Draw (ppb)	Second First Draw (ppb)	Followup Flush (30 sec) (ppb)	Corrective Action	Outlet Use
PX-2030-INF2440-LHWC	Low Hand Washing	28	11	4.1	Aerator Removed	Infrequent
PX-2030-OUT2314-WS	Spigot	25.1		3.3	Nothing	Infrequent
PX-2813-OUT102-WS	Spigot	32		1.4	Nothing	Infrequent
PX-2813-OUT104-WS	Spigot	58.8		ND	Nothing	Infrequent
PX-2813-OUT113-WS	Spigot	56.2		1.5	Nothing	Infrequent
PX-2813-OUT115-WS	Spigot	48.5		6.1	Nothing	Infrequent
PX-2813-OUT127-WS	Spigot	60.8		2.8	Nothing	Infrequent
PX-2813-TOD146-WS	Spigot	78.7		1.5	Nothing	Infrequent

- “Second First Draw” sample was collected from low hand washing faucet. “Followup Flush” samples were collected from the remaining affected outlets. The “Second First Draw” samples are identified with a “2FD” in the sample identification. The “Followup Flush after 30 seconds” samples were collected and labeled “FF30.”

Re-sampling

- Re-sampling occurred on Tuesday November 11, 2014. The RASco Team met with Mario Maningas at 7:10 a.m. The fixtures had been secured since 28 October and no additional securing or flushing of the outlets was accomplished by RASco. However, flushing was performed daily by the Navy until November 10th. The sampler needed only to take the samples as defined by the client.
- Building 2030 was sampled between 7:20 a.m. and 7:35 a.m.
 - The aerator on the low hand washing faucet in room 2440 was removed before taking the follow up flush (30 second) sample.
- Building 2813 was sampled between 7:40 a.m. and 8:00 a.m.
- Samples were sent to Phase Separation (Testing Laboratory) the next day via UPS Shipment (Tracking Number 1Z2E17850310026499) with no issues to report.
- Re-sample results and chain of custody form are listed in Appendix F.
- Bottles used for resampling were received from the lab with nitric acid (HNO₃) already added for sample preservation.

Notes

- OPNAVINST 5090.1D Environmental Readiness Program Manual dictates that LIPA sampling will be repeated every 5 years and / or whenever a priority area fixture is added, repaired or replaced.
- Records for LIPA Sampling must be kept for a minimum of 12 years.

Appendix A

Sampler Certifications

RASco Personnel who performed the sampling were trained with the Maryland MDE Water sampler certification. Enclosed is a copy of their certifications.





DEPARTMENT OF THE ENVIRONMENT
1800 WASHINGTON BLVD. STE 450
BALTIMORE, MD 21230-1708
410-537-3729

THIS CARD CERTIFIES THAT

DREW MORSON sampler id 3576DM
HAS BEEN APPROVED FOR COLLECTION OF DRINKING
WATER SAMPLES REQUIRED UNDER THE SAFE
DRINKING WATER ACT AND STATE REGULATIONS

1708-00-970

8/7/2017

certification number

expiration date

Board of Waterworks and Waste Systems Operators
TRAINING CARD

BOARD CODE 24

Cert.No _____ Course Code _____
Operator's Name (PRINT) Nicholas Ball
Address (PRINT) _____ IS THIS A NEW ADDRESS: YES NO

Date of Training: 9/11/14
Course Name (PRINT): Water Sampler Certification Course
Instructor's Name (PRINT): Larry Richardson
Instructor's Signature: Larry Richardson Operator's Signature: _____

Circle the classes applicable to you for which this course has been approved and write total number of units you earned for completing this course.

Water: 1 2 3 4 5 Units: _____ Wastewater: 1 2 3 4 5 6 S A Units: _____
Water Distribution: 1 Units: _____ Wastewater Collection: 1 2 Units: _____ Industrial Wastewater: 1 2 3 4 5 6 Units: _____

FALSIFICATION OF INFORMATION ON THIS CARD MAY RESULT IN DISCIPLINARY ACTION
PURSUANT TO SECTION 12-308, ENVIRONMENTAL ARTICLE, ANNOTATED CODE OF MARYLAND

December 8, 2006

Cut on perforated line and submit top form

MARYLAND BOARD OF WATERWORKS AND WASTE SYSTEM
OPERATORS APPROVED TRAINING #1747-98-06
Safe Drinking Water Act: Water Sampling Certification, Collection and
Reporting 5 (1.5X) WT ALL; WD

5 CONTACT HOURS x 1.5 WITH FINAL EXAM = 7.5 TRAINING
CONTACT HOURS

MARYLAND BOARD OF REGISTERED ENVIRONMENTAL
SANTARIANS

12-03-307 WATER SAMPLER PROGRAM

3 CONTACT HOURS

Appendix B

Chain of Custody

A copy of the Chain of Custody Form (approved with the Sampling Plan) is enclosed. Original Chain of Custody remained with the Samples and are maintained by the Laboratory.





MID-ATLANTIC LABORATORIES INC.

224 MAIN ST., SUITE 1
PORT ROYAL, VIRGINIA 22535
(804) 742-5577
www.midatlanticlaboratories.com

CHAIN OF CUSTODY

LAB PROJECT

12073

Client _____
Address _____
Phone #: Pro. # 12083
Fax #: _____

PROJECT NAME:		RUSH ANALYSIS	DATE RESULTS REQUESTED:		Number of Containers	Matrix	Composite/Grab	Preservative	ANALYSES REQUESTED												
<u>Patuxent River</u>		<input type="checkbox"/>	_____																		
PO #:		SAMPLER (Signatures)																			
_____		<u>RASC O</u>			(Print)																
DATE		TIME		SAMPLE IDENTIFICATION																	
<u>10/18/14</u>		<u>—</u>		<u>Patuxent River</u>																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		LAB USE ONLY						pH	Temp.								
<u>[Signature]</u>		<u>10/18</u>	<u>2:30</u>	<u>[Signature]</u>																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)																	

Matrixes: DW = Drinking Water WW = Wastewater S = Soil Preservatives: N = Nitric H = Hydrochloric S = Sulfuric Zn = Zinc Acetate

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 1597



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-1597-RM2A-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014		Automatic Faucet				
PX-1597-RM2A-HHWB-FD	HIGH HAND WASHING (adults)	10/18/2014		Automatic Faucet				
PX-1597-HLW2A-WFC-FD	WATER FOUNTAIN (COOLER)	10/18/2014	8:15	(N/D)				
PX-1597-RM3A-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014		Automatic Faucet				
PX-1597-RM3A-HHWB-FD	HIGH HAND WASHING (adults)	10/18/2014		Automatic Faucet				
PX-1597-Bath3B-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	8:15	(N/D)				
PX-1597-Bath4B-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	8:15	(N/D)				
PX-1597-Bath4B-LHWB-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	8:15	(N/D)				
PX-1597-OUT4B-WFC-FD	WATER FOUNTAIN (COOLER)	10/18/2014	8:20	(N/D)				
PX-1597-Bath5B-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014	8:20	(N/D)				
PX-1597-Bath5B-HHWB-FD	HIGH HAND WASHING (adults)	10/18/2014	8:20	(N/D)				
PX-1597-K6A-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	8:10	(N/D)				
PX-1597-OUT6A-WS-FD	WATER SPIGOT	10/18/2014		Does NOT work				
PX-1597-OUT7A-WS-FD	WATER SPIGOT	10/18/2014	8:25	(N/D)				

Date of Test: 10/18/14
 Time of Completion: 8:25 am
 10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Reviewed by:
 James R. Jenkins
 Drew F. Morson

Received by:

Signature:
 Date: 10/18/14 Time: 1436

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2030



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2030-INF2310-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:15	NJB				
PX-2030-INF2310-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:15	NJB				
PX-2030-INF2310-LHWB-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:15	NJB				
PX-2030-OUT2310-WS-FD	WATER SPIGOT	10/18/2014	9:25	NJB				
PX-2030-INF2314-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:20	NJB				
PX-2030-INF2314-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:20	NJB				
PX-2030-INF2314-LHWB-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:20	NJB				
PX-2030-K2404-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	9:55	NJB				
PX-2030-INF2432-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:50	NJB				
PX-2030-INF2432-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	9:50	NJB				
PX-2030-INF2435-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:50	NJB				
PX-2030-INF2435-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	9:50	NJB				
PX-2030-INF2437-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	NJB				
PX-2030-INF2437-LHWB-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	NJB				
PX-2030-INF2437-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	NJB				
PX-2030-INF2440-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:40	NJB				
PX-2030-INF2440-LHWB-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:40	NJB				
PX-2030-INF2440-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:40	NJB				
PX-2030-OUT2440-WS-FD	WATER SPIGOT	10/18/2014	9:35	NJB				
PX-2030-INF2447-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:30	NJB				
PX-2030-INF2447-LHWB-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:30	NJB				
PX-2030-INF2447-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:30	NJB				
PX-2030-Bath2448-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:15	NJB				

Date of Test: 10/18/14

Time of Completion: 10:05
 10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Reviewer: James R. Jenkins
 B4
 Drew F. Morson

Received by:

Signature:
 Date: 10/18/14 Time: 10:05

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2030



Water intended for: Drinking SAMPLE ID	Outlet Description	INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
		First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2030-UT2449-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014			Behind Locked Door			
PX-2030-HLW2451-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	9:10	(NOB)				
PX-2030-HLW2457-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	9:45	(NOB)				
PX-2030-Bath23FA-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:00	(NOB)				
PX-2030-Bath23FC-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:10	(NOB)				
PX-2030-K242C-KSP-FD	KITCHEN SPRAYER	10/18/2014	9:50	(NOB)				
PX-2030-INF243E-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:40	(NOB)				
PX-2030-INF243E-LHWB-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	(NOB)				
PX-2030-INF243E-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	(NOB)				
PX-2030-OUT243E-WS-FD	WATER SPIGOT	10/18/2014	9:35	(NOB)				
PX-2030-UT244A-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014			Behind Locked Door			
PX-2030-OUTYARD-WFBA-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	9:25	(NOB)				
PX-2030-OUTYARD-WFBB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014			Does not work			
PX-2030-OUT 242d-WS-FD	Water Spigot	10/18/14	9:55	(NOB)				
PX-2030-OUTLYARD-WS-FD	Water Spigot	10/18/14	10:00	(NOB)				
PX-2030-OUT 2314-WS-FD	Water Spigot	10/18/14	10:05	(NOB)				

Date of Test: 10/18/14
 Time of Completion: 10:05

10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Reviewer: James B. Judkins
 B5
 Drew E. Morson

Received by:

Signature:
 Date: 10/18/14 Time: 1:43

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS				CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	Sampler	
PX-2813-INF101-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	12:15	(NOB)					
PX-2813-INF101-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:25	(NOB)					
PX-2813-INF101-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic Faucet
PX-2813-OUT101-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014							Does not work
PX-2813-INF102-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:25	DFM					
PX-2813-INF102-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:25	(NOB)					
PX-2813-INF102-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT102-WS-FD	WATER SPIGOT	10/18/2014	10:35	(NOB)					
PX-2813-INF103-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:30	(NOB)					
PX-2813-INF103-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:30	(NOB)					
PX-2813-INF103-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-INF104-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:30	DFM					
PX-2813-INF104-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:30	(NOB)					
PX-2813-INF104-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT104-WS-FD	WATER SPIGOT	10/18/2014	10:35	DFM					
PX-2813-INF105-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:30	DFM					
PX-2813-INF105-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:30	(NOB)					
PX-2813-INF105-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT105-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	10:35	(NOB)					
PX-2813-INF106-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:25	(NOB)					
PX-2813-INF106-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:25	(NOB)					
PX-2813-INF106-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-INF110-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:40	DFM					

Date of Test: 10/15/14
 Time of Completion: 12:00 12:15

Reviewer: James R. Jenkins
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 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS	
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time		Sampler
PX-2813-INF110-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:40	NJB					
PX-2813-INF110-LRW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-INF111-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:50	DFM					
PX-2813-INF111-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:50	NJB					
PX-2813-INF111-LRW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT111-WFB-FD	WATER FOUNTAIN (BOUBLER)	10/18/2014							Does NOT work
PX-2813-INF112-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:55	DFM					
PX-2813-INF112-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:55	NJB					
PX-2813-INF112-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-INF113-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:55	DFM					
PX-2813-INF113-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:55	NJB					
PX-2813-INF113-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT113-WS-FD	WATER SPIGOT	10/18/2014	10:45	NJB					
PX-2813-PSH114-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:00	DFM					
PX-2813-PSH114-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:00	NJB					
PX-2813-PSH114-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-PSH115-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:55	DFM					
PX-2813-PSH115-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:55	NJB					
PX-2813-PSH115-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT115-WS-FD	WATER SPIGOT	10/18/2014	10:50	DFM					
PX-2813-PSH116-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:50	DFM					
PX-2813-PSH116-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:50	NJB					
PX-2813-PSH116-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet

Date of Test: 10/18/14
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10A1401127003/Patuxent River
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Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2813-OUT116-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	10:50	NJB				
PX-2813-PSH117-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:45	DFM				
PX-2813-PSH117-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:45	NJB				
PX-2813-PSH117-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH122-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:05	DFM				
PX-2813-PSH122-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:05	NJB				
PX-2813-PSH122-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-INF123-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:05	DFM				
PX-2813-INF123-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:05	NJB				
PX-2813-INF123-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH124-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:05	DFM				
PX-2813-PSH124-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:05	NJB				
PX-2813-PSH124-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-INF125-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:05	DFM				
PX-2813-INF125-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:05	NJB				
PX-2813-INF125-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-OUT125-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	10:40	NJB				
PX-2813-INF127-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:10	DFM				
PX-2813-INF127-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:10	NJB				
PX-2813-INF127-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-OUT127-WS-FD	WATER SPIGOT	10/18/2014	10:40	DFM				
PX-2813-Bath129-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-Bath131-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet

Date of Test: 10/18/14

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 Drew E. Morrison

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Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
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Water intended for: Drinking SAMPLE ID	Outlet Description	INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
		First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2813-TL134-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:20	NDB				
PX-2813-K137-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014	11:15	DFM				
PX-2813-K137-HHWP-FD	HIGH HAND WASHING (adults)	10/18/2014	11:15	DFM				
PX-2813-K137-HHWC-FD	HIGH HAND WASHING (adults)	10/18/2014	11:15	DFM				
PX-2813-K137-KA-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:15	NDB				
PX-2813-K137-KB-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:15	NDB				
PX-2813-K137-KC-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:15	NDB				
PX-2813-K137-KSPA-FD	KITCHEN SPRAYER	10/18/2014	11:15	NDB				
PX-2813-K137-KSPB-FD	KITCHEN SPRAYER	10/18/2014	11:15	NDB				
PX-2813-OUT137-W5-FD	WATER SPIGOT	10/18/2014	11:20	DFM				
PX-2813-PSH140-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:25	DFM				
PX-2813-PSH140-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:25	DFM				
PX-2813-PSH140-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:25	NDB				
PX-2813-PSH140-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH140-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH140-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:25	NDB				
PX-2813-PSH141-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:25	DFM				
PX-2813-PSH141-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:25	NDB				
PX-2813-PSH141-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:25	NDB				
PX-2813-PSH141-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:25					Automatic faucet
PX-2813-PSH141-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH141-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:25	NDB				
PX-2813-PSH142-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:36	DFM				

Date of Test: 10/18/14

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 10A1401127003/Patuxent River
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Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS				CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	Sampler	
PX-2813-PSH142-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:35	(NJB)					
PX-2813-PSH142-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:35	(NJB)					
PX-2813-PSH142-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet	
PX-2813-PSH142-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet	
PX-2813-PSH142-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:35	(NJB)					
PX-2813-OUT142-WS-FD	WATER SPIGOT	10/18/2014						Clogged with rocks - does NOT work	
PX-2813-PSH143-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:45	DFM					
PX-2813-PSH143-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:45	(NJB)					
PX-2813-PSH143-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:45	(NJB)					
PX-2813-PSH143-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet	
PX-2813-PSH143-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet	
PX-2813-PSH143-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:45	(NJB)					
PX-2813-OUT143-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:35	(NJB)					
PX-2813-PSH144-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:50	DFM					
PX-2813-PSH144-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:50	(NJB)					
PX-2813-PSH144-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:50	(NJB)					
PX-2813-PSH144-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet	
PX-2813-PSH144-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet	
PX-2813-PSH144-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:50	(NJB)					
PX-2813-TOD145-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:55	DFM					
PX-2813-TOD145-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:55	(NJB)					
PX-2813-TOD145-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:55	(NJB)					
PX-2813-TOD145-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet	

Date of Test: 10/18/14

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 Dr. E. Marsan

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Priority Areas Lead Testing and Corrective Actions Oct 2014
Patuxent River
Building 2813



Water intended for: Drinking SAMPLE ID	Outlet Description	INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
		First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2813-TOD145-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD145-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014						Shut off at valve - not working
PX-2813-TOD146-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:50	DFM				
PX-2813-TOD146-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:50	(NS)				
PX-2813-TOD146-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:50	(NS)				
PX-2813-TOD146-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD146-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD146-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:50	(NS)				
PX-2813-OUT146-WS-FD	WATER SPIGOT	10/18/2014	11:35	DFM				
PX-2813-TOD147-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:40	DFM				
PX-2813-TOD147-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:40	(NS)				
PX-2813-TOD147-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:40	(NS)				
PX-2813-TOD147-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD147-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD147-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:40	(NS)				
PX-2813-OUT147-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:35	(NS)				
PX-2813-TOD148-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:35	DFM				
PX-2813-TOD148-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:35	(NS)				
PX-2813-TOD148-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:35	(NS)				
PX-2813-TOD148-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD148-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD148-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:35	(NS)				
PX-2813-TOD149-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:30	DFM				

Date of Test: 10/18/14

Time of Completion: 12:15

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Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2813-TOD149-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:30	NJB				
PX-2813-TOD149-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:30	NJB				
PX-2813-TOD149-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD149-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD149-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:30	NJB				
PX-2813-BathA-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-BathASST DIR HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-BathASST DIR HHWB-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-HLWASST DIR-WFCA-FD	WATER FOUNTAIN (COOLER)	10/18/2014	11:00	NJB				
PX-2813-HLWASST DIR-WFCB-FD	WATER FOUNTAIN (COOLER)	10/18/2014	11:00	NJB				
PX-2813-BathB-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-UTC-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet

Date of Test: 10/18/14

Time of Completion: 12:15

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Reviewer: James R. Jenkins
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 Date: 10/18/14

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Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
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Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS				CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	Sampler	
PX-MDC-OFF1762-WS-FD	WATER SPIGOT	10/18/2014	7:25	(NDB)					
PX-MDC-OFF1763-WS-FD	WATER SPIGOT	10/18/2014	7:25	(NDB)					
PX-MDC-OFF1764-WS-FD	WATER SPIGOT	10/18/2014	7:30	(NDB)					
PX-MDC-OFF2652-WS-FD	WATER SPIGOT	10/18/2014	7:25	(NDB)					
PX-MDC-BathBHB-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHB-HHWB-FD	HIGH HAND WASHING (adults)	10/18/2014			Constant Dripping				
PX-MDC-BathBHB-HHWC-FD	HIGH HAND WASHING (adults)	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHB-SHW-FD	SHOWER HEAD	10/18/2014			Used During Night - Unsecured				
PX-MDC-BathBHB-WFCA-FD	WATER FOUNTAIN (COOLER)	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHB-WFCB-FD	WATER FOUNTAIN (COOLER)	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHB-WS-FD	WATER SPIGOT	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHG-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-HHWB-FD	HIGH HAND WASHING (adults)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-HHWC-FD	HIGH HAND WASHING (adults)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-SHW-FD	SHOWER HEAD	10/18/2014	7:50	(NDB)					
PX-MDC-BathBHG-WFCA-FD	WATER FOUNTAIN (COOLER)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-WFCB-FD	WATER FOUNTAIN (COOLER)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	7:45	(NDB)					
PX-MDC-OUTyard-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	7:45	(NDB)					
PX-MDC-OUTSPARE-WSC-FD	WATER SPIGOT 2616 Library	10/18/2014	7:35	(NDB)					
PX-MDC-OUTSPARE-WSD-FD	WATER SPIGOT 2617	10/18/2014	7:35	(NDB)					
PX-MDC-OUTSPARE-WSE-FD	WATER SPIGOT 2616 staff lounge	10/18/2014	7:35	(NDB)					
PX-MDC-OUTSPARE-WSF-FD	WATER SPIGOT	10/18/2014			Not needed				

Date of Test: 10/18/14
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 Drew B. Manson

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Priority Areas Lead Testing and Corrective Actions Oct 2014
Patuxent River
Building 1597



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-1597-RM2A-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014		Automatic Faucet				
PX-1597-RM2A-HHWP-FD	HIGH HAND WASHING (adults)	10/18/2014		Automatic Faucet				
PX-1597-HLW2A-WFC-FD	WATER FOUNTAIN (COOLER)	10/18/2014	8:15	(NJD)				
PX-1597-RM3A-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014		Automatic Faucet				
PX-1597-RM3A-HHWP-FD	HIGH HAND WASHING (adults)	10/18/2014		Automatic Faucet				
PX-1597-Bath3B-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	8:15	(NJD)				
PX-1597-Bath4B-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	8:15	(NJD)				
PX-1597-Bath4B-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	8:15	(NJD)				
PX-1597-OUT4B-WFC-FD	WATER FOUNTAIN (COOLER)	10/18/2014	8:20	(NJD)				
PX-1597-Bath5B-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014	8:20	(NJD)				
PX-1597-Bath5B-HHWP-FD	HIGH HAND WASHING (adults)	10/18/2014	8:20	(NJD)				
PX-1597-K6A-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	8:10	(NJD)				
PX-1597-OUT6A-WS-FD	WATER SPIGOT	10/18/2014		Does NOT work				
PX-1597-OUT7A-WS-FD	WATER SPIGOT	10/18/2014	8:25	(NJD)				

Date of Test: 10/18/14

Time of Completion: 8:25 am

Reviewed by: James R. Jenkins
Drew F. Morson

Received by:

Signature:
Date: 10/18/14 Time: 1436

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2030



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2030-INF2310-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:15	NJB				
PX-2030-INF2310-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:15	NJB				
PX-2030-INF2310-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:15	NJB				
PX-2030-OUT2310-WS-FD	WATER SPIGOT	10/18/2014	9:25	NJB				
PX-2030-INF2314-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:20	NJB				
PX-2030-INF2314-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:20	NJB				
PX-2030-INF2314-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:20	NJB				
PX-2030-K2404-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	9:55	NJB				
PX-2030-INF2432-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:50	NJB				
PX-2030-INF2432-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	9:50	NJB				
PX-2030-INF2435-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:50	NJB				
PX-2030-INF2435-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	9:50	NJB				
PX-2030-INF2437-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	NJB				
PX-2030-INF2437-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	NJB				
PX-2030-INF2437-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	NJB				
PX-2030-INF2440-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:40	NJB				
PX-2030-INF2440-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:40	NJB				
PX-2030-INF2440-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:40	NJB				
PX-2030-OUT2440-WS-FD	WATER SPIGOT	10/18/2014	9:35	NJB				
PX-2030-INF2447-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:30	NJB				
PX-2030-INF2447-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:30	NJB				
PX-2030-INF2447-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:30	NJB				
PX-2030-Bath2448-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:15	NJB				

Date of Test: 10/18/14

Time of Completion: 10:05
 10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Reviewer: James R. Jenkins
 B15
 Drew F. Morson

Received by:

Signature:
 Date: 10/18/14 Time: 10:05

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 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2030



Water intended for: Drinking SAMPLE ID	Outlet Description	INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
		First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2030-UT2449-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014			Behind Locked Door			
PX-2030-HLW2451-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	9:10	(NOB)				
PX-2030-HLW2457-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	9:45	(NOB)				
PX-2030-Bath23FA-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:00	(NOB)				
PX-2030-Bath23FC-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	9:10	(NOB)				
PX-2030-K242C-KSP-FD	KITCHEN SPRAYER	10/18/2014	9:50	(NOB)				
PX-2030-INF243E-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:40	(NOB)				
PX-2030-INF243E-LHWB-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	(NOB)				
PX-2030-INF243E-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	9:45	(NOB)				
PX-2030-OUT243E-WS-FD	WATER SPIGOT	10/18/2014	9:35	(NOB)				
PX-2030-UT244A-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014			Behind Locked Door			
PX-2030-OUTYARD-WFBA-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	9:25	(NOB)				
PX-2030-OUTYARD-WFBB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014			Does not work			
PX-2030-OUT 242d-WS-FD	Water Spigot	10/18/14	9:55	(NOB)				
PX-2030-OUTLYARD-WS-FD	Water Spigot	10/18/14	10:00	(NOB)				
PX-2030-OUT 2314-WS-FD	Water Spigot	10/18/14	10:05	(NOB)				

Date of Test: 10/18/14
 Time of Completion: 10:05

10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Reviewed by: James B. Judkins
 B16
 Drew E. Morson

Received by:

Signature:
 Date: 10/18/14 Time: 1:43

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 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS				CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	Sampler	
PX-2813-INF101-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	12:15	(NOB)					
PX-2813-INF101-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:25	(NOB)					
PX-2813-INF101-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic Faucet
PX-2813-OUT101-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014							Does not work
PX-2813-INF102-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:25	DFM					
PX-2813-INF102-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:25	(NOB)					
PX-2813-INF102-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT102-WS-FD	WATER SPIGOT	10/18/2014	10:35	(NOB)					
PX-2813-INF103-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:30	(NOB)					
PX-2813-INF103-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:30	(NOB)					
PX-2813-INF103-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-INF104-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:30	DFM					
PX-2813-INF104-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:30	(NOB)					
PX-2813-INF104-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT104-WS-FD	WATER SPIGOT	10/18/2014	10:35	DFM					
PX-2813-INF105-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:30	DFM					
PX-2813-INF105-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:30	(NOB)					
PX-2813-INF105-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT105-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	10:35	(NOB)					
PX-2813-INF106-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:25	(NOB)					
PX-2813-INF106-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:25	(NOB)					
PX-2813-INF106-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-INF110-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:40	DFM					

Date of Test: 10/15/14
 Time of Completion: 12:00 12:15

Reviewer: James R. Jenkins
 B17
 Doreen E. Marson

Received by: JRB SFD

Signature:
 Date: 10/18/14 Time: 1:45

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 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS	
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time		Sampler
PX-2813-INF110-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:40	NJB					
PX-2813-INF110-LRW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-INF111-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:50	DFM					
PX-2813-INF111-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:50	NJB					
PX-2813-INF111-LRW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT111-WFB-FD	WATER FOUNTAIN (BOUBLER)	10/18/2014							Does NOT work
PX-2813-INF112-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:55	DFM					
PX-2813-INF112-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:55	NJB					
PX-2813-INF112-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-INF113-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:55	DFM					
PX-2813-INF113-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:55	NJB					
PX-2813-INF113-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT113-WS-FD	WATER SPIGOT	10/18/2014	10:45	NJB					
PX-2813-PSH114-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:00	DFM					
PX-2813-PSH114-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:00	NJB					
PX-2813-PSH114-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-PSH115-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:55	DFM					
PX-2813-PSH115-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:55	NJB					
PX-2813-PSH115-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-OUT115-WS-FD	WATER SPIGOT	10/18/2014	10:50	DFM					
PX-2813-PSH116-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:50	DFM					
PX-2813-PSH116-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:50	NJB					
PX-2813-PSH116-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet

Date of Test: 10/18/14
 Time of Completion: 12:15

10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Reviewer: James R. Judkins
 Drew E. Marson

Received by: [Signature]

Signature: [Signature]
 Date: 10/18/14 Time: 1:30

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2813-OUT116-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	10:50	NJB				
PX-2813-PSH117-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	10:45	DFM				
PX-2813-PSH117-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	10:45	NJB				
PX-2813-PSH117-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH122-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:05	DFM				
PX-2813-PSH122-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:05	NJB				
PX-2813-PSH122-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-INF123-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:05	DFM				
PX-2813-INF123-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:05	NJB				
PX-2813-INF123-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH124-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:05	DFM				
PX-2813-PSH124-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:05	NJB				
PX-2813-PSH124-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-INF125-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:05	DFM				
PX-2813-INF125-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:05	NJB				
PX-2813-INF125-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-OUT125-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	10:40	NJB				
PX-2813-INF127-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:10	DFM				
PX-2813-INF127-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:10	NJB				
PX-2813-INF127-LHW-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-OUT127-WS-FD	WATER SPIGOT	10/18/2014	10:40	DFM				
PX-2813-Bath129-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-Bath131-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet

Date of Test: 10/18/14

Time of Completion: 12:15

10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Reviewer: James R. JENKINS
 B19
 Drew E. Morrison

Received by: JB Stah

Signature:
 Date: 10/18/14 Time: 12:35

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking SAMPLE ID	Outlet Description	INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
		First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2813-TL134-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:20	NDB				
PX-2813-K137-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014	11:15	DFM				
PX-2813-K137-HHWP-FD	HIGH HAND WASHING (adults)	10/18/2014	11:15	DFM				
PX-2813-K137-HHWC-FD	HIGH HAND WASHING (adults)	10/18/2014	11:15	DFM				
PX-2813-K137-KA-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:15	NDB				
PX-2813-K137-KB-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:15	NDB				
PX-2813-K137-KC-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:15	NDB				
PX-2813-K137-KSPA-FD	KITCHEN SPRAYER	10/18/2014	11:15	NDB				
PX-2813-K137-KSPB-FD	KITCHEN SPRAYER	10/18/2014	11:15	NDB				
PX-2813-OUT137-W5-FD	WATER SPIGOT	10/18/2014	11:20	DFM				
PX-2813-PSH140-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:25	DFM				
PX-2813-PSH140-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:25	DFM				
PX-2813-PSH140-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:25	NDB				
PX-2813-PSH140-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH140-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH140-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:25	NDB				
PX-2813-PSH141-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:25	DFM				
PX-2813-PSH141-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:25	NDB				
PX-2813-PSH141-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:25	NDB				
PX-2813-PSH141-LHWP-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:25					Automatic faucet
PX-2813-PSH141-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-PSH141-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:25	NDB				
PX-2813-PSH142-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:36	DFM				

Date of Test: 10/18/14

Time of completion: 12:15
 10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Signature:
 Reviewer: James R. Judkins
 B20
 Drew R. Mancini

Received by: JRB Stork

Signature:
 Date: 10/18/14 Time: 1435

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS				CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	Sampler	
PX-2813-PSH142-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:35	(NJB)					
PX-2813-PSH142-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:35	(NJB)					
PX-2813-PSH142-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet	
PX-2813-PSH142-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet	
PX-2813-PSH142-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:35	(NJB)					
PX-2813-OUT142-WS-FD	WATER SPIGOT	10/18/2014							Clogged with rocks - does NOT work
PX-2813-PSH143-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:45	DFM					
PX-2813-PSH143-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:45	(NJB)					
PX-2813-PSH143-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:45	(NJB)					
PX-2813-PSH143-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-PSH143-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-PSH143-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:45	(NJB)					
PX-2813-OUT143-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:35	(NJB)					
PX-2813-PSH144-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:50	DFM					
PX-2813-PSH144-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:50	(NJB)					
PX-2813-PSH144-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:50	(NJB)					
PX-2813-PSH144-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-PSH144-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet
PX-2813-PSH144-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:50	(NJB)					
PX-2813-TOD145-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:55	DFM					
PX-2813-TOD145-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:55	(NJB)					
PX-2813-TOD145-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:55	(NJB)					
PX-2813-TOD145-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014							Automatic faucet

Date of Test: 10/18/14

Time of Completion: 12:15

10A1401127003/Patuxent River
 N40080-14-D-0453/0003

[Signature]
 Reviewer: James R. Jenkins
 B21
 Du... E. Marson

Received by: *[Signature]*

Signature: *[Signature]*
 Date: 10/18/14 Time: 1420

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking SAMPLE ID	Outlet Description	INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
		First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2813-TOD145-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD143-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014						Shut off at valve - not working
PX-2813-TOD146-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:50	DFM				
PX-2813-TOD146-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:50	(NS)				
PX-2813-TOD146-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:50	(NS)				
PX-2813-TOD146-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD146-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD146-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:50	(NS)				
PX-2813-OUT146-WS-FD	WATER SPIGOT	10/18/2014	11:35	DFM				
PX-2813-TOD147-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:40	DFM				
PX-2813-TOD147-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:40	(NS)				
PX-2813-TOD147-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:40	(NS)				
PX-2813-TOD147-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD147-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD147-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:40	(NS)				
PX-2813-OUT147-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:35	(NS)				
PX-2813-TOD148-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:35	DFM				
PX-2813-TOD148-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:35	(NS)				
PX-2813-TOD148-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:35	(NS)				
PX-2813-TOD148-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD148-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD148-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:35	(NS)				
PX-2813-TOD149-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	11:30	DFM				

Date of Test: 10/18/14

Time of Completion: 12:15

10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Reviewed by: James R. Jenkins
 B22
 David E. Marson

Received by: JYS Stul

Signature:
 Date: 10/18/14 Time: 1430

10A1401127003
 10082014
 EPA Method # 200.8
 Lead Sampling

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	
PX-2813-TOD149-K-FD	KITCHEN SINK FOR FOOD PREP	10/18/2014	11:30	NJB				
PX-2813-TOD149-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014	11:30	NJB				
PX-2813-TOD149-LHWA-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD149-LHWC-FD	LOW HAND WASHING FAUCET (youth)	10/18/2014						Automatic faucet
PX-2813-TOD149-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	11:30	NJB				
PX-2813-BathA-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-BathASST DIR HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-BathASST DIR HHWB-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-HLWASST DIR-WFCA-FD	WATER FOUNTAIN (COOLER)	10/18/2014	11:00	NJB				
PX-2813-HLWASST DIR-WFCB-FD	WATER FOUNTAIN (COOLER)	10/18/2014	11:00	NJB				
PX-2813-BathB-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet
PX-2813-UTC-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014						Automatic faucet

Date of Test: 10/18/14

Time of Completion: 12:15

10A1401127003/Patuxent River
 N40080-14-D-0453/0003

Reviewer: James R. Judkins
 B23
 Date: 10/18/14

Received by:

Signature:
 Date: 10/18/14 Time: 1430

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Mattapany Day Camp



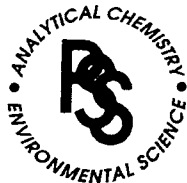
Water intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS				CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Time	Sampler	Date	First sample Time	Second Sample Time	Sampler	
PX-MDC-OFF1762-WS-FD	WATER SPIGOT	10/18/2014	7:25	(NDB)					
PX-MDC-OFF1763-WS-FD	WATER SPIGOT	10/18/2014	7:25	(NDB)					
PX-MDC-OFF1764-WS-FD	WATER SPIGOT	10/18/2014	7:30	(NDB)					
PX-MDC-OFF2652-WS-FD	WATER SPIGOT	10/18/2014	7:25	(NDB)					
PX-MDC-BathBHB-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHB-HHWB-FD	HIGH HAND WASHING (adults)	10/18/2014			Constant Dripping				
PX-MDC-BathBHB-HHWC-FD	HIGH HAND WASHING (adults)	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHB-SHW-FD	SHOWER HEAD	10/18/2014			Used During Night - Unsecured				
PX-MDC-BathBHB-WFCA-FD	WATER FOUNTAIN (COOLER)	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHB-WFCB-FD	WATER FOUNTAIN (COOLER)	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHB-WS-FD	WATER SPIGOT	10/18/2014	7:40	(NDB)					
PX-MDC-BathBHG-HHWA-FD	HIGH HAND WASHING (adults)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-HHWB-FD	HIGH HAND WASHING (adults)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-HHWC-FD	HIGH HAND WASHING (adults)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-SHW-FD	SHOWER HEAD	10/18/2014	7:50	(NDB)					
PX-MDC-BathBHG-WFCA-FD	WATER FOUNTAIN (COOLER)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-WFCB-FD	WATER FOUNTAIN (COOLER)	10/18/2014	7:45	(NDB)					
PX-MDC-BathBHG-HHW-FD	HIGH HAND WASHING (adults)	10/18/2014	7:45	(NDB)					
PX-MDC-OUTyard-WFB-FD	WATER FOUNTAIN (BUBBLER)	10/18/2014	7:45	(NDB)					
PX-MDC-OUTSPARE-WSC-FD	WATER SPIGOT 2616 Library	10/18/2014	7:35	(NDB)					
PX-MDC-OUTSPARE-WSD-FD	WATER SPIGOT 2617	10/18/2014	7:35	(NDB)					
PX-MDC-OUTSPARE-WSE-FD	WATER SPIGOT 2616 staff lounge	10/18/2014	7:35	(NDB)					
PX-MDC-OUTSPARE-WSF-FD	WATER SPIGOT	10/18/2014			Not needed				

Date of Test: 10/18/14
 Time of Completion: 7:50

Reviewer: James R. Ludkins
 B24
 Drew E. Marston

Received by: DJ Stok

Signature: [Signature]
 Date: 10/19/14 Time: 1:42



SAMPLE CHAIN OF CUSTODY/AGREEMENT FORM

PHASE SEPARATION SCIENCE, INC.

www.phaseonline.com
email: info@phaseonline.com

1 CLIENT: RASco, Inc. OFFICE LOC. Woodbridge, VA					PSS Work Order #: _____					PAGE <u>1</u> OF <u>1</u>																																																																																																																																																																																																																	
PROJECT MGR: Jim Judkins PHONE NO.: 703-643-2952 x 205					Matrix Codes: <small>SW=Surface Wtr DW=Drinking Wtr GW=Ground Wtr WW=Waste Wtr O=Oil S=Soil WL=Waste Liquid WS=Waste Solid W= Wipe</small>					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">No.</td> <td style="width: 20px; text-align: center;">Yes</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td style="width: 100px; text-align: center;">Preservative Used</td> </tr> <tr> <td style="text-align: center;">CONTAINERS</td> <td style="text-align: center;">Pb EPA Method 200.8</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> <tr> <td style="text-align: center;">SAMPLE TYPE</td> <td style="text-align: center;">C = COMP</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td style="text-align: center;">Analysis/ Method Required</td> </tr> <tr> <td style="text-align: center;">G = GRAB</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> </table>					No.	Yes																			Preservative Used	CONTAINERS	Pb EPA Method 200.8																				SAMPLE TYPE	C = COMP																			Analysis/ Method Required	G = GRAB																																																																																																																																													
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EMAIL: jjudkins@rascoengineers.com FAX NO.: 703-497-2905					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">LAB NO.</th> <th style="width: 30%;">SAMPLE IDENTIFICATION</th> <th style="width: 10%;">DATE</th> <th style="width: 10%;">TIME</th> <th style="width: 10%;">MATRIX (See Codes)</th> <th style="width: 5%;">No.</th> <th style="width: 5%;">SAMPLE TYPE</th> <th style="width: 5%;">Yes</th> <th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th> <th style="width: 10%;">REMARKS</th> </tr> <tr> <td></td><td>PX-2030-INF2440-LHWC-FF30</td><td>11/11/14</td><td>7:32</td><td>DW</td><td>1</td><td>G</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>previous result = 28 ppb</td> </tr> <tr> <td></td><td>PX-2030-OUT2314-WS-FF30</td><td>11/11/14</td><td>7:22</td><td>DW</td><td>1</td><td>G</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>previous result = 25.1 ppb</td> </tr> <tr> <td></td><td>PX-2813-OUT102-WS-FF30</td><td>11/11/14</td><td>7:41</td><td>DW</td><td>1</td><td>G</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>previous result = 32 ppb</td> </tr> <tr> <td></td><td>PX-2813-OUT104-WS-FF30</td><td>11/11/14</td><td>7:44</td><td>DW</td><td>1</td><td>G</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>previous result = 58.8 ppb</td> </tr> <tr> <td></td><td>PX-2813-OUT113-WS-FF30</td><td>11/11/14</td><td>7:51</td><td>DW</td><td>1</td><td>G</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>previous result = 56.2 ppb</td> </tr> <tr> <td></td><td>PX-2813-OUT115-WS-FF30</td><td>11/11/14</td><td>7:54</td><td>DW</td><td>1</td><td>G</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>previous result = 48.5 ppb</td> </tr> <tr> <td></td><td>PX-2813-OUT127-WS-FF30</td><td>11/11/14</td><td>7:47</td><td>DW</td><td>1</td><td>G</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>previous result = 60.8 ppb</td> </tr> <tr> <td></td><td>PX-2813-OUT146-WS-FF30</td><td>11/11/14</td><td>7:57</td><td>DW</td><td>1</td><td>G</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td>previous result = 78.7 ppb</td> </tr> <tr> <td></td><td>PX-2030-INF2440-LHWC-2FD</td><td>11/11/14</td><td>7:30</td><td>DW</td><td>1</td><td>G</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> </table>					LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX (See Codes)	No.	SAMPLE TYPE	Yes													REMARKS		PX-2030-INF2440-LHWC-FF30	11/11/14	7:32	DW	1	G	✓													previous result = 28 ppb		PX-2030-OUT2314-WS-FF30	11/11/14	7:22	DW	1	G	✓													previous result = 25.1 ppb		PX-2813-OUT102-WS-FF30	11/11/14	7:41	DW	1	G	✓													previous result = 32 ppb		PX-2813-OUT104-WS-FF30	11/11/14	7:44	DW	1	G	✓													previous result = 58.8 ppb		PX-2813-OUT113-WS-FF30	11/11/14	7:51	DW	1	G	✓													previous result = 56.2 ppb		PX-2813-OUT115-WS-FF30	11/11/14	7:54	DW	1	G	✓													previous result = 48.5 ppb		PX-2813-OUT127-WS-FF30	11/11/14	7:47	DW	1	G	✓													previous result = 60.8 ppb		PX-2813-OUT146-WS-FF30	11/11/14	7:57	DW	1	G	✓													previous result = 78.7 ppb		PX-2030-INF2440-LHWC-2FD	11/11/14	7:30	DW	1	G	✓													
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	PX-2813-OUT115-WS-FF30	11/11/14	7:54	DW	1	G	✓													previous result = 48.5 ppb																																																																																																																																																																																																							
	PX-2813-OUT127-WS-FF30	11/11/14	7:47	DW	1	G	✓													previous result = 60.8 ppb																																																																																																																																																																																																							
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PROJECT NAME: Lead in Priority Areas Sampling PROJECT NO.: 10A1401127003					No. CONTAINERS					Yes					Preservative Used																																																																																																																																																																																																												
SITE LOCATION: NAS Patuxent River P.O. NO.:																																																																																																																																																																																																																											
SAMPLERS: Drew F Morson DW CERT NO. :					Pb EPA Method 200.8					Analysis/Method Required					REMARKS																																																																																																																																																																																																												
2																																																																																																																																																																																																																											
5					4					Requested Turnaround Time <input type="checkbox"/> 5-Day <input type="checkbox"/> 3-Day <input type="checkbox"/> 2-Day <input type="checkbox"/> Next Day <input type="checkbox"/> Emergency <input type="checkbox"/> Other					# of Coolers: _____ Custody Seal: _____ Ice Present: _____ Temp: _____ Shipping Carrier: _____																																																																																																																																																																																																												
Relinquished By: (1) <u>Drew F Morson</u> Date <u>11/11/14</u> Time _____ Received By: _____					Relinquished By: (2) _____ Date _____ Time _____ Received By: _____					Data Deliverables Required: _____					Special Instructions: _____																																																																																																																																																																																																												
Relinquished By: (3) _____ Date _____ Time _____ Received By: _____					Relinquished By: (4) _____ Date _____ Time _____ Received By: _____					_____					_____																																																																																																																																																																																																												

6630 Baltimore National Pike • Route 40 West • Baltimore, Maryland 21228 • (410) 747-8770 • (800) 932-9047 • Fax (410) 788-8723
 The client (Client Name), by signing, or having client's agent sign, this "Sample Chain of Custody/Agreement Form", agrees to pay for the above requested services per the latest version of the Service Brochure or PSS-provided quotation including any and all attorney's or other reasonable fees if collection becomes necessary.

Priority Areas Lead Testing and Corrective Actions Oct 2014
 Patuxent River
 Building 2813



Same fixture,
different draws

Water Intended for: Drinking		INITIAL SAMPLING RESULTS			RE-SAMPLING RESULTS			CORRECTIVE ACTIONS
SAMPLE ID	Outlet Description	First Draw (ppb)	Results	Date	First sample Time	Second Sample Time	Sampler	
PX-2030-INF2440-LHWC-FF30	LOW HAND WASHING	10/18/2014	28 ppb	11/11/2014	7:32	DFM		None
PX-2030-OUT2314-WS-FF30	WATER SPIGOT	10/18/2014	25.1 ppb	11/11/2014	7:22	DFM		None
PX-2813-OUT102-WS-FF30	WATER SPIGOT	10/18/2014	32 ppb	11/11/2014	7:41	DFM		None
PX-2813-OUT104-WS-FF30	WATER SPIGOT	10/18/2014	58.8 ppb	11/11/2014	7:44	DFM		None
PX-2813-OUT113-WS-FF30	WATER SPIGOT	10/18/2014	56.2 ppb	11/11/2014	7:51	DFM		None
PX-2813-OUT115-WS-FF30	WATER SPIGOT	10/18/2014	48.5 ppb	11/11/2014	7:54	DFM		None
PX-2813-OUT127-WS-FF30	WATER SPIGOT	10/18/2014	60.8 ppb	11/11/2014	7:47	DFM		None
PX-2813-TOD146-WS-FF30	WATER SPIGOT	10/18/2014	78.7 ppb	11/11/2014	7:57	DFM		None
PX-2030-INF2440-LHWC-2FD				11/11/2014	7:30	DFM		

Date of Test: 11/11/14
 Time of Completion: 7:57

Reviewer: James R. Judkins
 Drew F. Morson

Received by: _____ Signature: _____
 Date: _____ Time: _____

Appendix C

Laboratory Certificates

Laboratory work was provided by:

Mid-Atlantic Laboratories, Inc.
Port Royal, VA 22535
(Reporting only)

Summit Environmental Technologies, Inc.
Cuyahoga Falls, OH 44223
(Actual lab work)

Phase Separation Science, Inc.
6630 Baltimore National Pike
Baltimore, MD 21228
(Reporting & lab work)





DEPARTMENT OF THE ENVIRONMENT
WATER SUPPLY PROGRAM

Certifies That

MID-ATLANTIC LABORATORIES, INC.
224 Main Street, Suite 1, Port Royal, VA 22535

*Having duly met the requirements of the
Regulations Governing Laboratory Certification
And Standards of Performance In Accordance With
The Annotated Code of Maryland,
is hereby approved as a*

State Certified Water Quality Laboratory

*To perform the analyses indicated on the Annual Certified Parameter List,
which must accompany this certificate.*

Certification # 215

Date Issued April 21, 2014

Expiration Date June 30, 2015
(Not Transferable)

Administrator, Water Supply Program

This certification is subject to unannounced laboratory inspections

CONSPICUOUSLY DISPLAY IN THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST.

MDE01032



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF CONSOLIDATED LABORATORY SERVICES

Certifies That

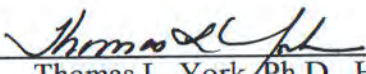
MID-ATLANTIC LABORATORY INC.
PORT ROYAL, VIRGINIA

Having Duly Met The Requirements of the Regulations for
the Certification of Laboratories Analyzing Drinking Water is
hereby Approved as a

CERTIFIED Drinking Water Laboratory

To perform the Analyses as indicated on the Annual Certified Parameter List
which must accompany this certificate to be valid.

Laboratory ID Number 00215 EFFECTIVE: July 1, 2014 THROUGH: June 30, 2015
Certificate No.: 3101



Thomas L. York, Ph.D., HCLD
DGS Deputy Director for Laboratories

This certification is subject to unannounced laboratory inspections.
Conspicuously display in the laboratory with the annual certified parameter list.

This laboratory has met the minimum requirements for certification to analyze Drinking Water.
THIS CERTIFICATION DOES NOT GUARANTEE ACCURATE RESULTS.

Surrender Upon Revocation



**DEPARTMENT OF THE ENVIRONMENT
WATER SUPPLY PROGRAM**

Certifies That

SUMMIT ENVIRONMENTAL TECHNOLOGIES, INC.
3310 Win Street, Cuyahoga Falls, OH 44223

*Having duly met the requirements of the
Regulations Governing Laboratory Certification
And Standards of Performance In Accordance With
The Annotated Code of Maryland,
is hereby approved as a*


State Certified Water Quality Laboratory

*To perform the analyses indicated on the Annual Certified Parameter List,
which must accompany this certificate.*

Certification # 339

Date Issued February 4, 2014

Expiration Date March 31, 2015
(Not Transferable)


Administrator, Water Supply Program

This certification is subject to unannounced laboratory inspections

CONSPICUOUSLY DISPLAY IN THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST.

MDE01000



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF CONSOLIDATED LABORATORY SERVICES

Certifies That

Summit Environmental Technologies, Inc.

Cuyahoga Falls, OH

Having Duly Met The Requirements of the Regulations for the
Certification of Laboratories Analyzing Drinking Water is here
Approved as a

CERTIFIED Drinking Water Laboratory

To perform the Analyses as indicated on the Annual Certified Parameter List wt
must accompany this certificate to be valid.

Laboratory ID Number: 00440 EFFECTIVE: July 1, 2014 THROUGH: June 30, 2015

Certificate No.: 3004

Denise M. Toney, Ph.D.
DCLS Deputy Director

This certification is subject to unannounced laboratory inspections
Conspicuously display in the laboratory with the annual certified parameter list

This laboratory has met the minimum requirements for certification to analyze Drinking Water.
THIS CERTIFICATION DOES NOT GUARANTEE ACCURATE RESULTS.

Certificate Not Transferable

Surrender Upon Revocation



Issued Date: August 1, 2014
Expiration Date: March 31, 2015

MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore MD 21230

410-537-3000 • 1-800-633-6101 • www.mde.maryland.gov

Martin O'Malley
Governor

Robert M. Summers, Ph.D.
Secretary

Anthony G. Brown
Lieutenant Governor

SDWA ANNUAL CERTIFIED PARAMETER LIST-Revised

Summit Environmental Technologies, Inc.
3310 Win Street
Cuyahoga Falls, OH 44223

Opal Davis Johnson
Certificate # 339
EPA ID # OH00923

ANALYTE	METHOD	STATUS
1,1,1-Trichloroethane	EPA 524.2, Rev. 4.1	Certified
1,1,2-Trichloroethane	EPA 524.2, Rev. 4.1	Certified
1,1-Dichloroethylene	EPA 524.2, Rev. 4.1	Certified
1,2,4-Trichlorobenzene	EPA 524.2, Rev. 4.1	Certified
1,2-Dichlorobenzene	EPA 524.2, Rev. 4.1	Certified
1,2-Dichloroethane	EPA 524.2, Rev. 4.1	Certified
1,2-Dichloropropane	EPA 524.2, Rev. 4.1	Certified
1,4-Dichlorobenzene	EPA 524.2, Rev. 4.1	Certified
2,3,7,8-TCDD (Dioxin)	EPA 1613, October 1994	Certified
2,4,5-TP (Silvex)	EPA 515.1, Rev. 4.0	Certified
2,4-D	EPA 515.1, Rev. 4.0	Certified
Alachlor	EPA 525.2, Rev. 2.0	Certified
Aldicarb	EPA 531.2, Rev. 1.0	Certified
Aldicarb Sulfone	EPA 531.2, Rev. 1.0	Certified
Aldicarb Sulfoxide	EPA 531.2, Rev. 1.0	Certified
Antimony	EPA 200.8, Rev. 5.4	Certified
Arsenic	EPA 200.8, Rev. 5.4	Certified
Atrazine	EPA 525.2, Rev. 2.0	Certified
Barium	EPA 200.7, Rev. 4.4.	Certified
Barium	EPA 200.8, Rev. 5.4	Certified
Benzene	EPA 524.2, Rev. 4.1	Certified
Benzo(a)pyrene	EPA 525.2, Rev. 2.0	Certified
Beryllium	EPA 200.7, Rev. 4.4.	Certified
Beryllium	EPA 200.8, Rev. 5.4	Certified
Bromodichloromethane	EPA 524.2, Rev. 4.1	Certified
Bromoform	EPA 524.2, Rev. 4.1	Certified



MARYLAND DEPARTMENT OF THE ENVIRONMENT

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Issued Date: August 1, 2014
Expiration Date: March 31, 2015

Martin O'Malley
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Robert M. Summers, Ph.D.
Secretary

Anthony G. Brown
Lieutenant Governor

SDWA ANNUAL CERTIFIED PARAMETER LIST-Revised

Summit Environmental Technologies, Inc.
3310 Win Street
Cuyahoga Falls, OH 44223

Opal Davis Johnson
Certificate # 339
EPA ID # OH00923

ANALYTE	METHOD	STATUS
Cadmium	EPA 200.7, Rev. 4.4.	Certified
Cadmium	EPA 200.8, Rev. 5.4	Certified
Carbofuran	EPA 531.2, Rev. 1.0	Certified
Carbon Tetrachloride	EPA 524.2, Rev. 4.1	Certified
Chlordane	EPA 508, Rev. 3.1	Certified
Chlorite	EPA 300.1, Rev. 1.0	Certified
Chlorobenzene	EPA 524.2, Rev. 4.1	Certified
Chlorodibromomethane	EPA 524.2, Rev. 4.1	Certified
Chloroform	EPA 524.2, Rev. 4.1	Certified
Chromium	EPA 200.7, Rev. 4.4.	Certified
Chromium	EPA 200.8, Rev. 5.4	Certified
cis-1,2-Dichloroethene	EPA 524.2, Rev. 4.1	Certified
Copper	EPA 200.7, Rev. 4.4.	Certified
Copper	EPA 200.8, Rev. 5.4	Certified
Cyanide	SM 4500CN-E, 21 st ed.	Certified
Dalapon	EPA 515.1, Rev. 4.0	Certified
Di(2-ethylhexyl)adipate	EPA 525.2, Rev. 2.0	Certified
Di(2-ethylhexyl)phthalate	EPA 525.2, Rev. 2.0	Certified
Dibromoacetic Acid	EPA 552.2, Rev. 2.0	Certified
Dibromochloropropane (DBCP)	EPA 504.1, Rev. 1.1	Certified
Dichloroacetic Acid	EPA 552.2, Rev. 1.0	Certified
Dichloromethane	EPA 524.2, Rev. 4.1	Certified
Dinoseb	EPA 515.1, Rev. 4.0	Certified
Diquat	EPA 549.2, Rev. 1.0	Certified
Endothall	EPA 548.1, Rev. 1.0	Certified
Endrin	EPA 508, Rev. 3.1	Certified



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SDWA ANNUAL CERTIFIED PARAMETER LIST-Revised

Summit Environmental Technologies, Inc.
3310 Win Street
Cuyahoga Falls, OH 44223

Opal Davis Johnson
Certificate # 339
EPA ID # OH00923

ANALYTE	METHOD	STATUS
Ethylbenzene	EPA 524.2, Rev. 4.1	Certified
Ethylene Dibromide (EDB)	EPA 504.1, Rev. 1.1	Certified
Fluoride	EPA 300.0, Rev. 2.1	Certified
Glyphosate	EPA 547, July 1990	Certified
Gross Alpha	EPA 900.0, August 1980	Certified
Gross Alpha	SM 7110 C, 21st ed.	Certified
Gross Beta	EPA 900.0, August 1980	Certified
Heptachlor	EPA 508, Rev. 3.1	Certified
Heptachlor Epoxide	EPA 508, Rev. 3.1	Certified
Hexachlorobenzene	EPA 525.2, Rev. 2.0	Certified
Hexachlorocyclopentadiene	EPA 525.2, Rev. 2.0	Certified
Lead	EPA 200.8, Rev. 5.4	Certified
Lindane	EPA 508, Rev. 3.1	Certified
Mercury	EPA 245.1, Rev. 3.0	Certified
Methoxychlor	EPA 508, Rev. 3.1	Certified
Methoxychlor	EPA 525.2, Rev. 2.0	Certified
Monobromoacetic Acid	EPA 552.2, Rev. 1.0	Certified
Monochloroacetic Acid	EPA 552.2, Rev. 1.0	Certified
Nitrate	EPA 300.0, Rev. 2.1	Certified
Nitrite	EPA 300.0, Rev. 2.1	Certified
Oxamyl (Vydate)	EPA 531.2, Rev. 1.0	Certified
PCBs	EPA 508, Rev. 3.1	Certified
Pentachlorophenol	EPA 515.1, Rev. 4.0	Certified
Pentachlorophenol	EPA 525.2, Rev. 2.0	Certified
Picloram	EPA 515.1, Rev. 4.0	Certified
Radium 226	EPA 903.0, August 1980	Certified



Issued Date: August 1, 2014
Expiration Date: March 31, 2015

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SDWA ANNUAL CERTIFIED PARAMETER LIST-Revised

Summit Environmental Technologies, Inc.
3310 Win Street
Cuyahoga Falls, OH 44223

Opal Davis Johnson
Certificate # 339
EPA ID # OH00923

ANALYTE	METHOD	STATUS
Radium 226	EPA 903.1, August 1980	Certified
Radium 228	EPA 904.0, August 1980	Certified
Selenium	EPA 200.8, Rev. 5.4	Certified
Simazine	EPA 525.2, Rev. 2.0	Certified
Styrene	EPA 524.2, Rev. 4.1	Certified
Tetrachloroethylene	EPA 524.2, Rev. 4.1	Certified
Thallium	EPA 200.8, Rev. 5.4	Certified
Toluene	EPA 524.2, Rev. 4.1	Certified
Total Trihalomethanes	EPA 524.2, Rev. 4.1	Certified
Toxaphene	EPA 508, Rev. 3.1	Certified
trans-1,2-Dichloroethene	EPA 524.2, Rev. 4.1	Certified
Trichloroacetic Acid	EPA 552.2, Rev. 1.0	Certified
Trichloroethylene	EPA 524.2, Rev. 4.1	Certified
Uranium	EPA 200.8, Rev. 5.4	Certified
Uranium	EPA 908.0, August 1980	Certified
Vinyl Chloride	EPA 524.2, Rev. 4.1	Certified
(total) Xylenes	EPA 524.2, Rev. 4.1	Certified

Certificate No.: 3101

**Annual Certified Parameter List
Effective July 2014 through June 2015**

Laboratory ID Number 00215

Capabilities assessed as 'CERTIFIED':

<u>ANALYTE</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>METHOD</u>
LEAD	EPA 200.9 REV 2.2		
HETEROTROPHIC PLATE COUNT	SIMPLATE		
TURBIDITY	SM 2130 B-2011		
ALKALINITY AS CaCO ₃	SM 2320 B-2011		
CONDUCTIVITY	SM 2510 B-2011		
RESIDUE-FILTERABLE (TDS)	SM 2540 C-2011		
CALCIUM	SM 3111 B-2011		
COPPER	SM 3111 B-2011		
IRON	SM 3111 B-2011		
MAGNESIUM	SM 3111 B-2011		
MANGANESE	SM 3111 B-2011		
SILVER	SM 3111 B-2011		
SODIUM	SM 3111 B-2011		
ZINC	SM 3111 B-2011		
NITRITE AS N	SM 4500-NO ₂ ⁻ B-2011		
DISSOLVED ORGANIC CARBON (DOC)	SM 5310 D-2011		
TOTAL ORGANIC CARBON	SM 5310 D-2011		
UV 254	SM 5910 B-2011		
ESCHERICHIA COLI	SM 9223 COLILERT P/A		
TOTAL COLIFORMS	SM 9223 COLILERT P/A		

Capabilities assessed as 'CERTIFIED (INTERIM)':

<u>ANALYTE</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>METHOD</u>
NITRATE AS N	HACH 10206		
FLUORIDE	HACH 10225		

Summit Environmental Technologies, Inc.
3310 Win Street
Cuyahoga Falls, OH 44223

Commonwealth of Virginia
Department of General Services
Division of Consolidated Laboratory Services

Certificate No.: 3004

**Annual Certified Parameter List
Effective July 2014 through June 2015**

Laboratory ID Number 00440

TOTAL TRIHALOMETHANES	EPA 524.2 REV 4.1
TRANS-1,2-DICHLOROETHENE	EPA 524.2 REV 4.1
TRICHLOROETHENE (TRICHLOROETHYLENE)	EPA 524.2 REV 4.1
VINYL CHLORIDE	EPA 524.2 REV 4.1
XYLENE (TOTAL)	EPA 524.2 REV 4.1
ALACHLOR	EPA 525.2 REV 2
ATRAZINE	EPA 525.2 REV 2
BENZO(A)PYRENE	EPA 525.2 REV 2
BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	EPA 525.2 REV 2
BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	EPA 525.2 REV 2
HEXACHLOROBENZENE	EPA 525.2 REV 2
HEXACHLOROCYCLOPENTADIENE	EPA 525.2 REV 2
CARBOFURAN (FURADEN)	EPA 531.2 REV 1
OXAMYL	EPA 531.2 REV 1
DIQUAT	EPA 549.2 REV 1
BROMOACETIC ACID	EPA 552.2 REV 1
CHLOROACETIC ACID	EPA 552.2 REV 1
DIBROMOACETIC ACID	EPA 552.2 REV 1
DICHLOROACETIC ACID	EPA 552.2 REV 1
TRICHLOROACETIC ACID	EPA 552.2 REV 1
GROSS ALPHA	EPA 900.0
GROSS BETA	EPA 900.0
RADIUM-226	EPA 903.0
RADIUM-228	EPA 904.0
URANIUM	EPA 908.0
TURBIDITY	SM 2130 B-2001
ALKALINITY AS CaCO3	SM 2320 B-1997
RESIDUE-FILTERABLE (TDS)	SM 2540 C-1997
TOTAL ORGANIC CARBON	SM 5310 B-2000

Summit Environmental Technologies, Inc.
 3310 Win Street
 Cuyahoga Falls, OH 44223

Commonwealth of Virginia
 Department of General Services
 Division of Consolidated Laboratory Services

Certificate No.: 3004

Annual Certified Parameter List
Effective July 2014 through June 2015

Laboratory ID Number 00440

Fields of Certifications assessed as CERTIFIED

<u>ANALYTE</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>METHOD</u>
2,3,7,8-TETRACHLORODIBENZO- P-DIOXIN (2,3,7,8-TCDD)	EPA 1613	BROMATE	EPA 300.1
ALUMINIUM	EPA 200.7 REV 4.4	BROMIDE	EPA 300.1
BARIUM	EPA 200.7 REV 4.4	CHLORITE	EPA 300.1
BERYLLIUM	EPA 200.7 REV 4.4	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	EPA 504.1 REV 1.1
CADMIUM	EPA 200.7 REV 4.4	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	EPA 504.1 REV 1.1
CALCIUM	EPA 200.7 REV 4.4	CHLORDANE (TECH.)	EPA 508 REV 3.1
CHROMIUM	EPA 200.7 REV 4.4	ENDRIN	EPA 508 REV 3.1
COPPER	EPA 200.7 REV 4.4	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	EPA 508 REV 3.1
IRON	EPA 200.7 REV 4.4	HEPTACHLOR	EPA 508 REV 3.1
MANGANESE	EPA 200.7 REV 4.4	HEPTACHLOR EPOXIDE	EPA 508 REV 3.1
NICKEL	EPA 200.7 REV 4.4	METHOXYCHLOR	EPA 508 REV 3.1
SILVER	EPA 200.7 REV 4.4	PCBS, AS CONGENERS	EPA 508 REV 3.1
SODIUM	EPA 200.7 REV 4.4	TOXAPHENE (CHLORINATED CAMPHENE)	EPA 508 REV 3.1
ZINC	EPA 200.7 REV 4.4	2,4-D	EPA 515.1 REV 4
ALUMINIUM	EPA 200.8 REV 5.4	DALAPON	EPA 515.1 REV 4
ANTIMONY	EPA 200.8 REV 5.4	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOI DNBP)	EPA 515.1 REV 4
ARSENIC	EPA 200.8 REV 5.4	PENTACHLOROPHENOL	EPA 515.1 REV 4
BARIUM	EPA 200.8 REV 5.4	PICLORAM	EPA 515.1 REV 4
BERYLLIUM	EPA 200.8 REV 5.4	SILVEX (2,4,5-TP)	EPA 515.1 REV 4
CADMIUM	EPA 200.8 REV 5.4	1,1,1-TRICHLOROETHANE	EPA 524.2 REV 4.1
CHROMIUM	EPA 200.8 REV 5.4	1,1,2-TRICHLOROETHANE	EPA 524.2 REV 4.1
COPPER	EPA 200.8 REV 5.4	1,1-DICHLOROETHYLENE	EPA 524.2 REV 4.1
LEAD	EPA 200.8 REV 5.4	1,2,4-TRICHLOROENZENE	EPA 524.2 REV 4.1
MANGANESE	EPA 200.8 REV 5.4	1,2-DICHLOROENZENE	EPA 524.2 REV 4.1
NICKEL	EPA 200.8 REV 5.4	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	EPA 524.2 REV 4.1
SELENIUM	EPA 200.8 REV 5.4	1,2-DICHLOROPROPANE	EPA 524.2 REV 4.1
SILVER	EPA 200.8 REV 5.4	1,4-DICHLOROENZENE	EPA 524.2 REV 4.1
THALLIUM	EPA 200.8 REV 5.4	BENZENE	EPA 524.2 REV 4.1
URANIUM	EPA 200.8 REV 5.4	BROMODICHLOROMETHANE	EPA 524.2 REV 4.1
ZINC	EPA 200.8 REV 5.4	BROMOFORM	EPA 524.2 REV 4.1
ANTIMONY	EPA 200.9 REV 2.2	CARBON TETRACHLORIDE	EPA 524.2 REV 4.1
LEAD	EPA 200.9 REV 2.2	CHLOROENZENE	EPA 524.2 REV 4.1
SELENIUM	EPA 200.9 REV 2.2	CHLORODIBROMOMETHANE	EPA 524.2 REV 4.1
THALLIUM	EPA 200.9 REV 2.2	CHLOROFORM	EPA 524.2 REV 4.1
MERCURY	EPA 245.1 REV 3	CIS-1,2-DICHLOROETHYLENE	EPA 524.2 REV 4.1
BROMIDE	EPA 300.0 REV 2.1	ETHYLBENZENE	EPA 524.2 REV 4.1
CHLORIDE	EPA 300.0 REV 2.1	METHYLENE CHLORIDE (DICHLOROMETHAN	EPA 524.2 REV 4.1
FLUORIDE	EPA 300.0 REV 2.1	STYRENE	EPA 524.2 REV 4.1
NITRATE AS N	EPA 300.0 REV 2.1	TETRACHLOROETHENE (PERCHLOROETHEI	EPA 524.2 REV 4.1
NITRITE AS N	EPA 300.0 REV 2.1	TOLUENE	EPA 524.2 REV 4.1
ORTHOPHOSPHATE AS P	EPA 300.0 REV 2.1		
SULFATE	EPA 300.0 REV 2.1		



**DEPARTMENT OF THE ENVIRONMENT
WATER SUPPLY PROGRAM**

Certifies That

PHASE SEPARATION SCIENCE, INC.
6630 Baltimore National Pike, Baltimore, MD 21228

*Having duly met the requirements of the
Regulations Governing Laboratory Certification
And Standards of Performance In Accordance With
The Annotated Code of Maryland,
is hereby approved as a*


State Certified Water Quality Laboratory

*To perform the analyses indicated on the Annual Certified Parameter List,
which must accompany this certificate.*

Certification # 179

Date Issued October 29, 2013

Expiration Date December 31, 2014
(Not Transferable)


Administrator, Water Supply Program

This certification is subject to unannounced laboratory inspections

CONSPICUOUSLY DISPLAY IN THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST.

MDE00972



MARYLAND DEPARTMENT OF THE ENVIRONMENT

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Martin O'Malley
Governor

Robert M. Summers, Ph.D.
Secretary

Anthony G. Brown
Lieutenant Governor

SDWA ANNUAL CERTIFIED PARAMETER LIST

Phase Separation Science, Inc.
6630 Baltimore National Pike
Baltimore, MD 21228

John Richardson
Certificate # 179
EPA ID # MD00074

ANALYTE	METHOD	STATUS
1,1,1-Trichloroethane	EPA 524.2, Rev. 4.1	Certified
1,1,2-Trichloroethane	EPA 524.2, Rev. 4.1	Certified
1,1-Dichloroethylene	EPA 524.2, Rev. 4.1	Certified
1,2,4-Trichlorobenzene	EPA 524.2, Rev. 4.1	Certified
1,2-Dichlorobenzene	EPA 524.2, Rev. 4.1	Certified
1,2-Dichloroethane	EPA 524.2, Rev. 4.1	Certified
1,2-Dichloropropane	EPA 524.2, Rev. 4.1	Certified
1,4-Dichlorobenzene	EPA 524.2, Rev. 4.1	Certified
Antimony	EPA 200.8, Rev. 5.4	Certified
Arsenic	EPA 200.8, Rev. 5.4	Certified
Barium	EPA 200.8, Rev. 5.4	Certified
Benzene	EPA 524.2, Rev. 4.1	Certified
Beryllium	EPA 200.8, Rev. 5.4	Certified
Bromodichloromethane	EPA 524.2, Rev. 4.1	Certified
Bromoform	EPA 524.2, Rev. 4.1	Certified
Cadmium	EPA 200.8, Rev. 5.4	Certified
Carbon Tetrachloride	EPA 524.2, Rev. 4.1	Certified
Chlorobenzene	EPA 524.2, Rev. 4.1	Certified
Chlorodibromomethane	EPA 524.2, Rev. 4.1	Certified
Chloroform	EPA 524.2, Rev. 4.1	Certified
Chromium	EPA 200.8, Rev. 5.4	Certified
cis-1,2-Dichloroethene	EPA 524.2, Rev. 4.1	Certified
Copper	EPA 200.8, Rev. 5.4	Certified



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SDWA ANNUAL CERTIFIED PARAMETER LIST

Phase Separation Science, Inc.
6630 Baltimore National Pike
Baltimore, MD 21228

John Richardson
Certificate # 179
EPA ID # MD00074

ANALYTE	METHOD	STATUS
Cyanide	SM 4500 CN ⁻ C, E, 18 th ed.	Certified
Dichloromethane	EPA 524.2, Rev. 4.1	Certified
Ethylbenzene	EPA 524.2, Rev. 4.1	Certified
Fluoride	EPA 300.0, Rev. 2.1	Certified
Lead	EPA 200.8, Rev. 5.4	Certified
Mercury	EPA 200.8, Rev. 5.4	Certified
Nitrate	EPA 300.0, Rev. 2.1	Certified
Nitrite	EPA 300.0, Rev. 2.1	Certified
Selenium	EPA 200.8, Rev. 5.4	Certified
Styrene	EPA 524.2, Rev. 4.1	Certified
Tetrachloroethylene	EPA 524.2, Rev. 4.1	Certified
Thallium	EPA 200.8, Rev. 5.4	Certified
Toluene	EPA 524.2, Rev. 4.1	Certified
Total Trihalomethanes	EPA 524.2, Rev. 4.1	Certified
trans-1,2-Dichloroethene	EPA 524.2, Rev. 4.1	Certified
Trichloroethylene	EPA 524.2, Rev. 4.1	Certified
Vinyl Chloride	EPA 524.2, Rev. 4.1	Certified
(total) Xylenes	EPA 524.2, Rev. 4.1	Certified



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF CONSOLIDATED LABORATORY SERVICES**



Certifies that

**VA Laboratory ID#: 460156
PHASE SEPARATION SCIENCE, INC
6630 BALTIMORE NATIONAL PIKE
BALTIMORE, MD 21228**

Owner: PHASE SEPARATION SCIENCE, INC.

Responsible Official: JOHN G. RICHARDSON

Having met the requirements of 1 VAC 30-46
and the National Environmental Laboratory Accreditation Conference 2003 Standard
is hereby approved as an
Accredited Laboratory

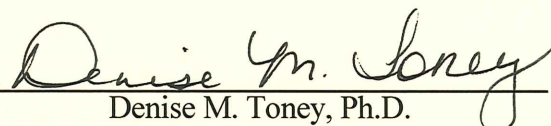
As more fully described in the attached Scope of Accreditation

Effective Date: June 15, 2014

Expiration Date: June 14, 2015

Certificate # 2919

Continued accreditation status depends on successful ongoing participation in the program.
Certificate to be conspicuously displayed at the laboratory.
Not valid unless accompanied by a valid Virginia Environmental Laboratory Accreditation Program (VELAP)
Scope of Accreditation.
Customers are urged to verify the laboratory's current accreditation status.


Denise M. Toney, Ph.D.
DGS Deputy Director for Laboratories, Acting



Commonwealth of Virginia
 Department of General Services
 Division of Consolidated Laboratory Services



Scope of Accreditation

VELAP Certificate No.: 2919

PHASE SEPARATION SCIENCE, INC
 6630 BALTIMORE NATIONAL PIKE
 BALTIMORE, MD 21228

Virginia Laboratory ID: 460156
 Effective Date: June 15, 2014
 Expiration Date: June 14, 2015

DRINKING WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 180.1 REV 2	TURBIDITY	PA
EPA 200.8 REV 5.4	ANTIMONY	PA
EPA 200.8 REV 5.4	BARIIUM	PA
EPA 200.8 REV 5.4	CADMIUM	PA
EPA 200.8 REV 5.4	COPPER	PA
EPA 200.8 REV 5.4	MANGANESE	PA
EPA 200.8 REV 5.4	NICKEL	PA
EPA 200.8 REV 5.4	SILVER	PA
EPA 200.8 REV 5.4	ZINC	PA
EPA 300.0 REV 2.1	FLUORIDE	PA
EPA 300.0 REV 2.1	NITRITE AS N	PA
EPA 524.2 REV 4.1	1,1,1-TRICHLOROETHANE	PA
EPA 524.2 REV 4.1	1,1-DICHLOROETHYLENE	PA
EPA 524.2 REV 4.1	1,2-DICHLOROBENZENE	PA
EPA 524.2 REV 4.1	1,2-DICHLOROPROPANE	PA
EPA 524.2 REV 4.1	BENZENE	PA
EPA 524.2 REV 4.1	BROMOFORM	PA
EPA 524.2 REV 4.1	CHLOROBENZENE	PA
EPA 524.2 REV 4.1	CHLOROFORM	PA
EPA 524.2 REV 4.1	ETHYLBENZENE	PA
EPA 524.2 REV 4.1	STYRENE	PA
EPA 524.2 REV 4.1	TOLUENE	PA
EPA 524.2 REV 4.1	TRICHLOROETHENE (TRICHLOROETHYLENE)	PA
EPA 524.2 REV 4.1	XYLENE (TOTAL)	PA
SM 4500-CL G-2000	RESIDUAL FREE CHLORINE	PA
SM 4500-CN ⁻ E-1990	CYANIDE	PA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 200.8 REV 5.4	ALUMINUM	PA
EPA 200.8 REV 5.4	ARSENIC	PA
EPA 200.8 REV 5.4	BERYLLIUM	PA
EPA 200.8 REV 5.4	CHROMIUM	PA
EPA 200.8 REV 5.4	LEAD	PA
EPA 200.8 REV 5.4	MERCURY	PA
EPA 200.8 REV 5.4	SELENIUM	PA
EPA 200.8 REV 5.4	THALLIUM	PA
EPA 300.0 REV 2.1	CHLORIDE	PA
EPA 300.0 REV 2.1	NITRATE AS N	PA
EPA 300.0 REV 2.1	SULFATE	PA
EPA 524.2 REV 4.1	1,1,2-TRICHLOROETHANE	PA
EPA 524.2 REV 4.1	1,2,4-TRICHLOROBENZENE	PA
EPA 524.2 REV 4.1	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	PA
EPA 524.2 REV 4.1	1,4-DICHLOROBENZENE	PA
EPA 524.2 REV 4.1	BROMODICHLOROMETHANE	PA
EPA 524.2 REV 4.1	CARBON TETRACHLORIDE	PA
EPA 524.2 REV 4.1	CHLORODIBROMOMETHANE	PA
EPA 524.2 REV 4.1	CIS-1,2-DICHLOROETHYLENE	PA
EPA 524.2 REV 4.1	METHYLENE CHLORIDE (DICHLOROMETHANE)	PA
EPA 524.2 REV 4.1	TETRACHLOROETHENE (PERCHLOROETHENE)	PA
EPA 524.2 REV 4.1	TRANS-1,2-DICHLOROETHENE	PA
EPA 524.2 REV 4.1	VINYL CHLORIDE	PA
SM 2540 C-1991	RESIDUE-FILTERABLE (TDS)	PA
SM 4500-CL G-2000	TOTAL RESIDUAL CHLORINE	PA
SM 4500-H+ B-1990	PH	PA

NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1020	FLASHPOINT	PA
EPA 1312	PREP: SYNTHETIC PRECIPITATION LEACHING PROCEDURE	PA
EPA 1664 A	TOTAL PETROLEUM HYDROCARBONS (TPH) (AS NONPOLAR MATERIAL, SGT-HEM)	PA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1311	PREP: TOXICITY CHARACTERISTIC LEACHING PROCEDURE	PA
EPA 1664 A	OIL AND GREASE (AS HEM)	PA
EPA 180.1 REV 2	TURBIDITY	PA

This Scope of Accreditation must accompany the Certificate issued by Virginia DCLS with the same Certificate Number indicated above.



Commonwealth of Virginia
 Department of General Services
 Division of Consolidated Laboratory Services



Scope of Accreditation

VELAP Certificate No.: 2919

PHASE SEPARATION SCIENCE, INC
 6630 BALTIMORE NATIONAL PIKE
 BALTIMORE, MD 21228

Virginia Laboratory ID: 460156
 Effective Date: June 15, 2014
 Expiration Date: June 14, 2015

NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 200.8 REV 5.4	ALUMINUM	PA	EPA 200.8 REV 5.4	ANTIMONY	PA
EPA 200.8 REV 5.4	ARSENIC	PA	EPA 200.8 REV 5.4	BARIUM	PA
EPA 200.8 REV 5.4	BERYLLIUM	PA	EPA 200.8 REV 5.4	CADMIUM	PA
EPA 200.8 REV 5.4	CHROMIUM	PA	EPA 200.8 REV 5.4	COBALT	PA
EPA 200.8 REV 5.4	COPPER	PA	EPA 200.8 REV 5.4	LEAD	PA
EPA 200.8 REV 5.4	MANGANESE	PA	EPA 200.8 REV 5.4	MOLYBDENUM	PA
EPA 200.8 REV 5.4	NICKEL	PA	EPA 200.8 REV 5.4	SELENIUM	PA
EPA 200.8 REV 5.4	SILVER	PA	EPA 200.8 REV 5.4	THALLIUM	PA
EPA 200.8 REV 5.4	VANADIUM	PA	EPA 200.8 REV 5.4	ZINC	PA
EPA 300.0 REV 2.1	CHLORIDE	PA	EPA 300.0 REV 2.1	FLUORIDE	PA
EPA 300.0 REV 2.1	NITRATE AS N	PA	EPA 300.0 REV 2.1	NITRITE AS N	PA
EPA 300.0 REV 2.1	SULFATE	PA	EPA 3005 A	PREP: ACID DIGESTION OF WATERS FOR TOTAL RECOVERABLE OR DISSOLVED METALS	PA
EPA 3010 A	PREP: ACID DIGESTION OF AQUEOUS SAMPLES AND EXTRACTS FOR TOTAL METALS	PA	EPA 3060 A	PREP: HEXAVALENT CHROMIUM	PA
EPA 3510 C	PREP: LIQUID-LIQUID EXTRACTION	PA	EPA 3620 C	PREP: FLORISIL CLEANUP	PA
EPA 3660 B	PREP: SULFUR CLEANUP	PA	EPA 3665 A	SULFURIC ACID/PERMANGANATE CLEAN-UP	PA
EPA 5030	PREP: PURGE AND TRAP FOR AQUEOUS SAMPLES	PA	EPA 6020 A	ALUMINUM	PA
EPA 6020 A	ANTIMONY	PA	EPA 6020 A	ARSENIC	PA
EPA 6020 A	BARIUM	PA	EPA 6020 A	BERYLLIUM	PA
EPA 6020 A	CADMIUM	PA	EPA 6020 A	CALCIUM	PA
EPA 6020 A	CHROMIUM	PA	EPA 6020 A	COBALT	PA
EPA 6020 A	COPPER	PA	EPA 6020 A	IRON	PA
EPA 6020 A	LEAD	PA	EPA 6020 A	MAGNESIUM	PA
EPA 6020 A	MANGANESE	PA	EPA 6020 A	MERCURY	PA
EPA 6020 A	NICKEL	PA	EPA 6020 A	POTASSIUM	PA
EPA 6020 A	SELENIUM	PA	EPA 6020 A	SILVER	PA
EPA 6020 A	SODIUM	PA	EPA 6020 A	THALLIUM	PA
EPA 6020 A	VANADIUM	PA	EPA 6020 A	ZINC	PA
EPA 6020 A - EXTENDED	BORON	PA	EPA 6020 A - EXTENDED	LITHIUM	PA
EPA 6020 A - EXTENDED	MOLYBDENUM	PA	EPA 6020 A - EXTENDED	TIN	PA
EPA 6020 A - EXTENDED	TITANIUM	PA	EPA 608	4,4'-DDD	PA
EPA 608	4,4'-DDE	PA	EPA 608	4,4'-DDT	PA
EPA 608	ALDRIN	PA			

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NON-POTABLE WATER

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EPA 608	ALPHA-BHC (ALPHA-HEXACHLOROCYCLOHEXANE)	PA	EPA 608	AROCLOR-1016 (PCB-1016)	PA
EPA 608	AROCLOR-1221 (PCB-1221)	PA	EPA 608	AROCLOR-1232 (PCB-1232)	PA
EPA 608	AROCLOR-1242 (PCB-1242)	PA	EPA 608	AROCLOR-1248 (PCB-1248)	PA
EPA 608	AROCLOR-1254 (PCB-1254)	PA	EPA 608	AROCLOR-1260 (PCB-1260)	PA
EPA 608	BETA-BHC (BETA-HEXACHLOROCYCLOHEXANE)	PA	EPA 608	CHLORDANE (TECH.)	PA
EPA 608	DELTA-BHC	PA	EPA 608	DIELDRIN	PA
EPA 608	ENDOSULFAN I	PA	EPA 608	ENDOSULFAN II	PA
EPA 608	ENDOSULFAN SULFATE	PA	EPA 608	ENDRIN	PA
EPA 608	ENDRIN ALDEHYDE	PA	EPA 608	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	PA
EPA 608	HEPTACHLOR	PA	EPA 608	HEPTACHLOR EPOXIDE	PA
EPA 608	TOXAPHENE (CHLORINATED CAMPHENE)	PA	EPA 624	1,1,1-TRICHLOROETHANE	PA
EPA 624	1,1,2,2-TETRACHLOROETHANE	PA	EPA 624	1,1,2-TRICHLOROETHANE	PA
EPA 624	1,1-DICHLOROETHANE	PA	EPA 624	1,2-DICHLOROBENZENE	PA
EPA 624	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	PA	EPA 624	1,2-DICHLOROPROPANE	PA
EPA 624	1,3-DICHLOROBENZENE	PA	EPA 624	1,4-DICHLOROBENZENE	PA
EPA 624	2-CHLOROETHYL VINYL ETHER	PA	EPA 624	ACROLEIN (PROPENAL)	PA
EPA 624	ACRYLONITRILE	PA	EPA 624	BENZENE	PA
EPA 624	BROMODICHLOROMETHANE	PA	EPA 624	BROMOFORM	PA
EPA 624	CARBON TETRACHLORIDE	PA	EPA 624	CHLOROETHANE (ETHYL CHLORIDE)	PA
EPA 624	CHLORODIBROMOMETHANE	PA	EPA 624	CHLOROETHANE (ETHYL CHLORIDE)	PA
EPA 624	CHLOROFORM	PA	EPA 624	CIS-1,3-DICHLOROPROPENE	PA
EPA 624	ETHYLBENZENE	PA	EPA 624	METHYL BROMIDE (BROMOMETHANE)	PA
EPA 624	METHYL CHLORIDE (CHLOROMETHANE)	PA	EPA 624	METHYLENE CHLORIDE (DICHLOROMETHANE)	PA
EPA 624	TETRACHLOROETHENE (PERCHLOROETHENE)	PA	EPA 624	TOLUENE	PA
EPA 624	TRANS-1,2-DICHLOROETHENE	PA	EPA 624	TRANS-1,3-DICHLOROPROPENE	PA
EPA 624	TRICHLOROETHENE (TRICHLOROETHYLENE)	PA	EPA 624	TRICHLOROFUOROMETHANE (FLUOROTRICHLOROMETHANE, FREON 11)	PA
EPA 624	VINYL CHLORIDE	PA	EPA 624 - EXTENDED	1,1-DICHLOROETHYLENE	PA
EPA 624 - EXTENDED	XYLENE (TOTAL)	PA	EPA 625	2,4,6-TRICHLOROPHENOL	PA
EPA 625	2,4-DICHLOROPHENOL	PA	EPA 625	2,4-DIMETHYLPHENOL	PA
EPA 625	2,4-DINITROPHENOL	PA	EPA 625	2,4-DINITROTOLUENE (2,4-DNT)	PA
EPA 625	2,6-DINITROTOLUENE (2,6-DNT)	PA	EPA 625	2-CHLORONAPHTHALENE	PA

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Commonwealth of Virginia
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Scope of Accreditation

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PHASE SEPARATION SCIENCE, INC
 6630 BALTIMORE NATIONAL PIKE
 BALTIMORE, MD 21228

Virginia Laboratory ID: 460156
 Effective Date: June 15, 2014
 Expiration Date: June 14, 2015

NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 625	2-CHLOROPHENOL	PA	EPA 625	2-METHYL-4,6-DINITROPHENOL (4,6-DINITRO-2-METHYLPHENOL)	PA
EPA 625	2-NITROPHENOL	PA	EPA 625	3,3'-DICHLOROBENZIDINE	PA
EPA 625	4-BROMOPHENYL PHENYL ETHER	PA	EPA 625	4-CHLORO-3-METHYLPHENOL	PA
EPA 625	4-CHLOROPHENYL PHENYLETHER	PA	EPA 625	4-NITROPHENOL	PA
EPA 625	ACENAPHTHENE	PA	EPA 625	ACENAPHTHYLENE	PA
EPA 625	ANTHRACENE	PA	EPA 625	BENZO(A)ANTHRACENE	PA
EPA 625	BENZO(A)PYRENE	PA	EPA 625	BENZO(G,H,I)PERYLENE	PA
EPA 625	BENZO(K)FLUORANTHENE	PA	EPA 625	BENZO(B)FLUORANTHENE	PA
EPA 625	BIS(2-CHLOROETHOXY)METHANE	PA	EPA 625	BIS(2-CHLOROETHYL) ETHER	PA
EPA 625	BIS(2-CHLOROISOPROPYL) ETHER	PA	EPA 625	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	PA
EPA 625	BUTYL BENZYL PHTHALATE	PA	EPA 625	CHRYSENE	PA
EPA 625	DI-N-BUTYL PHTHALATE	PA	EPA 625	DI-N-OCTYL PHTHALATE	PA
EPA 625	DIBENZO(A,H) ANTHRACENE	PA	EPA 625	DIETHYL PHTHALATE	PA
EPA 625	DIMETHYL PHTHALATE	PA	EPA 625	FLUORANTHENE	PA
EPA 625	FLUORENE	PA	EPA 625	HEXACHLOROBENZENE	PA
EPA 625	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	PA	EPA 625	HEXACHLOROCYCLOPENTADIEN E	PA
EPA 625	HEXACHLOROETHANE	PA	EPA 625	INDENO(1,2,3-CD) PYRENE	PA
EPA 625	ISOPHORONE	PA	EPA 625	N-NITROSODI-N-PROPYLAMINE	PA
EPA 625	N-NITROSODIMETHYLAMINE	PA	EPA 625	N-NITROSODIPHENYLAMINE	PA
EPA 625	NAPHTHALENE	PA	EPA 625	NITROBENZENE	PA
EPA 625	PENTACHLOROPHENOL	PA	EPA 625	PHENANTHRENE	PA
EPA 625	PHENOL	PA	EPA 625	PYRENE	PA
EPA 7196 A	CHROMIUM VI	PA	EPA 8015 C	DIESEL RANGE ORGANICS (DRO)	PA
EPA 8015 C	GASOLINE RANGE ORGANICS (GRO)	PA	EPA 8021 B	BENZENE	PA
EPA 8021 B	ETHYLBENZENE	PA	EPA 8021 B	M+P-XYLENE	PA
EPA 8021 B	NAPHTHALENE	PA	EPA 8021 B	O-XYLENE	PA
EPA 8021 B	TOLUENE	PA	EPA 8021 B	XYLENE (TOTAL)	PA
EPA 8021 B - EXTENDED	METHYL TERT-BUTYL ETHER (MTBE)	PA	EPA 8081 B	4,4'-DDD	PA
EPA 8081 B	4,4'-DDE	PA	EPA 8081 B	4,4'-DDT	PA
EPA 8081 B	ALDRIN	PA	EPA 8081 B	ALPHA-BHC (ALPHA-HEXACHLOROCYCLOHEX ANE)	PA
EPA 8081 B	ALPHA-CHLORDANE [CIS-CHLORDANE]	PA	EPA 8081 B	BETA-BHC (BETA-HEXACHLOROCYCLOHEXA NE)	PA
EPA 8081 B	CHLORDANE (TECH.)	PA	EPA 8081 B	DELTA-BHC	PA

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 6630 BALTIMORE NATIONAL PIKE
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NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8081 B	DIELDRIN	PA	EPA 8081 B	ENDOSULFAN I	PA
EPA 8081 B	ENDOSULFAN II	PA	EPA 8081 B	ENDOSULFAN SULFATE	PA
EPA 8081 B	ENDRIN	PA	EPA 8081 B	ENDRIN ALDEHYDE	PA
EPA 8081 B	ENDRIN KETONE	PA	EPA 8081 B	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEX ANE)	PA
EPA 8081 B	GAMMA-CHLORDANE [BETA-CHLORDANE, TRANS-CHLORDANE]	PA	EPA 8081 B	HEPTACHLOR	PA
EPA 8081 B	HEPTACHLOR EPOXIDE	PA	EPA 8081 B	METHOXYCHLOR	PA
EPA 8081 B	TOXAPHENE (CHLORINATED CAMPHENE)	PA	EPA 8082 A	AROCLOR-1016 (PCB-1016)	PA
EPA 8082 A	AROCLOR-1221 (PCB-1221)	PA	EPA 8082 A	AROCLOR-1232 (PCB-1232)	PA
EPA 8082 A	AROCLOR-1242 (PCB-1242)	PA	EPA 8082 A	AROCLOR-1248 (PCB-1248)	PA
EPA 8082 A	AROCLOR-1254 (PCB-1254)	PA	EPA 8082 A	AROCLOR-1260 (PCB-1260)	PA
EPA 8151 A	2,4,5-T	PA	EPA 8151 A	2,4-D	PA
EPA 8151 A	2,4-DB	PA	EPA 8151 A	DALAPON	PA
EPA 8151 A	DICAMBA	PA	EPA 8151 A	DICHLOROPROP (DICHLORPROP)	PA
EPA 8151 A	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENO L, DNBP)	PA	EPA 8151 A	MCPA	PA
EPA 8151 A	MCPP	PA	EPA 8151 A	SILVEX (2,4,5-TP)	PA
EPA 8260 B	1,1,1,2-TETRACHLOROETHANE	PA	EPA 8260 B	1,1,1-TRICHLOROETHANE	PA
EPA 8260 B	1,1,2,2-TETRACHLOROETHANE	PA	EPA 8260 B	1,1,2-TRICHLOROETHANE	PA
EPA 8260 B	1,1-DICHLOROETHANE	PA	EPA 8260 B	1,1-DICHLOROETHYLENE	PA
EPA 8260 B	1,1-DICHLOROPROPENE	PA	EPA 8260 B	1,2,3-TRICHLOROBENZENE	PA
EPA 8260 B	1,2,3-TRICHLOROPROPANE	PA	EPA 8260 B	1,2,4-TRICHLOROBENZENE	PA
EPA 8260 B	1,2,4-TRIMETHYLBENZENE	PA	EPA 8260 B	1,2-DIBROMO-3-CHLOROPROPAN E (DBCP)	PA
EPA 8260 B	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	PA	EPA 8260 B	1,2-DICHLOROBENZENE	PA
EPA 8260 B	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	PA	EPA 8260 B	1,2-DICHLOROPROPANE	PA
EPA 8260 B	1,3,5-TRIMETHYLBENZENE	PA	EPA 8260 B	1,3-DICHLOROBENZENE	PA
EPA 8260 B	1,3-DICHLOROPROPANE	PA	EPA 8260 B	1,4-DICHLOROBENZENE	PA
EPA 8260 B	1,4-DIOXANE (1,4- DIETHYLENEOXIDE)	PA	EPA 8260 B	2,2-DICHLOROPROPANE	PA
EPA 8260 B	2-BUTANONE (METHYL ETHYL KETONE, MEK)	PA	EPA 8260 B	2-CHLOROETHYL VINYL ETHER	PA
EPA 8260 B	2-CHLOROTOLUENE	PA	EPA 8260 B	2-HEXANONE	PA
EPA 8260 B	4-CHLOROTOLUENE	PA	EPA 8260 B	4-ISOPROPYLTOLUENE (P-CYMENE)	PA
EPA 8260 B	4-METHYL-2-PENTANONE (MIBK)	PA	EPA 8260 B	ACETONE	PA
EPA 8260 B	ACROLEIN (PROPENAL)	PA	EPA 8260 B	ACRYLONITRILE	PA

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NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 8260 B	BENZENE	PA	EPA 8260 B	BROMOBENZENE	PA
EPA 8260 B	BROMOCHLOROMETHANE	PA	EPA 8260 B	BROMODICHLOROMETHANE	PA
EPA 8260 B	BROMOFORM	PA	EPA 8260 B	CARBON DISULFIDE	PA
EPA 8260 B	CARBON TETRACHLORIDE	PA	EPA 8260 B	CHLOROBENZENE	PA
EPA 8260 B	CHLORODIBROMOMETHANE	PA	EPA 8260 B	CHLOROETHANE (ETHYL CHLORIDE)	PA
EPA 8260 B	CHLOROFORM	PA	EPA 8260 B	CIS-1,2-DICHLOROETHYLENE	PA
EPA 8260 B	CIS-1,3-DICHLOROPROPENE	PA	EPA 8260 B	DIBROMOMETHANE (METHYLENE BROMIDE)	PA
EPA 8260 B	DICHLORODIFLUOROMETHANE (FREON-12)	PA	EPA 8260 B	ETHYLBENZENE	PA
EPA 8260 B	IODOMETHANE (METHYL IODIDE)	PA	EPA 8260 B	ISOPROPYLBENZENE	PA
EPA 8260 B	M+P-XYLENE	PA	EPA 8260 B	METHYL BROMIDE (BROMOMETHANE)	PA
EPA 8260 B	METHYL CHLORIDE (CHLOROMETHANE)	PA	EPA 8260 B	METHYL TERT-BUTYL ETHER (MTBE)	PA
EPA 8260 B	METHYLENE CHLORIDE (DICHLOROMETHANE)	PA	EPA 8260 B	N-BUTYLBENZENE	PA
EPA 8260 B	N-PROPYLBENZENE	PA	EPA 8260 B	NAPHTHALENE	PA
EPA 8260 B	O-XYLENE	PA	EPA 8260 B	SEC-BUTYLBENZENE	PA
EPA 8260 B	STYRENE	PA	EPA 8260 B	TERT-BUTYL ALCOHOL	PA
EPA 8260 B	TERT-BUTYLBENZENE	PA	EPA 8260 B	TETRACHLOROETHENE (PERCHLOROETHENE)	PA
EPA 8260 B	TOLUENE	PA	EPA 8260 B	TRANS-1,2-DICHLOROETHENE	PA
EPA 8260 B	TRANS-1,3-DICHLOROPROPENE	PA	EPA 8260 B	TRANS-1,4-DICHLORO-2-BUTENE	PA
EPA 8260 B	TRICHLOROETHENE (TRICHLOROETHYLENE)	PA	EPA 8260 B	TRICHLOROFLUOROMETHANE (FLUOROTRICHLOROMETHANE, FREON 11)	PA
EPA 8260 B	VINYL ACETATE	PA	EPA 8260 B	VINYL CHLORIDE	PA
EPA 8260 B	XYLENE (TOTAL)	PA	EPA 8260 B - EXTENDED	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	PA
EPA 8260 B - EXTENDED	CYCLOHEXANE	PA	EPA 8260 B - EXTENDED	DI-ISOPROPYLEETHER (DIPE, ISOPROPYL ETHER)	PA
EPA 8260 B - EXTENDED	ETHYL-T-BUTYLEETHER (2-ETHOXY-2-METHYLPROPANE, ETBE)	PA	EPA 8260 B - EXTENDED	T-AMYL ALCOHOL (TAA)	PA
EPA 8260 B - EXTENDED	T-AMYL ETHYL ETHER (TAEE) (4,4-DIMETHYL-3-OXAHEXANE)	PA	EPA 8260 B - EXTENDED	T-AMYLMETHYLEETHER (TAME)	PA
EPA 8260 C	T-AMYLMETHYLEETHER (TAME)	PA	EPA 8270 D	1,2,4,5-TETRACHLORO BENZENE	PA
EPA 8270 D	1,2,4-TRICHLORO BENZENE	PA	EPA 8270 D	1,2-DICHLORO BENZENE	PA
EPA 8270 D	1,2-DIPHENYLHYDRAZINE	PA	EPA 8270 D	1,3-DICHLORO BENZENE	PA
EPA 8270 D	2,3,4,6-TETRACHLOROPHENOL	PA	EPA 8270 D	2,4,5-TRICHLOROPHENOL	PA
EPA 8270 D	2,4,6-TRICHLOROPHENOL	PA	EPA 8270 D	2,4-DICHLOROPHENOL	PA
EPA 8270 D	2,4-DIMETHYLPHENOL	PA	EPA 8270 D	2,4-DINITROPHENOL	PA
EPA 8270 D	2,4-DINITROTOLUENE (2,4-DNT)	PA	EPA 8270 D	2,6-DINITROTOLUENE (2,6-DNT)	PA

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Commonwealth of Virginia
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Scope of Accreditation

VELAP Certificate No.: 2919

PHASE SEPARATION SCIENCE, INC
 6630 BALTIMORE NATIONAL PIKE
 BALTIMORE, MD 21228

Virginia Laboratory ID: 460156
 Effective Date: June 15, 2014
 Expiration Date: June 14, 2015

NON-POTABLE WATER

METHOD	ANALYTE	PRIMARY	METHOD	ANALYTE	PRIMARY
EPA 8270 D	2-CHLORONAPHTHALENE	PA	EPA 8270 D	2-CHLOROPHENOL	PA
EPA 8270 D	2-METHYL-4,6-DINITROPHENOL (4,6-DINITRO-2-METHYLPHENOL)	PA	EPA 8270 D	2-METHYLNAPHTHALENE	PA
EPA 8270 D	2-METHYLPHENOL (O-CRESOL)	PA	EPA 8270 D	2-NITROANILINE	PA
EPA 8270 D	2-NITROPHENOL	PA	EPA 8270 D	3,3'-DICHLOROBENZIDINE	PA
EPA 8270 D	3-NITROANILINE	PA	EPA 8270 D	4-BROMOPHENYL PHENYL ETHER	PA
EPA 8270 D	4-CHLORO-3-METHYLPHENOL	PA	EPA 8270 D	4-CHLOROANILINE	PA
EPA 8270 D	4-CHLOROPHENYL PHENYLEETHER	PA	EPA 8270 D	4-METHYLPHENOL (P-CRESOL)	PA
EPA 8270 D	4-NITROANILINE	PA	EPA 8270 D	4-NITROPHENOL	PA
EPA 8270 D	ACENAPHTHENE	PA	EPA 8270 D	ACENAPHTHYLENE	PA
EPA 8270 D	ACETOPHENONE	PA	EPA 8270 D	ANILINE	PA
EPA 8270 D	ANTHRACENE	PA	EPA 8270 D	BENZIDINE	PA
EPA 8270 D	BENZO(A)ANTHRACENE	PA	EPA 8270 D	BENZO(A)PYRENE	PA
EPA 8270 D	BENZO(G,H,I)PERYLENE	PA	EPA 8270 D	BENZO(K)FLUORANTHENE	PA
EPA 8270 D	BENZO[B]FLUORANTHENE	PA	EPA 8270 D	BIS(2-CHLOROETHOXY)METHANE	PA
EPA 8270 D	BIS(2-CHLOROETHYL) ETHER	PA	EPA 8270 D	BIS(2-CHLOROISOPROPYL) ETHER	PA
EPA 8270 D	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	PA	EPA 8270 D	BUTYL BENZYL PHTHALATE	PA
EPA 8270 D	CHRYSENE	PA	EPA 8270 D	DI-N-BUTYL PHTHALATE	PA
EPA 8270 D	DI-N-OCTYL PHTHALATE	PA	EPA 8270 D	DIBENZO(A,H) ANTHRACENE	PA
EPA 8270 D	DIBENZOFURAN	PA	EPA 8270 D	DIETHYL PHTHALATE	PA
EPA 8270 D	DIMETHYL PHTHALATE	PA	EPA 8270 D	FLUORANTHENE	PA
EPA 8270 D	FLUORENE	PA	EPA 8270 D	HEXACHLOROBENZENE	PA
EPA 8270 D	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	PA	EPA 8270 D	HEXACHLOROCYCLOPENTADIEN E	PA
EPA 8270 D	HEXACHLOROETHANE	PA	EPA 8270 D	INDENO(1,2,3-CD) PYRENE	PA
EPA 8270 D	ISOPHORONE	PA	EPA 8270 D	N-NITROSODI-N-PROPYLAMINE	PA
EPA 8270 D	N-NITROSODIMETHYLAMINE	PA	EPA 8270 D	N-NITROSODIPHENYLAMINE	PA
EPA 8270 D	NAPHTHALENE	PA	EPA 8270 D	NITROBENZENE	PA
EPA 8270 D	PENTACHLOROPHENOL	PA	EPA 8270 D	PHENANTHRENE	PA
EPA 8270 D	PHENOL	PA	EPA 8270 D	PYRENE	PA
EPA 8270 D - EXTENDED	1,1-BIPHENYL	PA	EPA 8270 D - EXTENDED	3+4-METHYL PHENOL (M+P CRESOL)	PA
EPA 8270 D - EXTENDED	ATRAZINE	PA	EPA 8270 D - EXTENDED	BENZALDEHYDE	PA
EPA 8270 D - EXTENDED	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	PA	EPA 8270 D - EXTENDED	CAPROLACTAM	PA
EPA 8270 D - EXTENDED	CARBAZOLE	PA	EPA 8270 D - EXTENDED	N-DECANE	PA

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Virginia Laboratory ID: 460156
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NON-POTABLE WATER

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 8270 D - EXTENDED	N-OCTANE	PA
EPA 9010 C	PREP: CYANIDE DISTILLATION	PA
EPA 9040 C	PH	PA
EPA 9095 B	FREE LIQUID	PA
SM 2540 B-2011	RESIDUE-TOTAL	PA
SM 2540 D-2011	RESIDUE-NONFILTERABLE (TSS)	PA
SM 4500-CN ⁻ C-2011	CYANIDE	PA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 8270 D - EXTENDED	PYRIDINE	PA
EPA 9014	CYANIDE	PA
EPA 9050 A	CONDUCTIVITY	PA
SM 2510 B-2011	CONDUCTIVITY	PA
SM 2540 C-2011	RESIDUE-FILTERABLE (TDS)	PA
SM 2540 F-2011	RESIDUE-SETTLABLE	PA
SM 4500-CN ⁻ E-2011	CYANIDE	PA

SOLID AND CHEMICAL MATERIALS

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1020 B	FLASHPOINT	PA
EPA 1312	PREP: SYNTHETIC PRECIPITATION LEACHING PROCEDURE	PA
EPA 1664 A	TOTAL PETROLEUM HYDROCARBONS (TPH) (AS NONPOLAR MATERIAL, SGT-HEM)	PA
EPA 300.0 REV 2.1	FLUORIDE	PA
EPA 300.0 REV 2.1	NITRITE	PA
EPA 300.0 REV 2.1	SULFATE	PA
EPA 3060 A	PREP: HEXAVALENT CHROMIUM	PA
EPA 3550 C	PREP: ULTRASONIC EXTRACTION	PA
EPA 3620 C	PREP: FLORISIL CLEANUP	PA
EPA 3665 A	SULFURIC ACID/PERMANGANATE CLEAN-UP	PA
EPA 5035 A	PREP: CLOSED-SYSTEM PURGE AND TRAP AND EXTRACTION	PA
EPA 6020 A	ANTIMONY	PA
EPA 6020 A	BARIUM	PA
EPA 6020 A	CADMIUM	PA
EPA 6020 A	CHROMIUM	PA
EPA 6020 A	COPPER	PA
EPA 6020 A	LEAD	PA
EPA 6020 A	MANGANESE	PA
EPA 6020 A	NICKEL	PA
EPA 6020 A	SELENIUM	PA
EPA 6020 A	SODIUM	PA
EPA 6020 A	VANADIUM	PA

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 1311	PREP: TOXICITY CHARACTERISTIC LEACHING PROCEDURE	PA
EPA 1664 A	OIL AND GREASE (AS HEM)	PA
EPA 300.0 REV 2.1	CHLORIDE	PA
EPA 300.0 REV 2.1	NITRATE	PA
EPA 300.0 REV 2.1	ORTHOPHOSPHATE AS P	PA
EPA 3050 B	PREP: ACID DIGESTION OF SEDIMENTS, SLUDGES, AND SOILS	PA
EPA 3540 C	PREP: SOXHLET EXTRACTION	PA
EPA 3580 A	PREP: WASTE DILUTION	PA
EPA 3660 B	PREP: SULFUR CLEANUP	PA
EPA 5035	PREP: CLOSED-SYSTEM PURGE AND TRAP AND EXTRACTION	PA
EPA 6020 A	ALUMINUM	PA
EPA 6020 A	ARSENIC	PA
EPA 6020 A	BERYLLIUM	PA
EPA 6020 A	CALCIUM	PA
EPA 6020 A	COBALT	PA
EPA 6020 A	IRON	PA
EPA 6020 A	MAGNESIUM	PA
EPA 6020 A	MERCURY	PA
EPA 6020 A	POTASSIUM	PA
EPA 6020 A	SILVER	PA
EPA 6020 A	THALLIUM	PA
EPA 6020 A	ZINC	PA

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SOLID AND CHEMICAL MATERIALS

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 6020 A - EXTENDED	BORON	PA	EPA 6020 A - EXTENDED	LITHIUM	PA
EPA 6020 A - EXTENDED	MOLYBDENUM	PA	EPA 6020 A - EXTENDED	TIN	PA
EPA 6020 A - EXTENDED	TITANIUM	PA	EPA 7196 A	CHROMIUM VI	PA
EPA 8015 C	DIESEL RANGE ORGANICS (DRO)	PA	EPA 8015 C	GASOLINE RANGE ORGANICS (GRO)	PA
EPA 8021 B	BENZENE	PA	EPA 8021 B	ETHYLBENZENE	PA
EPA 8021 B	M+P-XYLENE	PA	EPA 8021 B	NAPHTHALENE	PA
EPA 8021 B	O-XYLENE	PA	EPA 8021 B	TOLUENE	PA
EPA 8021 B	XYLENE (TOTAL)	PA	EPA 8021 B - EXTENDED	METHYL TERT-BUTYL ETHER (MTBE)	PA
EPA 8081 B	4,4'-DDD	PA	EPA 8081 B	4,4'-DDE	PA
EPA 8081 B	4,4'-DDT	PA	EPA 8081 B	ALDRIN	PA
EPA 8081 B	ALPHA-BHC (ALPHA-HEXACHLOROCYCLOHEXANE)	PA	EPA 8081 B	ALPHA-CHLORDANE [CIS-CHLORDANE]	PA
EPA 8081 B	BETA-BHC (BETA-HEXACHLOROCYCLOHEXANE)	PA	EPA 8081 B	CHLORDANE (TECH.)	PA
EPA 8081 B	DELTA-BHC	PA	EPA 8081 B	DIELDRIN	PA
EPA 8081 B	ENDOSULFAN I	PA	EPA 8081 B	ENDOSULFAN II	PA
EPA 8081 B	ENDOSULFAN SULFATE	PA	EPA 8081 B	ENDRIN	PA
EPA 8081 B	ENDRIN ALDEHYDE	PA	EPA 8081 B	ENDRIN KETONE	PA
EPA 8081 B	GAMMA-BHC (LINDANE, GAMMA-HEXACHLOROCYCLOHEXANE)	PA	EPA 8081 B	GAMMA-CHLORDANE [BETA-CHLORDANE, TRANS-CHLORDANE]	PA
EPA 8081 B	HEPTACHLOR	PA	EPA 8081 B	HEPTACHLOR EPOXIDE	PA
EPA 8081 B	METHOXYCHLOR	PA	EPA 8081 B	TOXAPHENE (CHLORINATED CAMPHENE)	PA
EPA 8082 A	AROCLOR-1016 (PCB-1016)	PA	EPA 8082 A	AROCLOR-1221 (PCB-1221)	PA
EPA 8082 A	AROCLOR-1232 (PCB-1232)	PA	EPA 8082 A	AROCLOR-1242 (PCB-1242)	PA
EPA 8082 A	AROCLOR-1248 (PCB-1248)	PA	EPA 8082 A	AROCLOR-1254 (PCB-1254)	PA
EPA 8082 A	AROCLOR-1260 (PCB-1260)	PA	EPA 8151 A	2,4,5-T	PA
EPA 8151 A	2,4-D	PA	EPA 8151 A	2,4-DB	PA
EPA 8151 A	DALAPON	PA	EPA 8151 A	DICAMBA	PA
EPA 8151 A	DICHLOROPROP (DICHLOROPROP)	PA	EPA 8151 A	DINOSEB (2-SEC-BUTYL-4,6-DINITROPHENOL, DNBP)	PA
EPA 8151 A	MCPA	PA	EPA 8151 A	MCPP	PA
EPA 8151 A	SILVEX (2,4,5-TP)	PA	EPA 8260 B	1,1,1,2-TETRACHLOROETHANE	PA
EPA 8260 B	1,1,1-TRICHLOROETHANE	PA	EPA 8260 B	1,1,2,2-TETRACHLOROETHANE	PA
EPA 8260 B	1,1,2-TRICHLOROETHANE	PA	EPA 8260 B	1,1-DICHLOROETHANE	PA
EPA 8260 B	1,1-DICHLOROETHYLENE	PA	EPA 8260 B	1,1-DICHLOROPROPENE	PA

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SOLID AND CHEMICAL MATERIALS

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 8260 B	1,2,3-TRICHLOROBENZENE	PA	EPA 8260 B	1,2,3-TRICHLOROPROPANE	PA
EPA 8260 B	1,2,4-TRICHLOROBENZENE	PA	EPA 8260 B	1,2,4-TRIMETHYLBENZENE	PA
EPA 8260 B	1,2-DIBROMO-3-CHLOROPROPAN E (DBCP)	PA	EPA 8260 B	1,2-DIBROMOETHANE (EDB, ETHYLENE DIBROMIDE)	PA
EPA 8260 B	1,2-DICHLOROBENZENE	PA	EPA 8260 B	1,2-DICHLOROETHANE (ETHYLENE DICHLORIDE)	PA
EPA 8260 B	1,2-DICHLOROPROPANE	PA	EPA 8260 B	1,3,5-TRIMETHYLBENZENE	PA
EPA 8260 B	1,3-DICHLOROBENZENE	PA	EPA 8260 B	1,3-DICHLOROPROPANE	PA
EPA 8260 B	1,4-DICHLOROBENZENE	PA	EPA 8260 B	1,4-DIOXANE (1,4-DIETHYLENEOXIDE)	PA
EPA 8260 B	2,2-DICHLOROPROPANE	PA	EPA 8260 B	2-BUTANONE (METHYL ETHYL KETONE, MEK)	PA
EPA 8260 B	2-CHLOROETHYL VINYL ETHER	PA	EPA 8260 B	2-CHLOROTOLUENE	PA
EPA 8260 B	2-HEXANONE	PA	EPA 8260 B	4-CHLOROTOLUENE	PA
EPA 8260 B	4-ISOPROPYLTOLUENE (P-CYMENE)	PA	EPA 8260 B	4-METHYL-2-PENTANONE (MIBK)	PA
EPA 8260 B	ACETONE	PA	EPA 8260 B	ACROLEIN (PROPENAL)	PA
EPA 8260 B	ACRYLONITRILE	PA	EPA 8260 B	BENZENE	PA
EPA 8260 B	BROMOBENZENE	PA	EPA 8260 B	BROMOCHLOROMETHANE	PA
EPA 8260 B	BROMODICHLOROMETHANE	PA	EPA 8260 B	BROMOFORM	PA
EPA 8260 B	CARBON DISULFIDE	PA	EPA 8260 B	CARBON TETRACHLORIDE	PA
EPA 8260 B	CHLOROBENZENE	PA	EPA 8260 B	CHLORODIBROMOMETHANE	PA
EPA 8260 B	CHLOROETHANE (ETHYL CHLORIDE)	PA	EPA 8260 B	CHLOROFORM	PA
EPA 8260 B	CIS-1,2-DICHLOROETHYLENE	PA	EPA 8260 B	CIS-1,3-DICHLOROPROPENE	PA
EPA 8260 B	DIBROMOMETHANE (METHYLENE BROMIDE)	PA	EPA 8260 B	DICHLORODIFLUOROMETHANE (FREON-12)	PA
EPA 8260 B	ETHYLBENZENE	PA	EPA 8260 B	IODOMETHANE (METHYL IODIDE)	PA
EPA 8260 B	ISOPROPYLBENZENE	PA	EPA 8260 B	M+P-XYLENE	PA
EPA 8260 B	METHYL BROMIDE (BROMOMETHANE)	PA	EPA 8260 B	METHYL CHLORIDE (CHLOROMETHANE)	PA
EPA 8260 B	METHYL TERT-BUTYL ETHER (MTBE)	PA	EPA 8260 B	METHYLENE CHLORIDE (DICHLOROMETHANE)	PA
EPA 8260 B	N-BUTYLBENZENE	PA	EPA 8260 B	N-PROPYLBENZENE	PA
EPA 8260 B	NAPHTHALENE	PA	EPA 8260 B	SEC-BUTYLBENZENE	PA
EPA 8260 B	STYRENE	PA	EPA 8260 B	TERT-BUTYL ALCOHOL	PA
EPA 8260 B	TERT-BUTYLBENZENE	PA	EPA 8260 B	TETRACHLOROETHENE (PERCHLOROETHENE)	PA
EPA 8260 B	TOLUENE	PA	EPA 8260 B	TRANS-1,2-DICHLOROETHENE	PA
EPA 8260 B	TRANS-1,3-DICHLOROPROPENE	PA	EPA 8260 B	TRANS-1,4-DICHLORO-2-BUTENE	PA
EPA 8260 B	TRICHLOROETHENE (TRICHLOROETHYLENE)	PA	EPA 8260 B	TRICHLOROFLUOROMETHANE (FLUOROTRICHLOROMETHANE, FREON 11)	PA
EPA 8260 B	VINYL ACETATE	PA	EPA 8260 B	VINYL CHLORIDE	PA

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SOLID AND CHEMICAL MATERIALS

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EPA 8260 B	XYLENE (TOTAL)	PA	EPA 8260 B - EXTENDED	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	PA
EPA 8260 B - EXTENDED	CYCLOHEXANE	PA	EPA 8260 B - EXTENDED	DI-ISOPROPYLETHYER (DIPE, ISOPROPYL ETHER)	PA
EPA 8260 B - EXTENDED	ETHYL-T-BUTYLETHYER (2-ETHOXY-2-METHYLPROPANE, ETBE)	PA	EPA 8260 B - EXTENDED	T-AMYL ALCOHOL (TAA)	PA
EPA 8260 B - EXTENDED	T-AMYL ETHYL ETHER (TAAE) (4,4-DIMETHYL-3-OXAHEXANE)	PA	EPA 8260 B - EXTENDED	T-AMYLMETHYLETHYER (TAME)	PA
EPA 8270 D	1,2,4,5-TETRACHLOROBENZENE	PA	EPA 8270 D	1,2,4-TRICHLOROBENZENE	PA
EPA 8270 D	1,2-DICHLOROBENZENE	PA	EPA 8270 D	1,2-DIPHENYLHYDRAZINE	PA
EPA 8270 D	1,3-DICHLOROBENZENE	PA	EPA 8270 D	1,4-DICHLOROBENZENE	PA
EPA 8270 D	2,3,4,6-TETRACHLOROPHENOL	PA	EPA 8270 D	2,4,5-TRICHLOROPHENOL	PA
EPA 8270 D	2,4,6-TRICHLOROPHENOL	PA	EPA 8270 D	2,4-DICHLOROPHENOL	PA
EPA 8270 D	2,4-DIMETHYLPHENOL	PA	EPA 8270 D	2,4-DINITROPHENOL	PA
EPA 8270 D	2,4-DINITROTOLUENE (2,4-DNT)	PA	EPA 8270 D	2,6-DINITROTOLUENE (2,6-DNT)	PA
EPA 8270 D	2-CHLORONAPHTHALENE	PA	EPA 8270 D	2-CHLOROPHENOL	PA
EPA 8270 D	2-METHYL-4,6-DINITROPHENOL (4,6-DINITRO-2-METHYLPHENOL)	PA	EPA 8270 D	2-METHYLNAPHTHALENE	PA
EPA 8270 D	2-METHYLPHENOL (O-CRESOL)	PA	EPA 8270 D	2-NITROANILINE	PA
EPA 8270 D	2-NITROPHENOL	PA	EPA 8270 D	3,3'-DICHLOROBENZIDINE	PA
EPA 8270 D	3-NITROANILINE	PA	EPA 8270 D	4-BROMOPHENYL PHENYL ETHER	PA
EPA 8270 D	4-CHLORO-3-METHYLPHENOL	PA	EPA 8270 D	4-CHLOROANILINE	PA
EPA 8270 D	4-CHLOROPHENYL PHENYLETHYER	PA	EPA 8270 D	4-METHYLPHENOL (P-CRESOL)	PA
EPA 8270 D	4-NITROANILINE	PA	EPA 8270 D	4-NITROPHENOL	PA
EPA 8270 D	ACENAPHTHENE	PA	EPA 8270 D	ACENAPHTHYLENE	PA
EPA 8270 D	ACETOPHENONE	PA	EPA 8270 D	ANILINE	PA
EPA 8270 D	ANTHRACENE	PA	EPA 8270 D	BENZIDINE	PA
EPA 8270 D	BENZO(A)ANTHRACENE	PA	EPA 8270 D	BENZO(A)PYRENE	PA
EPA 8270 D	BENZO(G,H,I)PERYLENE	PA	EPA 8270 D	BENZO(K)FLUORANTHENE	PA
EPA 8270 D	BENZO[B]FLUORANTHENE	PA	EPA 8270 D	BIS(2-CHLOROETHOXY)METHANE	PA
EPA 8270 D	BIS(2-CHLOROETHYL) ETHER	PA	EPA 8270 D	BIS(2-CHLOROISOPROPYL) ETHER	PA
EPA 8270 D	BIS(2-ETHYLHEXYL) PHTHALATE (DI(2-ETHYLHEXYL)PHTHALATE), (DEHP)	PA	EPA 8270 D	BUTYL BENZYL PHTHALATE	PA
EPA 8270 D	CHRYSENE	PA	EPA 8270 D	DI-N-BUTYL PHTHALATE	PA
EPA 8270 D	DI-N-OCTYL PHTHALATE	PA	EPA 8270 D	DIBENZO(A,H) ANTHRACENE	PA
EPA 8270 D	DIBENZOFURAN	PA	EPA 8270 D	DIETHYL PHTHALATE	PA
EPA 8270 D	DIMETHYL PHTHALATE	PA	EPA 8270 D	FLUORANTHENE	PA
EPA 8270 D	FLUORENE	PA	EPA 8270 D	HEXACHLOROBENZENE	PA

This Scope of Accreditation must accompany the Certificate issued by Virginia DCLS with the same Certificate Number indicated above.



Commonwealth of Virginia
 Department of General Services
 Division of Consolidated Laboratory Services



Scope of Accreditation

VELAP Certificate No.: 2919

PHASE SEPARATION SCIENCE, INC
 6630 BALTIMORE NATIONAL PIKE
 BALTIMORE, MD 21228

Virginia Laboratory ID: 460156
 Effective Date: June 15, 2014
 Expiration Date: June 14, 2015

SOLID AND CHEMICAL MATERIALS

<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>	<u>METHOD</u>	<u>ANALYTE</u>	<u>PRIMARY</u>
EPA 8270 D	HEXACHLOROBUTADIENE (1,3-HEXACHLOROBUTADIENE)	PA	EPA 8270 D	HEXACHLOROCYCLOPENTADIENE	PA
EPA 8270 D	HEXACHLOROETHANE	PA	EPA 8270 D	INDENO(1,2,3-CD) PYRENE	PA
EPA 8270 D	ISOPHORONE	PA	EPA 8270 D	N-NITROSODI-N-PROPYLAMINE	PA
EPA 8270 D	N-NITROSODIMETHYLAMINE	PA	EPA 8270 D	N-NITROSODIPHENYLAMINE	PA
EPA 8270 D	NAPHTHALENE	PA	EPA 8270 D	NITROBENZENE	PA
EPA 8270 D	PENTACHLOROPHENOL	PA	EPA 8270 D	PHENANTHRENE	PA
EPA 8270 D	PHENOL	PA	EPA 8270 D	PYRENE	PA
EPA 8270 D - EXTENDED	1,1-BIPHENYL	PA	EPA 8270 D - EXTENDED	3+4-METHYL PHENOL (M+P CRESOL)	PA
EPA 8270 D - EXTENDED	ATRAZINE	PA	EPA 8270 D - EXTENDED	BENZALDEHYDE	PA
EPA 8270 D - EXTENDED	BIS(2-ETHYLHEXYL)ADIPATE (DI(2-ETHYLHEXYL)ADIPATE)	PA	EPA 8270 D - EXTENDED	CAPROLACTAM	PA
EPA 8270 D - EXTENDED	CARBAZOLE	PA	EPA 8270 D - EXTENDED	N-DECANE	PA
EPA 8270 D - EXTENDED	N-OCTANE	PA	EPA 8270 D - EXTENDED	PYRIDINE	PA
EPA 9010 B	PREP: CYANIDE DISTILLATION	PA	EPA 9014	CYANIDE	PA
EPA 9045 D	PH	PA	EPA 9095 B	FREE LIQUID	PA

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Appendix D

Laboratory Results

Laboratory results for the initial testing was performed by Mid-Atlantic. Mid-Atlantic needed additional support to complete the testing and used Summit Environmental Technologies as a subcontractor for its laboratory efforts.





MID-ATLANTIC LABORATORIES INC.

STATE-CERTIFIED ENVIRONMENTAL LABORATORY
224 MAIN ST., SUITE 1
PORT ROYAL, VIRGINIA 22535
(804) 742-5577
www.midatlanticlaboratories.com

MAILING ADDRESS:
14294 BIG TIMBER RD.
KING GEORGE, VA 22485

October 28, 2014

Jim Judkins
Rasco, Inc.
1635-2 Woodside Drive
Woodbridge, VA 22191

OCT 31 2014

RE: 12083

Dear Jim,

Enclosed are 164 Lead analyses for the Patuxent River project. This is the final report.

The signature below certifies that the results are based on the referenced methods, and applicable certifications or accreditations are noted for each parameter reported.

Reported results relate only to the items tested as received by the laboratory.

If you have any questions concerning this report, please feel free to call Client Services at 804-742-5577.

Sincerely,

Sylvia C. Storke
Laboratory Director

Enclosures

Analyzing Laboratory: **Analytix Corp., MD Lab ID#: 155**

LABORATORY CERTIFICATONS: VA # 00215 WVA # 9926 MD # 215 NC # 51704





ANALYTICAL RESULTS

Workorder: 1023572 12083

Lab ID: 1023572001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 1 PX-1597-HLW2A-WFC-FD Date Collected: 10/18/2014 8:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 09:18	HB		V

Report ID: 1023572-20141024080606

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 1023572 12083

Lab ID: 1023572002 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 2 PX-1597-BATH3B-HHW-FD Date Collected: 10/18/2014 8:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 09:22	HB		V

Report ID: 1023572-20141024080606

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ANALYTICAL RESULTS

Workorder: 1023572 12083

Lab ID: 1023572003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 3 PX-1597-BATH4B-LHWA-FD Date Collected: 10/18/2014 8:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 09:27	HB		V

Report ID: 1023572-20141024080606

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ANALYTICAL RESULTS

Workorder: 1023572 12083

Lab ID: 1023672004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 4 PX-1597-BATH4B-LHWP-FD Date Collected: 10/18/2014 8:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 09:31	HB		V

Report ID: 1023572-20141024080606

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ANALYTICAL RESULTS

Workorder: 1023572 12083

Lab ID: 1023572005 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 5 PX-1597-OUT4B-WFC-FD Date Collected: 10/18/2014 8:20 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 09:35	HB		V

Report ID: 1023572-20141024080606

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ANALYTICAL RESULTS

Workorder: 1023572 12083

Lab ID: 1023572006 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 6 PX-1697-BATH6B-HHWA-FD Date Collected: 10/18/2014 8:20 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 09:40	HB		V

Report ID: 1023572-20141024080606

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ANALYTICAL RESULTS

Workorder: 1023572 12083

Lab ID: 1023572007 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 7 PX-1597-BATH5B-HHWP-FD Date Collected: 10/18/2014 8:20 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 09:44	HB	V	

Report ID: 1023572-20141024080606

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ANALYTICAL RESULTS

Workorder: 1023572 12083

Lab ID: 1023572008 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 8 PX-1597-K6A-K-FD Date Collected: 10/18/2014 8:10 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 09:48	HB		V

Report ID: 1023572-20141024080606

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ANALYTICAL RESULTS

Workorder: 1023572 12083

Lab ID: 1023572009 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 9 PX-1597-OUT7A-WS-FD Date Collected: 10/18/2014 8:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 09:53	HB		V

Report ID: 1023572-20141024080606

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 10 PX-2030-INF2310-HHW-FD Date Collected: 10/18/2014 9:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00490	mg/L	0.0025	1	NA	NA	10/22/2014 09:57	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573002 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 11 PX-2030-INF2310-LHWA-FD Date Collected: 10/18/2014 9:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 10:14	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 12 PX-2030-INF2310-LHWB-FD Date Collected: 10/18/2014 9:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0178	mg/L	0.0025	1	NA	NA	10/22/2014 10:19	HB	V	

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 13 PX-2030-OUT2310-WS-FD Date Collected: 10/18/2014 9:25 Sample Type: GRAB

Parameters	Results	Units	Report Liml	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method:	EPA 200.8									
Lead	0.0131	mg/L	0.0025	1	NA	NA	10/22/2014 10:23	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573005 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 14 PX-2030-INF2314-HHW-FD Date Collected: 10/18/2014 9:20 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 10:28	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573006 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 15 PX-2030-INF2314-LHWA-FD Date Collected: 10/18/2014 9:20 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 18:44	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573007 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 16 PX-2030-INF2314-LHWP-FD Date Collected: 10/18/2014 9:20 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 18:50	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573008 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 17 PX-2030-K2404-K-FD Date Collected: 10/18/2014 9:55 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00320	mg/L	0.0025	1	NA	NA	10/22/2014 18:55	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573009 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 18 PX-2030-INF2432-HHW-FD Date Collected: 10/18/2014 9:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00690	mg/L	0.0025	1	NA	NA	10/22/2014 19:01	HB	V	

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573010 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 19 PX-2030-INF2432-K-FD Date Collected: 10/18/2014 9:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00540	mg/L	0.0025	1	NA	NA	10/22/2014 19:07	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573011 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 20 PX-2030-INF2435-HHW-FD Date Collected: 10/18/2014 9:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0149	mg/L	0.0025	1	NA	NA	10/22/2014 19:12	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573012 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 21 PX-2030-INF2435-K-FD Date Collected: 10/18/2014 9:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 19:18	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573013 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 22 PX-2030-INF2437-LHWA-FD Date Collected: 10/18/2014 9:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00550	mg/L	0.0025	1	NA	NA	10/22/2014 19:24	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573014 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 23 PX-2030-INF2437-LHWP-FD Date Collected: 10/18/2014 9:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	0.0111	mg/L	0.0025	1	NA	NA	10/22/2014 19:30	HB	V	
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Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573016 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 24 PX-2030-INF2437-LHWC-FD Date Collected: 10/18/2014 9:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00510	mg/L	0.0025	1	NA	NA	10/22/2014 19:35	HB	V	

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573016 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 25 PX-2030-INF2440-LHWA-FD Date Collected: 10/18/2014 9:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00760	mg/L	0.0025	1	NA	NA	10/22/2014 20:05	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573017 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 26 PX-2030-INF2440-LHWP-FD Date Collected: 10/18/2014 9:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 20:11	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023673018 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 27 PX-2030-INF2440-LHWC-FD Date Collected: 10/18/2014 9:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0280	mg/L	0.0025	1	NA	NA	10/22/2014 20:16	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573019 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 28 PX-2030-OUT2440-WS-FD Date Collected: 10/18/2014 9:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00890	mg/L	0.0025	1	NA	NA	10/22/2014 20:22	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573020 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 29 PX-2030-INF2447-LHWA-FD Date Collected: 10/18/2014 9:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	0.00360	mg/L	0.0025	1	NA	NA	10/22/2014 20:28	HB	V	
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Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573021 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 30 PX-2030-INF2447-LHWP-FD Date Collected: 10/18/2014 9:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0111	mg/L	0.0025	1	NA	NA	10/22/2014 20:33	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573022 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 31 PX-2030-INF2447-LHWC-FD Date Collected: 10/18/2014 9:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0104	mg/L	0.0025	1	NA	NA	10/22/2014 20:39	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023573 12083

Lab ID: 1023573023 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 32 PX-2030-BATH2448-HHW-FD Date Collected: 10/18/2014 9:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/22/2014 20:45	HB		V

Report ID: 1023573-20141024131616

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 33 PX-2030-HLW2451-WFB-FD Date Collected: 10/18/2014 9:10 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method:	EPA 200.8									
Lead	0.00320	mg/L	0.0025	1	NA	NA	10/22/2014 22:47	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578002 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 34 PX-2030-HLW2457-WFB-FD Date Collected: 10/18/2014 9:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00910	mg/L	0.0025	1	NA	NA	10/22/2014 23:04	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 35 PX-2030-BATH23FA-HHW-FD Date Collected: 10/18/2014 10:00 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00540	mg/L	0.0025	1	NA	NA	10/22/2014 23:10	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 36 PX-2030-BATH23FC-HHW-FD Date Collected: 10/18/2014 9:10 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00790	mg/L	0.0025	1	NA	NA	10/22/2014 23:16	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578005 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 37 PX-2030-K242C-KSP-FD Date Collected: 10/18/2014 9:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00710	mg/L	0.0025	1	NA	NA	10/22/2014 23:21	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578006 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 38 PX-2030-INF243E-LHWA-FD Date Collected: 10/18/2014 9:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00540	mg/L	0.0025	1	NA	NA	10/22/2014 23:27	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578007 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 39 PX-2030-INF243E-LHWP-FD Date Collected: 10/18/2014 9:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0155	mg/L	0.0025	1	NA	NA	10/22/2014 23:33	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578008 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 40 PX-2030-INF243E-LHWC-FD Date Collected: 10/18/2014 9:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00810	mg/L	0.0025	1	NA	NA	10/22/2014 23:38	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578009 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 41 PX-2030-OUT243E-WS-FD Date Collected: 10/18/2014 9:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00400	mg/L	0.0025	1	NA	NA	10/23/2014 00:08	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578010 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 42 PX-2030-OUTYARD-WFBA-FD Date Collected: 10/18/2014 9:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0111	mg/L	0.0025	1	NA	NA	10/23/2014 00:14	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578011 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 43 PX-2030-OUT242D-WS-FD Date Collected: 10/18/2014 9:55 Sample Type: GRAB

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0160	mg/L	0.0025	1	NA	NA	10/23/2014 00:19	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578012 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 44 PX-2030-OUTCYARD-WS-FD Date Collected: 10/18/2014 10:00 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0106	mg/L	0.0025	1	NA	NA	10/23/2014 00:25	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023578 12083

Lab ID: 1023578013 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 45 PX-2030-OUT2314-WS-FD Date Collected: 10/18/2014 10:05 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0251	mg/L	0.0025	1	NA	NA	10/23/2014 00:31	HB		V

Report ID: 1023578-20141023170404

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 46 PX-2813-INF101-HHW-FD Date Collected: 10/18/2014 12:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 18:27	HB		V

Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579002 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 47 PX-2813-INF101-K-FD Date Collected: 10/18/2014 10:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 18:38	HB		V
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Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 48 PX-2813-INF102-HHW-FD Date Collected: 10/18/2014 10:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 18:41	HB		V
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Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 49 PX-2813-INF102--K-FD Date Collected: 10/18/2014 10:25 Sample Type: GRAB

Parameters Results Units Report Limi DF Prepared By Analyzed By Qual Certifications

Analytical Method: EPA 200.8

Lead <0.00250 mg/L 0.0025 1 NA NA 10/23/2014 18:45 HB V

Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579005 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 50 PX-2813-OUT102-WS-FD Date Collected: 10/18/2014 10:35 Sample Type: GRAB

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0320	mg/L	0.0025	1	NA	NA	10/23/2014 19:04	HB	V	

Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579006 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 51 PX-2813-INF103-HHW-FD Date Collected: 10/18/2014 10:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:08	HB		V
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Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579007 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 52 PX-2813-INF103-K-FD Date Collected: 10/18/2014 10:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:12	HB		V
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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579008 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 53 PX-2813-INF104-HHW-FD Date Collected: 10/18/2014 10:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:15	HB		V

Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579009 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 54 PX-2813-INF104-K-FD Date Collected: 10/18/2014 10:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:19	HB		V
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Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579010 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 55 PX-2813-OUT104-WS-FD Date Collected: 10/18/2014 10:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	0.0588	mg/L	0.0025	1	NA	NA	10/24/2014 15:42	HB		V
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Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579011 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 56 PX-2813-INF106-HHW-FD Date Collected: 10/18/2014 10:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:26	HB		V
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Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579012 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 57 PX-2813-INF106-K-FD Date Collected: 10/18/2014 10:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:30	HB		V
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Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579013 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 58 PX-2813-OUT105-WFB-FD Date Collected: 10/18/2014 10:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00330	mg/L	0.0025	1	NA	NA	10/23/2014 19:34	HB		V

Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579014 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 59 PX-2813-INF106-HHW-FD Date Collected: 10/18/2014 10:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:37	HB		V
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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579016 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 60 PX-2813-INF106-K-FD Date Collected: 10/18/2014 10:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:48	HB		V

Report ID: 1023579-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023579 12083

Lab ID: 1023579016 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 61 PX-2813-INF110-HHW-FD Date Collected: 10/18/2014 10:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:52	HB		V
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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 62 PX-2813-INF110-K-FD Date Collected: 10/18/2014 10:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 19:59	HB		V

Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580002 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 63 PX-2813-INF111-HHW-FD Date Collected: 10/18/2014 10:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 20:03	HB		V
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Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 64 PX-2813-INF111-K-FD Date Collected: 10/18/2014 10:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 20:06	HB		V

Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 65 PX-2813-INF112-HHW-FD Date Collected: 10/18/2014 10:55 Sample Type: GRAB

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/23/2014 20:10	HB		V

Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580005 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 66 PX-2813-INF112-K-FD Date Collected: 10/18/2014 10:55 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:04	HB		V

Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580006 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 67 PX-2813-INF113-HHW-FD Date Collected: 10/18/2014 10:55 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:14	HB		V
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Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580007 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 68 PX-2813-INF113-K-FD Date Collected: 10/18/2014 10:55 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:18	HB		V

Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580008 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 69 PX-2813-OUT113-WS-FD Date Collected: 10/18/2014 10:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	0.0562	mg/L	0.0025	1	NA	NA	10/24/2014 14:22	HB		V
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Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580009 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 70 PX-2813-PSH114-HHW-FD Date Collected: 10/18/2014 11:00 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:25	HB		V
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Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580010 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 71 PX-2813-PSH114-K-FD Date Collected: 10/18/2014 11:00 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:36	HB		V

Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580011 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 72 PX-2813-PSH115-HHW-FD Date Collected: 10/18/2014 10:55 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certificatons
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:40	HB		V

Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580012 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 73 PX-2813-PSH115-K-FD Date Collected: 10/18/2014 10:55 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:43	HB		V

Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580014 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 75 PX-2813-PSH116-HHW-FD Date Collected: 10/18/2014 10:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:51	HB		V

Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023580 12083

Lab ID: 1023580015 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 76 PX-2813-PSH116-K-FD Date Collected: 10/18/2014 10:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:54	HB		V
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Report ID: 1023580-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 77 PX-2813-OUT116-WFB-FD Date Collected: 10/18/2014 10:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 14:58	HB		V

Report ID: 1023581-201410271717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581002 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 78 PX-2813-PSH117-HHW-FD Date Collected: 10/18/2014 10:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
------------	---------	-------	-------------	----	----------	----	----------	----	------	----------------

Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 15:02	HB		V
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Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 79 PX-2813-PSH117-K-FD Date Collected: 10/18/2014 10:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 15:05	HB		V
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Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 80 PX-2813-PSH122-HHW-FD Date Collected: 10/18/2014 11:05 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 15:09	HB		V

Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581005 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 81 PX-2813-PSH122-K-FD Date Collected: 10/18/2014 11:05 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 15:20	HB		V

Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581006 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 82 PX-2813-INF123-HHW-FD Date Collected: 10/18/2014 11:05 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method:	EPA 200.8
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Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 15:23	HB		V
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Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581007 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 83 PX-2813-INF123-K-FD Date Collected: 10/18/2014 11:05 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 15:27	HB		V

Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581008 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 84 PX-2813-PSH124-HHW-FD Date Collected: 10/18/2014 11:05 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 15:31	HB		V
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Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581009 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 86 PX-2813-PSH124-K-FD Date Collected: 10/18/2014 11:05 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 15:34	HB		V
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Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581010 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 86 PX-2813-INF126-HHW-FD Date Collected: 10/18/2014 11:05 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 16:03	HB		V

Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581011 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 87 PX-2813-INF125-K-FD Date Collected: 10/18/2014 11:05 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 16:14	HB		V
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Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581012 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 88 PX-2813-OUT125-WFB-FD Date Collected: 10/18/2014 10:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 16:18	HB		V
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Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581013 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 89 PX-2813-INF127-HHW-FD Date Collected: 10/18/2014 11:10 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 16:22	HB		V

Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581014 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 90 PX-2813-INF127-K-FD Date Collected: 10/18/2014 11:10 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 16:25	HB		V

Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023581 12083

Lab ID: 1023581015 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 91 PX-2813-OUT127-WS-FD Date Collected: 10/18/2014 11:10 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0608	mg/L	0.0025	1	NA	NA	10/24/2014 16:29	HB		V

Report ID: 1023581-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 92 PX-2813-TL134-K-FD Date Collected: 10/18/2014 11:20 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 16:33	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582002 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 93 PX-2813-K137-HHWA-FD Date Collected: 10/18/2014 11:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0131	mg/L	0.0025	1	NA	NA	10/24/2014 16:36	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 94 PX-2813-K137-HHWP-FD Date Collected: 10/18/2014 11:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0111	mg/L	0.0025	1	NA	NA	10/24/2014 16:47	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 95 PX-2813-K137-HHWC-FD Date Collected: 10/18/2014 11:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00970	mg/L	0.0025	1	NA	NA	10/24/2014 16:51	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582005 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 98 PX-2813-K137-KA-FD Date Collected: 10/18/2014 11:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 16:54	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582006 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 97 PX-2813-K137-KB-FD Date Collected: 10/18/2014 11:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 16:58	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582007 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 98 PX-2813-K137-KC-FD Date Collected: 10/18/2014 11:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 17:02	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582008 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 99 PX-2813-K137-KSPA-FD Date Collected: 10/18/2014 11:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 17:05	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582009 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 100 PX-2813-K137-KSPB-FD Date Collected: 10/18/2014 11:15 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 17:09	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582010 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 101 PX-2813-OUT137-WS-FD Date Collected: 10/18/2014 11:20 Sample Type: GRAB

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0146	mg/L	0.0025	1	NA	NA	10/24/2014 17:13	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582011 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 102 PX-2813-PSH140-HHW-FD Date Collected: 10/18/2014 11:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 17:16	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582012 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 103 PX-2813-PSH140-K-FD Date Collected: 10/18/2014 11:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method:	EPA 200.8
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Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 17:20	HB		V
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Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582013 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 104 PX-2813-PSH140-LHWA-FD Date Collected: 10/18/2014 11:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 17:31	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582014 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 105 PX-2813-PSH140-WFB-FD Date Collected: 10/18/2014 11:25 Sample Type: GRAB

Parameters	Results	Units	Report Liml	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 17:34	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582015 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 106 PX-2813-PSH141-HHW-FD Date Collected: 10/18/2014 11:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 17:53	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582016 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 107 PX-2813-PSH141-K-FD Date Collected: 10/18/2014 11:25 Sample Type: GRAB

Parameters Results Units Report Limi DF Prepared By Analyzed By Qual Certifications

Analytical Method: EPA 200.8

Lead <0.00250 mg/L 0.0025 1 NA NA 10/24/2014 18:04 HB V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582017 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 108 PX-2813-PSH141-LHWA-FD Date Collected: 10/18/2014 11:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:15	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582018 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 109 PX-2813-PSH141-WFB-FD Date Collected: 10/18/2014 11:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:18	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023582 12083

Lab ID: 1023582019 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 110 PX-2813-PSH142-HHW-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:22	HB		V

Report ID: 1023582-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 111 PX-2813-PSH142-K-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:25	HB		V
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Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583002 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 112 PX-2813-PSH142-LHWA-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qualifications
Analytical Method: EPA 200.8									
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:29	HB	V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 113 PX-2813-PSH142-WFB-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:33	HB		V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 114 PX-2813-PSH143-HHW-FD Date Collected: 10/18/2014 11:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:36	HB		V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023683005 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 115 PX-2813-PSH143-K-FD Date Collected: 10/18/2014 11:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:40	HB		V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583006 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 116 PX-2813-PSH143-LHWA-FD Date Collected: 10/18/2014 11:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:44	HB		V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023683007 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 117 PX-2813-PSH143-WFB-FD Date Collected: 10/18/2014 11:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:47	HB		V
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Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583008 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 118 PX-2813-OUT143-WFB-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 18:58	HB		V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583009 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 119 PX-2813-PSH144-HHW-FD Date Collected: 10/18/2014 11:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 19:02	HB		V
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Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583010 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 120 PX-2813-PSH144-K-FD Date Collected: 10/18/2014 11:50 Sample Type: GRAB

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 19:06	HB		V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583011 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 121 PX-2813-PSH144-LHWA-FD Date Collected: 10/18/2014 11:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 19:09	HB		V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583012 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 122 PX-2813-PSH144-WFB-FD Date Collected: 10/18/2014 11:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 19:13	HB		V
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Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583013 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 123 PX-2813-TOD146-HHW-FD Date Collected: 10/18/2014 11:55 Sample Type: GRAB

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 19:17	HB		V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583014 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 124 PX-2813-TOD145-K-FD Date Collected: 10/18/2014 11:55 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 19:20	HB		V
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Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023583 12083

Lab ID: 1023583015 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 125 PX-2813-TOD145-LHWA-FD Date Collected: 10/18/2014 11:55 Sample Type: GRAB

Parameters	Results	Units	Report Liml	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 19:24	HB		V

Report ID: 1023583-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 128 PX-2813-TOD146-HHW-FD Date Collected: 10/18/2014 11:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 19:50	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584002 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 127 PX-2813-TOD148-K-FD Date Collected: 10/18/2014 11:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method:	EPA 200.8
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Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:01	HB		V
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Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 128 PX-2813-TOD146-LHWA-FD Date Collected: 10/18/2014 11:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:04	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 129 PX-2813-TOD146-WFB-FD Date Collected: 10/18/2014 11:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:08	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584005 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 130 PX-2813-OUT146-WS-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	0.0787	mg/L	0.0025	1	NA	NA	10/24/2014 20:11	HB	V	
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11/4/2014
This page was added after the original document was submitted. The Sample ID was incorrectly labeled as PX-2813-TOD146-WS-FD and is now correct in this document
Jim Judkins
RASco Engineers
703-643-2952 X 205

Report ID: 1023584-20141103101515

AMENDED REPORT

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584006 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 131 PX-2813-TOD147-HHW-FD Date Collected: 10/18/2014 11:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:15	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584007 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 132 PX-2813-TOD147-K-FD Date Collected: 10/18/2014 11:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:26	HB	V	
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Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584008 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 133 PX-2813-TOD147-LHWA-FD Date Collected: 10/18/2014 11:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:29	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584009 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 134 PX-2813-TOD147-WFB-FD Date Collected: 10/18/2014 11:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:33	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023684010 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 135 PX-2813-OUT147-WFB-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:37	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584011 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 136 PX-2813-TOD148-HHW-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:40	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584012 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 137 PX-2813-TOD148-K-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:44	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584013 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 138 PX-2813-TOD148-LHWA-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:48	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584014 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 139 PX-2813-TOD148-WFB-FD Date Collected: 10/18/2014 11:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:51	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023584 12083

Lab ID: 1023584015 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 140 PX-2813-TOD149-HHW-FD Date Collected: 10/18/2014 11:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:55	HB		V

Report ID: 1023584-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023585 12083

Lab ID: 1023585001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 141 PX-2813-TOD148-K-FD Date Collected: 10/18/2014 11:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
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Analytical Method: EPA 200.8

Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 20:58	HB		V
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Report ID: 1023585-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023585 12083

Lab ID: 1023585002 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 142 PX-2813-TOD149-LHWA-FD Date Collected: 10/18/2014 11:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 21:09	HB		V

Report ID: 1023585-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023585 12083

Lab ID: 1023585003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 143 PX-2813-TOD149-WFB-FD Date Collected: 10/18/2014 11:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 21:13	HB		V

Report ID: 1023585-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023585 12083

Lab ID: 1023585004 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 144 PX-2813-HLWASST DIR-WFCA Date Collected: 10/18/2014 11:00 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 21:16	HB		V

Report ID: 1023585-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023585 12083

Lab ID: 1023565005 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 145 PX-2813-HLWASST DIR-WFCB Date Collected: 10/18/2014 11:00 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/24/2014 21:20	HB		V

Report ID: 1023585-20141027171717

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586001 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 146 PX-MDC-OFF1762-WS-FD Date Collected: 10/18/2014 7:25 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00370	mg/L	0.0025	1	NA	NA	10/27/2014 14:23	HB		V

Report ID: 1023586-20141028162424

CERTIFICATE OF ANALYSIS

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID:	1023586002	Date Received:	10/20/2014 10:00	Matrix:	Drinking Water					
Sample ID:	147 PX-MDC-OFF1763-WS-FD	Date Collected:	10/18/2014 7:25	Sample Type:	GRAB					
Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00580	mg/L	0.0025	1	NA	NA	10/27/2014 14:35	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586003 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 148 PX-MDC-OFF1764-WS-FD Date Collected: 10/18/2014 7:30 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00570	mg/L	0.0025	1	NA	NA	10/27/2014 14:39	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID:	1023586004	Date Received:	10/20/2014 10:00	Matrix	Drinking Water
Sample ID:	149 PX-MDC-OFF2652-WS-FD	Date Collected:	10/18/2014 7:25	Sample Type:	GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.0176	mg/L	0.0025	1	NA	NA	10/27/2014 14:43	HB		V

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586005 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 150 PX-MDC-BATHBHB-HHWA-FD Date Collected: 10/18/2014 7:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 14:47	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586006 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 151 PX-MDC-BATHBHB-HHWC-FD Date Collected: 10/18/2014 7:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 14:51	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586007 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 152 PX-MDC-BATHBHB-WFCA-FD Date Collected: 10/18/2014 7:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 15:07	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586008 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 153 PX-MDC-BATHBHB-WFCB-FD Date Collected: 10/18/2014 7:40 Sample Type: GRAB

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 15:11	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586009 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 164 PX-MDC-BATHBHB-WS-FD Date Collected: 10/18/2014 7:40 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 15:15	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586010 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 155 PX-MDC-BATHBHG-HHWA-FD Date Collected: 10/18/2014 7:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 15:19	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586011 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 166 PX-MDC-BATHBHG-HHWP-FD Date Collected: 10/18/2014 7:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 15:23	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586012 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 157 PX-MDC-BATHBHG-HHWC-FD Date Collected: 10/18/2014 7:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 15:27	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586013 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 158 PX-MDC-BATHBHG-SHW-FD Date Collected: 10/18/2014 7:50 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00740	mg/L	0.0025	1	NA	NA	10/27/2014 15:31	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586014 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 159 PX-MDC-BATHBHG-WFCA-FD Date Collected: 10/18/2014 7:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 15:35	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586015 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 160 PX-MDC-BATHBHG-WFCB-FD Date Collected: 10/18/2014 7:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 15:39	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586016 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 161 PX-MDC-BATHBHGO-HHW-FD Date Collected: 10/18/2014 7:45 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	<0.00250	mg/L	0.0025	1	NA	NA	10/27/2014 15:43	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586017 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 162 PX-MDC-OUTSPARE-WSC-FD Date Collected: 10/18/2014 7:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00320	mg/L	0.0025	1	NA	NA	10/27/2014 16:00	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586018 Date Received: 10/20/2014 10:00 Matrix Drinking Water
Sample ID: 163 PX-MDC-OUTSPARE-WSD-FD Date Collected: 10/18/2014 7:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00700	mg/L	0.0025	1	NA	NA	10/27/2014 16:04	HB		V

Report ID: 1023586-20141028162424

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ANALYTICAL RESULTS

Workorder: 1023586 12083

Lab ID: 1023586019 Date Received: 10/20/2014 10:00 Matrix: Drinking Water
Sample ID: 164 PX-MDC-OUTSPARE-WSE-FD Date Collected: 10/18/2014 7:35 Sample Type: GRAB

Parameters	Results	Units	Report Limi	DF	Prepared	By	Analyzed	By	Qual	Certifications
Analytical Method: EPA 200.8										
Lead	0.00320	mg/L	0.0025	1	NA	NA	10/27/2014 16:08	HB		V

Report ID: 1023586-20141028162424

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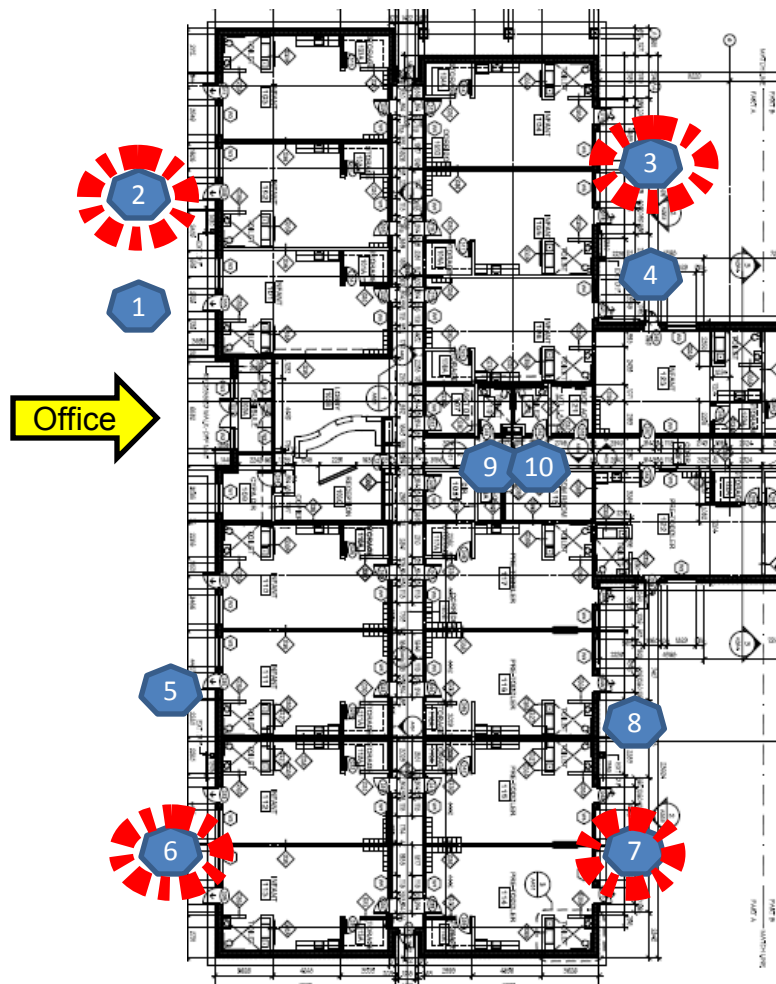
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Appendix E
Locations of Outlets
exceeding the threshold





Representative Room Whole Building-Part 1



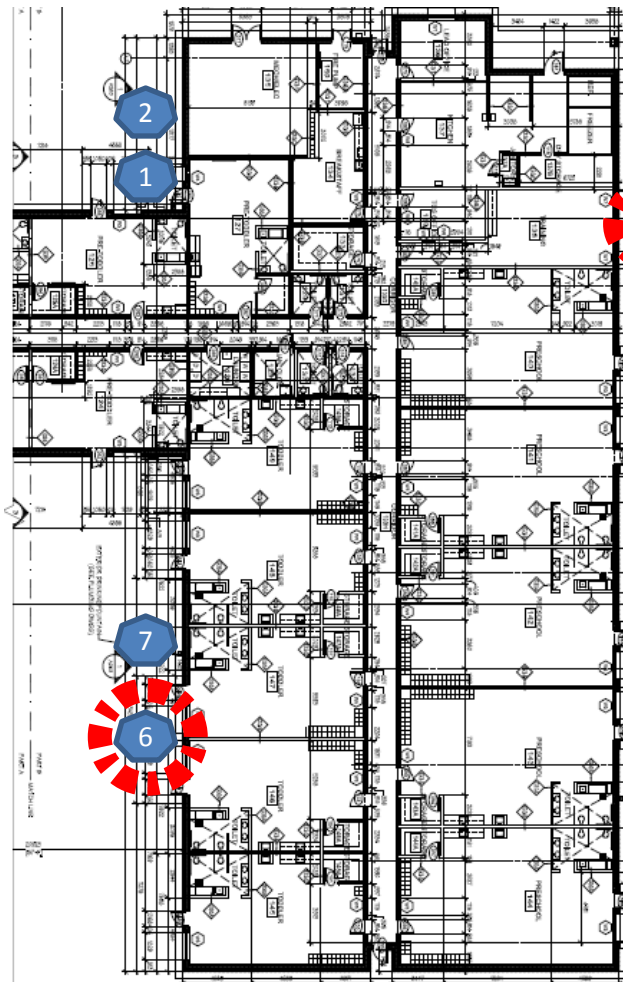
Patuxent River Bldg 2813

1	OUTSIDE	101	WATER FOUNTAIN (BUBBLER)	PX-2813-OUT101-WFB-FD
2	OUTSIDE	102	WATER SPIGOT	PX-2813-OUT102-WS-FD
3	OUTSIDE	104	WATER SPIGOT	PX-2813-OUT104-WS-FD
4	OUTSIDE	105	WATER FOUNTAIN (BUBBLER)	PX-2813-OUT105-WFB-FD
5	OUTSIDE	111	WATER FOUNTAIN (BUBBLER)	PX-2813-OUT111-WFB-FD
6	OUTSIDE	113	WATER SPIGOT	PX-2813-OUT113-WS-FD
7	OUTSIDE	115	WATER SPIGOT	PX-2813-OUT115-WS-FD
8	OUTSIDE	116	WATER FOUNTAIN (BUBBLER)	PX-2813-OUT116-WFB-FD
9	Hallway	ASS DIR	WATER FOUNTAIN (COOLER)	PX-2813-HLWASST DIR-WFCA-FD
10	Hallway	ASS DIR	WATER FOUNTAIN (COOLER)	PX-2813-HLWASST DIR-WFCB-FD



Representative Room Whole Building-Part 2

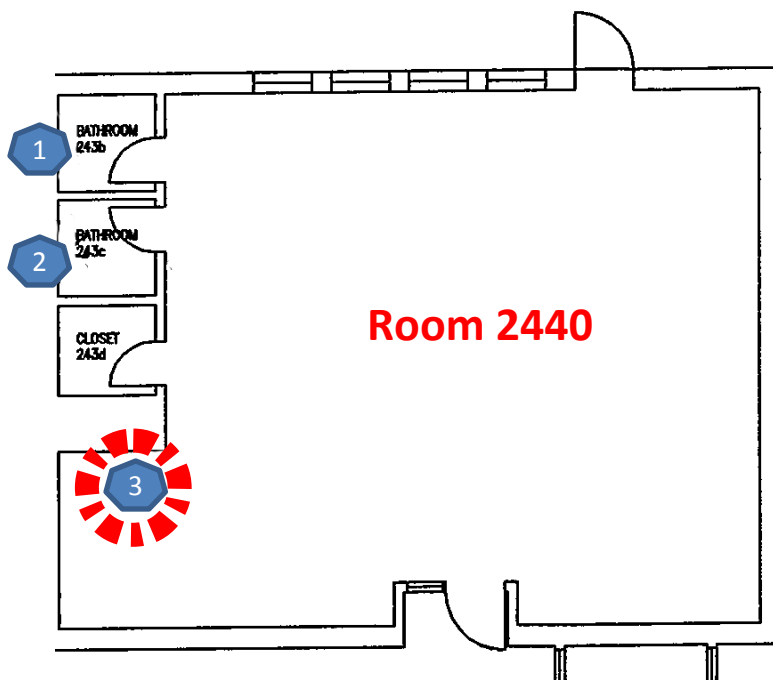
Patuxent River
Bldg 2813






1	OUTSIDE	125	WATER FOUNTAIN (BUBBLER)	PX-2813-OUT125-WFB-FD
2	OUTSIDE	127	WATER SPIGOT	PX-2813-OUT127-WS-FD
3	OUTSIDE	137	WATER SPIGOT	PX-2813-OUT137-WS-FD
4	OUTSIDE	142	WATER SPIGOT	PX-2813-OUT142-WS-FD
5	OUTSIDE	143	WATER FOUNTAIN (BUBBLER)	PX-2813-OUT143-WFB-FD
6	OUTSIDE	146	WATER SPIGOT	PX-2813-OUT146-WS-FD
7	OUTSIDE	147	WATER FOUNTAIN (BUBBLER)	PX-2813-OUT147-WFB-FD



Representative Room Playroom

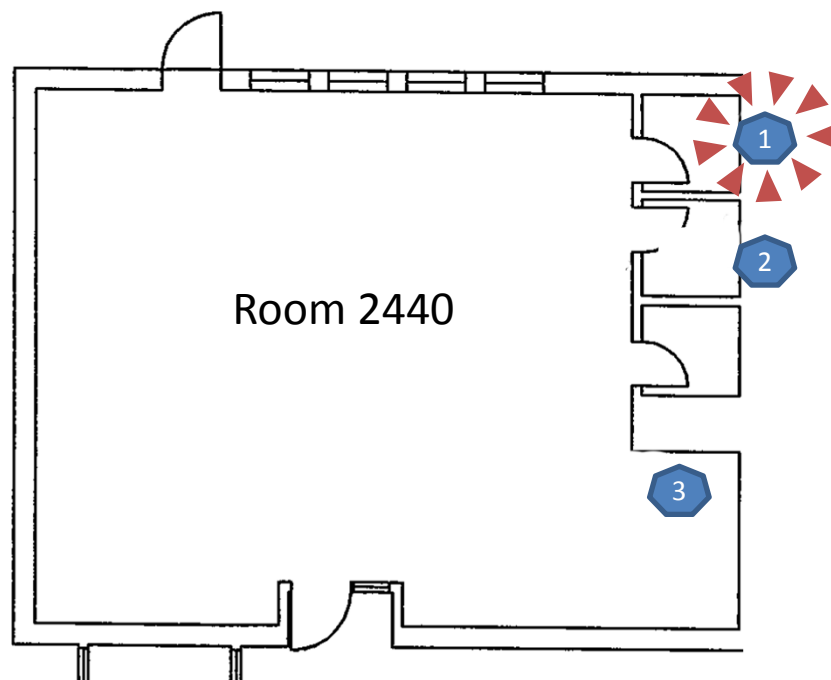


Patuxent River
Bldg 2030
Rooms 243e,
2437,2440,2447




	Infant Room	243E	LOW HAND WASHING FAUCET (youth)	PX-2030-INF243E-LHWA-FD
	Infant Room	243E	LOW HAND WASHING FAUCET (youth)	PX-2030-INF243E-LHWB-FD
	Infant Room	243E	LOW HAND WASHING FAUCET (youth)	PX-2030-INF243E-LHWC-FD



Representative Room Playroom



Patuxent River
Bldg 2030
Rooms 243e,
2437,2440,2447

	Infant Room	2440	LOW HAND WASHING FAUCET (youth)	PX-2030-INF2440-LHWA-FD
	Infant Room	2440	LOW HAND WASHING FAUCET (youth)	PX-2030-INF2440-LHWB-FD
	Infant Room	2440	LOW HAND WASHING FAUCET (youth)	PX-2030-INF2440-LHWC-FD

10A1401127003

Enclosure ~~D~~

9

Appendix F

Re-Sampling Results and

Chain of Custody Forms

Phase Separation Science from Baltimore, Maryland performed the re-sampling requirements. The results and chain of custody of the seven samples are listed together in this appendix.

OFFICES:
6630 BALTIMORE NATIONAL PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047
FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.



CERTIFICATE OF ANALYSIS

No: 14111005

Rasco, Inc., Woodbridge, VA

November 17, 2014

Project Name: LIPA
Project Location: JBAB
Project ID: 10A1401127/003

Sample ID: JB-413-PSH18-K-2FD **Date/Time Sampled: 11/06/2014 15:30** **PSS Sample ID: 14111005-001**
Matrix: DRINKING WATER **Date/Time Received: 11/10/2014 11:00**

Total Lead

Analytical Method: EPA 200.8

Preparation Method: 200.8

	<u>Result</u>	<u>Units</u>	<u>RL</u>	<u>Flag</u>	<u>Dil</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Analyst</u>
Lead	ND	ug/L	1.0		1	11/11/14	11/12/14 18:34	1033

