



**Date of Issue:** 09/11/2014 04:10:25

**DEP Bureau of Laboratories - Harrisburg**  
**P.O. Box 1467**  
**2575 Interstate Drive**  
**Harrisburg, PA 17105-1467**

**Contact Phone Number: (717) 346-7200**

**NELAP - accredited by**

**NJ DEP - Laboratory Number: PA059**  
**PA DEP LAP - DEP Lab ID: 22-00223**

**Analytical Report For**  
**Water Quality Protection**

**Sample ID:** 2199 296

**Date Collected:** 08/20/2014 11:00:00 AM

**Lab Sample ID:** I2014025650

**Status:** Completed

**Name of Sample Collector:** Paul A Jardel

**Date Received:**

**County:** NOT INDICATED

**State:**

**Municipality:** NOT INDICATED

**Sample Medium:** Water

**Sample Medium Type:** Water

**Location:** NOT INDICATED

**Reason:** Routine Sampling

**Project:** NOT INDICATED

**Standard Analysis:** 103

**Matrix:** Water

Field Tests		
Dissolved Oxygen	3.0	MG/L
Temperature	19.1	C
pH	7.1	pH units
Specific Conductance	276	umhos/cm

**Stream Condition:**

**Analytical Report For  
Water Quality Protection**

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**Status:** Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
01105H ALUMINUM, TOTAL (WATER & WASTE) ICPMS	9020.000 UG/L	09/08/2014 01:12 PM	MOBERCASH	EPA 200.8
** Comment ** Analyzed by another method				
Result obtained using EPA Method 200.7 Batch: AUG27M-14				
01097H ANTIMONY, TOTAL (WATER &WASTE) BY ICPMS	<20.000 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01002H ARSENIC, TOTAL (WATER & WASTE) BY ICPMS	61.100 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01007H BARIUM, TOTAL (WATER & WASTE) BY ICPMS	615.000 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01012H BERYLLIUM, TOTAL (WATER & WASTE) BY ICPMS	<1.0 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01027H CADMIUM, TOTAL (WATER & WASTE) BY ICPMS	<0.2 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
00916A CALCIUM, TOTAL (WATER & WASTE) BY ICP	34.500 MG/L	08/27/2014 08:35 AM	MOBERCASH	EPA 200.7
01034H CHROMIUM, TOTAL (WATER & WASTE) BY ICPMS	<4 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01037H COBALT, TOTAL (WATER & WASTE) BY ICP	8.0 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01042H COPPER, TOTAL (WATER & WASTE) BY ICPMS	44.100 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01045A IRON, TOTAL (WATER & WASTE) BY ICP	255000.000 UG/L	08/27/2014 08:35 AM	MOBERCASH	EPA 200.7
01051H LEAD, TOTAL (WATER & WASTE) BY ICPMS	32.700 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
00927A MAGNESIUM, TOTAL (WATER & WASTE) BY ICP	13.100 MG/L	08/27/2014 08:35 AM	MOBERCASH	EPA 200.7
** Comment ** Currently not certified for non-potable water				
01055A MANGANESE, TOTAL (WATER & WASTE) BY ICP	4045.000 UG/L	08/27/2014 08:35 AM	MOBERCASH	EPA 200.7
71900I MERCURY, TOTAL	<.2 UG/L	08/22/2014 07:45 AM	LOJEDA	EPA 245.1
01067H NICKEL, TOTAL (WATER & WASTE) BY ICPMS	19.300 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
00937A POTASSIUM, TOTAL (WATER & WASTE) BY ICP *	2.998 MG/L	08/27/2014 08:35 AM	MOBERCASH	EPA 200.7
01147H SELENIUM, TOTAL (WATER & WASTE) BY ICPMS	<7 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01077H SILVER, TOTAL (WATER & WASTE) BY ICPMS	<.40 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
00929A SODIUM, TOTAL (WATER & WASTE) BY ICP	18.000 MG/L	08/27/2014 08:35 AM	MOBERCASH	EPA 200.7
01059H THALLIUM, TOTAL (WATER & WASTE) BY ICPMS	<2 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01087H VANADIUM, TOTAL (WATER & WASTE) BY ICPMS	17.400 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8
01092H ZINC, TOTAL (WATER & WASTE) BY ICPMS	172.000 UG/L	09/08/2014 01:12 PM	DSOLENBERG	EPA 200.8

The results of the analyses provided in this laboratory report relate only to the sample(s) identified therein. Unless otherwise noted, the results presented on this laboratory report meet all requirements of the 2009 TNI standard. Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.

\* denotes tests that the laboratory is not accredited for

\*\* Laboratory is accredited by NJ NELAP, parameter not offered by PA LAP

Taru Upadhyay, Technical Director, Bureau of Laboratories