



Date of Issue: 12/04/2019 04:04:40

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
Environmental Cleanup**

Sample ID: 0128 003

Date Collected: 10/30/2019 10:15:00 AM

Lab Sample ID: I2019026996

Status: Completed

Name of Sample Collector: Dennis J Low

Date Received: 10/31/2019

County: York

State:

Municipality: Newberry Twp

1100 OLD TRAIL ROAD

ETTERS PA. 17319

Sample Medium: Water

Sample Medium Type: Water

Location: NOT INDICATED

Reason: Routine Sampling

Project: NOT INDICATED

Standard Analysis: 707

Matrix: Water

Field Tests		
pH	6.19	pH units
Temperature	13.7	C
Dissolved Oxygen	3.46	mg/L
Specific Conductance	466	umhos/cm

Stream Condition:

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Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
00410M ALKALINITY AS CaCO3 @ pH 3.9	89.6 mg/L	10/31/2019 11:16 AM	MTUZINSKI	SM 2320B
01106A ALUMINUM, DISSOLVED (WATER & WASTE) BY ICP	<300. ug/L (U)	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
01105A ALUMINUM, TOTAL (WATER & WASTE) BY ICP	763.00 ug/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00915A CALCIUM, DISSOLVED (WATER & WASTE) BY ICP	63.71 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00916A CALCIUM, TOTAL (WATER & WASTE) BY ICP	64.610 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
01046A IRON, DISSOLVED (WATER & WASTE) BY ICP	<100. ug/L (U)	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
01045A IRON, TOTAL (WATER & WASTE) BY ICP	441.00 ug/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00925A MAGNESIUM, DISSOLVED (WATER & WASTE) BY ICP	6.29 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00927A MAGNESIUM, TOTAL (WATER & WASTE) BY ICP	6.42 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
01056A MANGANESE, DISSOLVED (WATER & WASTE) BY ICP	19.00 ug/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
01055A MANGANESE, TOTAL (WATER & WASTE) BY ICP	73.00 ug/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00403M pH Reported with 3.9 alk	6.5 pH units	10/31/2019 11:16 AM	MTUZINSKI	SM 4500-H+ B
** Comment ** Holding Time Exceeded				
00935A POTASSIUM, DISSOLVED WATER & WASTE) BY ICP	1.179 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00937A POTASSIUM, TOTAL (WATER & WASTE) BY ICP	1.29 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00955A SILICA, DISSOLVED (WATER & WASTE) BY ICP	13.80 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00956A SILICA, TOTAL (WATER & WASTE) BY ICP*	16.44 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00930A SODIUM, DISSOLVED (WATER & WASTE) BY ICP	15.15 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00929A SODIUM, TOTAL (WATER & WASTE) BY ICP	15.32 mg/L	11/01/2019 12:16 PM	ATAPSOBA	EPA 200.7
00095 SPECIFIC CONDUCTIVITY @ 25.0 C	460.00 umhos/cm	11/05/2019 02:42 PM	MTUZINSKI	SM 2510B
00403T Temperature at which pH is measured	20.87 C	10/31/2019 11:16 AM	MTUZINSKI	SM 4500-H+ B
70508 Total Acidity as CaCO3 @ pH 8.3	-75.40 mg/L	10/31/2019 12:03 PM	JANJOHN	SM 2310B
00940A Total Chloride-Colorimetric	55.6 mg/L	11/07/2019 02:02 AM	JANBARRY	SM 4500-CL- E
** Comment ** Currently not certified for drinking water				
00951 Total Fluoride-Ion Chromatograph	<0.20 mg/L (U)	10/31/2019 12:20 PM	FVODOPIVEC	EPA 300.0
00620A Total Nitrate Nitrogen-Colorimetric	8.41 mg/L	10/31/2019 04:27 PM	TBEAR	EPA 353.2
00945A Total Sulfate-Colorimetric	30.5 mg/L	11/13/2019 01:51 PM	LHREHA	EPA 375.2
00530 TOTAL SUSPENDED SOLIDS	6 mg/L	10/31/2019 03:25 PM	MOBERCASH	USGS I-3765
01090A ZINC, DISSOLVED (WATER & WASTE) BY ICP	51.000 ug/L	11/06/2019 11:08 AM	ATAPSOBA	EPA 200.7
ANSWER RECHECKED BY ANALYST				
01092A ZINC, TOTAL (WATER & WASTE) BY ICP	36.00 ug/L	11/06/2019 11:03 AM	ATAPSOBA	EPA 200.7
ANSWER RECHECKED BY ANALYST				

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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

U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

Taru Upadhyay, Technical Director, Bureau of Laboratories