

Date of Issue: 05/02/2014 04:09:06

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

Contact Phone Number: (717) 346-7200

Analytical Report For Mining And Reclamation

 Sample ID:
 0523 094
 Date Collected:
 04/10/2014 11:30:00 AM
 Lab Sample ID:
 12014009875
 Status:
 Completed

Name of Sample Collector: Gregory Prentice

Date Received:

County: Greene State: PA

Municipality: Jefferson Twp

Sample Medium: Surface Water

Sample Medium Type: Water

Location: (1-TM) 10 Mile Creek Upstream of Clyde AMD Treatment Plant

Reason: Complaint

Project: NOT INDICATED

Standard Anlysis: 755

Matrix: Water

Stream Condition:

Sample Standard Comment: Time Limit For Test Exceeded

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
00410M ALKALINITY REPORTED @ pH 3.9	136.0 MG/L	04/11/2014 06:08 PM	SSPUHLER	SM 2320B
01105A ALUMINUM, TOTAL (WATER & WASTE) BY ICP	<200 UG/L	04/16/2014 10:11 AM	MOBERCASH	EPA 200.7
71870 BROMIDE BY ION CHROMATOGRAPHY	<0.2 MG/L	04/16/2014 12:00 AM	FVODOPIVEC	EPA 300.0
01045A IRON, TOTAL (WATER & WASTE) BY ICP	211.000 UG/L	04/16/2014 10:11 AM	MOBERCASH	EPA 200.7

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Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
01055A MANGANESE, TOTAL (WATER & WASTE) BY ICP	35.000 UG/L	04/16/2014 10:11 AM	MOBERCASH	EPA 200.7
82550 OSMOTIC PRESSURE, MOS/KG	4 MOSM	04/11/2014 12:45 PM	KMCMULLEN	BOL BOL
00403M pH Reported with 3.9 alk	8.3 pH units	04/11/2014 06:08 PM	SSPUHLER	SM 4500H-B
** Comment ** Time Limit For Test Exceeded				
01147H SELENIUM, TOTAL (WATER & WASTE) BY ICPMS	<7 UG/L	04/16/2014 03:33 PM	DSOLENBERG	EPA 200.8
00929A SODIUM, TOTAL (WATER & WASTE) BY ICP	18.400 MG/L	04/16/2014 10:11 AM	MOBERCASH	EPA 200.7
01082A STRONTIUM, TOTAL (WATER & WASTE) BY ICP *	260.000 UG/L	04/16/2014 10:11 AM	MOBERCASH	EPA 200.7
70508 Total Acidity	-103.40 MG/L	04/14/2014 03:17 PM	TVOROBEYCH	SM 2310B
00940A Total Chloride-Colorimetric	17.9 MG/L	04/15/2014 09:05 PM	CRADEK	SM 4500-CL E
70300U TOTAL DISSOLVED SOLIDS @ 180C BY USGS-I-1750	226 MG/L	04/11/2014 12:00 AM	LWILKINSON	USGS I-1750
00945A Total Sulfate-Colorimetric	85.9 MG/L	04/23/2014 11:56 PM	LHREHA	EPA 375.2
00530 TOTAL SUSPENDED SOLIDS	20 MG/L	04/11/2014 12:00 AM	LWILKINSON	USGS I-3765

The results of the analyses provided in this laboratory report relate only to the sample(s) identified in the report. Unless otherwise noted, the results presented on this laboratory report meet all the requirements of the 2009 TNI standards. Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report. Tests noted with an "*" are not included in our NJ NELAP Annual Certified Parameter List.

Taru Upadhyay, Technical Director, Bureau of Laboratories