

Date of Issue: 06/24/2009 08:46:52  
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  
Land Recycling & Waste Management

Sample ID: 1611 025 05/27/2009 Status: COMPLETED

Name of Sample Collector: Bryon A Miller  
Date Sample was Collected: 05/27/2009 11:45:00 AM

County: Washington State: PA  
Municipality: Hopewell Twp

PA -

Facility/Permit ID: 125-23165 FIX ID: 705743  
Facility: CROSS CREEK COUNTY PARK 14H

Sample Medium: Water  
Sample Medium Type: Pit Water

Location: Pooled water under 6 inch line leak  
Reason: Fish Kill

Line leak - brine/wastewater - this sample taken at pooled wastewater  
below line leak at coupler  
N40 14' 54.1" W80 22' 44.5''

Appearance: Rusty disolor

Field Tests

pH 6.72 pH unit

Laboratory Sample ID: I2009019001 COMPLETED  
Standard Analysis: 942

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 NELAP Institute (NAB). Sample condition: Sample was in acceptable condition when received by the laboratory. Any exceptions are noted in the report.

Technical Director, Bureau of Laboratories

Analytical Report FOR  
Land Recycling & Waste Management

Sample ID: 1611 025 05/27/2009

Status: COMPLETED

| Test Codes/CAS# - Description<br>Approver Test Method | Reported Results                    | Date Analyzed |
|---|-------------------------------------|---------------|
| 00929A SODIUM T                                       | 9790.000 MG/L                       |               |
| 06/02/2009 12:39 PM MOBERCASH                         | EPA 200.                            |               |
| 00937A POTASSIUM T                                    | 79.700 MG/L                         |               |
| 06/01/2009 09:55 AM MOBERCASH                         | EPA 200.                            |               |
| 01045A IRON T   | 788.000 UG/L                        |               |
| 06/01/2009 12:28 PM MOBERCASH                         | EPA 200.                            |               |
| 00916A CALCIUM T                                      | 3910.000 MG/L                       |               |
| 06/01/2009 12:28 PM MOBERCASH                         | EPA 200.                            |               |
| 01007A BARIUM T                                       | 16100.000 UG/L                      |               |
| 06/01/2009 12:28 PM MOBERCASH                         | EPA 200.                            |               |
| 01055A MANGANESE T                                    | 22100.000 UG/L                      |               |
| 06/01/2009 12:28 PM MOBERCASH                         | EPA 200.                            |               |
| 00515 TDS @105 C                                      | 51158. MG/L                         |               |
| 05/29/2009 03:24 PM JKAROL                            | USGS I-1                            |               |
| 01082A STRONTIUM T                                    | 341000.000 UG/L                     |               |
| 06/03/2009 01:41 PM MOBERCASH                         | EPA 200.                            |               |
| 00410 ALKALINITY                                      | 95.4 MG/L                           |               |
| 06/01/2009 04:22 PM SHUTCHISO                         | SM 2320B                            |               |
| ** Comment **   | Alkalinity Measured to Endpoint 4.5 |               |
| 00095 SPC @ 25.0 C                                    | 62200.00 umhos/cm                   |               |
| 05/28/2009 05:22 PM SHUTCHISO                         | SM 2510B                            |               |
| 00403 pH  | 7.2 pH units                        |               |
| 06/01/2009 02:36 PM SHUTCHISO                         | SM 4500H                            |               |
| ** Comment **   | Time Limit For Test Exceeded        |               |
| 00900 Hardness T                                      | 11308 MG/L                          |               |
| 06/01/2009 12:28 PM MOBERCASH                         | SM 2340                             |               |
| 00940A CHLORIDE                                       | 26249.0 MG/L                        |               |
| 06/23/2009 08:00 AM CRADEK                            | SM 4500-                            |               |
| 00927A MAGNESIUM T                                    | 372.000 MG/L                        |               |
| 06/01/2009 12:28 PM MOBERCASH                         | EPA 200.                            |               |

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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 NELAC Institute (TNI). Sample condition: Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.

Taru Upadhyay, Technical Director, Bureau of Laboratories