



Date of Issue: 11/02/2016 04:04:36

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

Sample ID: 2367 281

Date Collected: 10/11/2016 12:03:00 PM

Lab Sample ID: I2016032048

Status: Completed

Analytical Report For  
Bureau Of Investigations

Name of Sample Collector: Tony Martinelli

Date Received: 10/12/2016

County: Somerset

Municipality: Elk Lick Twp

State:

Sample Medium: Soil  
Sample Medium Type: Soil

Location: N end of site  
Reason: Investigation  
Project: NOT INDICATED  
Standard Analysis: 245  
Matrix: Soil

Legal Seal: I074136 Intact: Yes

Stream Condition:

Appearance: gray blk gritty soil

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
80002K ACID DIGESTION / ICP ANALYSIS	0.0 Each	10/14/2016 09:17 AM	SCHOY	EPA 3051
79741E ARSENIC AS AS MG/L TCLP	<.04 MG/L	10/17/2016 12:00 AM	SCHOY	EPA 6020
46903K2 Arsenic, MG/KG Dry Wt Basis	12.600 MG/KG	10/20/2016 11:09 AM	SCHOY	EPA 6020
79733E BARIUM AS BA MG/L TCLP	<.50 MG/L	10/17/2016 12:00 AM	SCHOY	EPA 6020

Analytical Report For  
Bureau Of Investigations

Sample ID: 2367 281      Date Collected: 10/11/2016 12:03:00 PM      Lab Sample ID: 12016032048      Status: Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
46901K BARIUM, MG/KG DRY WT. BASIS	51.7 MG/KG	10/20/2016 11:09 AM	SCHOY	EPA 6010 C
** Comment ** Analyzed by another method				
Analyzed by EPA Method 6020.				
79734E CADMIUM AS CD MG/L TCLP	<01 MG/L	10/17/2016 12:00 AM	SCHOY	EPA 6020
46309K2 Cadmium, MG/KG Dry WT Basis	0.538 MG/KG	10/20/2016 11:09 AM	SCHOY	EPA 6020
79735E CHROMIUM AS CR MG/L TCLP	<04 MG/L	10/17/2016 12:00 AM	SCHOY	EPA 6020
46308K CHROMIUM, MG/KG DRY WT. BASIS	8.61 MG/KG	10/20/2016 11:09 AM	SCHOY	EPA 6010 C
** Comment ** Analyzed by another method				
Analyzed by EPA Method 6020.				
79736E LEAD AS PB MG/L TCLP	.631 MG/L	10/17/2016 12:00 AM	SCHOY	EPA 6020
46258K2 Lead, MG/KG Dry WT Basis	19.200 MG/KG	10/20/2016 11:09 AM	SCHOY	EPA 6020
79729E MERCURY AS HG MG/L TCLP	<001 MG/L	10/19/2016 10:59 AM	LOJEDA	EPA 7470 A
46259K MERCURY, MG/KG DRY WT. BASIS	<0.108 MG/KG	10/19/2016 10:58 AM	LOJEDA	EPA 7471B
40005K PERCENT MOISTURE IN SOIL	10.67 %	10/14/2016 09:17 AM	LOJEDA	ASTM D3987-06
40006K PERCENT SOLID CONTENT	89.33 %	10/14/2016 09:17 AM	LOJEDA	ASTM D3987-06
40004K Sample Weight, g	0.5200 GRAMS	10/14/2016 09:17 AM	SCHOY	EPA 3051
79737E SELENIUM AS SE MG/L TCLP	<07 MG/L	10/17/2016 12:00 AM	SCHOY	EPA 6020
46904K2 Selenium, MG/KG Dry WT Basis	<3.770 MG/KG	10/20/2016 11:09 AM	SCHOY	EPA 6020
79738E SILVER AS AG MG/L TCLP	<01 MG/L	10/17/2016 12:00 AM	SCHOY	EPA 6020
46902K2 Silver, MG/KG Dry WT Basis	<0.538 MG/KG	10/20/2016 11:09 AM	SCHOY	EPA 6020
90008X TCLP Extraction Fluid	1	10/17/2016 12:00 AM	JOWERNIER	EPA 1311
90008F TCLP Metal Extraction Final ph	4.770 pH units	10/17/2016 12:00 AM	JOWERNIER	EPA 1311
90008I TCLP Metal Extraction Initial ph	5.410 pH units	10/17/2016 12:00 AM	JOWERNIER	EPA 1311
90003 TCLP SW846 METHOD 1311	0	10/17/2016 12:00 AM	JOWERNIER	EPA 1311

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

Tanu Upadhyay, Technical Director, Bureau of Laboratories