

Received 11-2-10-
Ralph Well

Date of Issue: 10/09/2012 09:10:15
PAGE 1 of 2
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

SEEP

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 7551 018

Status: Completed

Name of Sample Collector: Richard R Thomas
Date Sample was Collected: 09/13/2012

County: NOT INDICATED
Municipality: NOT INDICATED

State:

Sample Medium :
Sample Medium Type:

Location: NOT INDICATED
Reason: Complaint

Laboratory Sample ID: I2012027946
Completed
Standard Analysis: 942

Legal Seal: H021662 Intact: YES
Legal Seal: H021663 Intact: YES

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 7551 018

Status: Completed

And Time	Test Codes/CAS# - Description			Date
Analyzed	Analyst	Test Method	Reported Results	
01007A	BARIUM T		377.000 UG/L	
09/17/2012 08:51 AM	MOBERCASH	EPA 200.7		
00916A	CALCIUM T		203.000 MG/L	
09/17/2012 08:51 AM	MOBERCASH	EPA 200.7		
01045A	IRON T		1948.000 UG/L	
09/17/2012 08:51 AM	MOBERCASH	EPA 200.7		
70300U	TDS180 -USGS		2436 MG/L	
09/14/2012 12:00 AM	LWILKINSONUSGS	I-1750		
00929A	SODIUM T		460.000 MG/L	
09/17/2012 08:51 AM	MOBERCASH	EPA 200.7		
00940A	CHLORIDE		1048.0 MG/L	
09/28/2012 06:02 AM	CRADEK	SM 4500-CL		
00900	Hardness T		738 MG/L	
09/17/2012 08:51 AM	MOBERCASH	SM 2340 B		
00403	pH		8.2 pH units	
09/14/2012 06:24 PM	WIMOWERY	SM 4500H-B		
** Comment ** Time Limit For Test Exceeded				
00095	SPC @ 25.0 C		3810.00 umhos/cm	
09/14/2012 02:08 PM	WIMOWERY	SM 2510B		
00410	ALKALINITY		126.2 MG/L	
09/14/2012 06:24 PM	WIMOWERY	SM 2320B		
00937A	POTASSIUM T		12.600 MG/L	
09/17/2012 08:51 AM	MOBERCASH	EPA 200.7		
01055A	MANGANESE T		1548.000 UG/L	
09/17/2012 08:51 AM	MOBERCASH	EPA 200.7		
01082A	STRONTIUM T*		23500.000 UG/L	
09/17/2012 08:51 AM	MOBERCASH	EPA 200.7		
00927A	MAGNESIUM T		56.000 MG/L	
09/17/2012 08:51 AM	MOBERCASH	EPA 200.7		

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 was in acceptable condition when