

Date of Issue: 01/28/2009 11:54:05
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg , PA 17105-1467

PAGE 1

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 108 01/13/2009 Status: COMPLETED

Name of Sample Collector: Michael O'Donnell
Date Sample was Collected: 01/13/2009 09:00:00 AM

County: Susquehanna State: PA
Municipality: Dimock Twp

MR BROWN
MONTROSE PA 18801-

Sample Medium: Water
Sample Medium Type: Ground Water

Location: NOT INDICATED
Reason: Complaint

Sample taken at homeowner's kitchen sink. Water was run until pump kicked on and several minutes had passed.

Appearance: Sample appears clear.

Laboratory Sample ID: O2009000166 COMPLETED
Suite: METH

Legal Seal: G039210 Intact: YES

(continued)

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Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 108 01/13/2009 Status: COMPLETED

Test/Codes CAS# - Description Approver Test Method	Reported Results	Date Approved
74828 Methane MMINNICK	321 UG/L	01/15/2009
74851 Ethene MMINNICK	19.8 UG/L (U)	01/15/2009
74840 Ethane MMINNICK	19.8 UG/L (U)	01/15/2009
74986 Propane MMINNICK	19.8 UG/L (U)	01/15/2009

(continued)

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Sample ID: 4530 108 01/13/2009 Status: COMPLETED

The results of the analyses provided in this laboratory report relate only
to the sample(s) identified in the report.

Taru Upadhyay, Technical Director, Bureau of Laboratories

End of Report

(continued)

ORGANICS LABORATORY QUALIFIERS

- U - Indicates compound was analyzed for but not detected. The sample quantitation limit is reported.
- J - Indicates an estimated value, below the quantification limit, but above the method detection limit.
- N - Indicates presumptive evidence of a compound.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- P - This flag is used with a target analyte when there is greater than a 25% difference between the results obtained from the primary and confirmation columns for dual column analysis methods. (ie, pesticides, triazines, PCB's, etc). The reported value is the average of the two results.
- Q - This flag identifies the average of multiple results from multiple analysis, or the average of the averages of dual column analysis methods.
- (Underline) - The compound is present at the amount reported. No flag.
- X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

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PAGE 1

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 109 01/13/2009 Status: IN PROCESS

Name of Sample Collector: Michael O'Donnell
Date Sample was Collected: 01/13/2009 09:45:00 AM

County: Susquehanna State: PA
Municipality: Dimock Twp

MR BROWN
MONTROSE PA 18801-

Sample Medium: Water
Sample Medium Type: Ground Water

Location: NOT INDICATED
Reason: Complaint

Sample taken at homeowner's kitchen sink. Water was run until pump
kicked on and several minutes had passed.

Appearance: Sample appears clear.

Laboratory Sample ID: I2009001433
Standard Analysis: 942

IN PROCESS

Legal seal# G039211, G039212 intact.

(continued)

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Analytical Report FOR
 Oil And Gas Mgmt

Sample ID: 4530 109 01/13/2009 Status: IN PROCESS

Test/Codes CAS# - Description Approver Test Method	Reported Results	Date Approved
01082A STRONTIUM T RWHEELER EPA 200.7	1725.000 UG/L	01/15/2009
00927A MAGNESIUM T RWHEELER EPA 200.7	6.798 MG/L	01/15/2009
01055A MANGANESE T RWHEELER EPA 200.7	<10.00 UG/L	01/15/2009
01007A BARIUM T RWHEELER EPA 200.7	231.000 UG/L	01/15/2009
00916A CALCIUM T RWHEELER EPA 200.7	34.200 MG/L	01/15/2009
01045A IRON T RWHEELER EPA 200.7	24.000 UG/L	01/15/2009
00515 TDS @105 C JKAROL USGS I-1749	170. MG/L	01/21/2009
00929A SODIUM T RWHEELER EPA 200.7	9.440 MG/L	01/15/2009
00900 Hardness T RWHEELER SM 2340 B	114 MG/L	01/15/2009
00403 pH SHUTCHISON SM 4500H-B	7.9 pH units	01/20/2009
** Comment ** Time Limit For Test Exceeded		
00095 SPC @ 25.0 C SHUTCHISON SM 2510B	266.00 umhos/cm	01/15/2009
00410 ALKALINITY SHUTCHISON SM 2320B	112.8 MG/L	01/20/2009
** Comment ** Alkalinity Measured to Endpoint 4.5		
00937A POTASSIUM T RWHEELER EPA 200.7	1.594 MG/L	01/15/2009

(continued)

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