

Date of Issue: 12/30/2008 00:30:01
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
Water Supply Management

Sample ID: 1236 015 12/16/2008 Status: COMPLETED

Name of Sample Collector: Len Shebby
Date Sample was Collected: 12/16/2008

County: Susquehanna State: PA
Municipality: Dimock Twp

HUBERT
CARTER RD
DIMMOCK PA 18816-

Sample Medium: Water
Sample Medium Type: Ground Water

Location: NOT INDICATED
Reason: Routine Sampling

complaint

Appearance: fine

Field Tests

Temperature	53	C
pH	7.1	pH unit
Chlorine - Free	0	MG/L

(continued)

Date of Issue: 12/30/2008 00:30:01
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
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PAGE 2

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Water Supply Management

Sample ID: 1236 015 12/16/2008 Status: COMPLETED

Laboratory Sample ID: B2008015057 Date Received: 12/17/2008 COMPLETED
Standard Analysis: B001

Legal Seal: F042381 Intact: YES

Test/Codes CAS# - Description	Reported Results	Date Approved
Approver Test Method		
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31501 COLIFORM FIL	1 /100ML	12/22/2008
JBABICZ SM 9222B		

(continued)

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DEP Bureau Of Laboratories - Harrisburg
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Analytical Report FOR
Water Supply Management

Sample ID: 1236 015 12/16/2008 Status: COMPLETED

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to the sample(s) identified in the report.

Taru Upadhyay, Technical Director, Bureau of Laboratories

End of Report

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DEP Bureau Of Laboratories - Harrisburg
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PAGE 1

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Water Supply Management

Sample ID: 1236 017 12/16/2008 Status: COMPLETED

Name of Sample Collector: Len Shebby
Date Sample was Collected: 12/16/2008

County: Susquehanna State: PA
Municipality: Dimock Twp

HUBERT
CARTER RD
DIMMOCK PA 18816-

Sample Medium: Water
Sample Medium Type: Ground Water

Location: NOT INDICATED
Reason: Routine Sampling

complaint

Appearance: fine

Field Tests

Temperature	53	C
pH	7.1	pH unit
Chlorine - Free	0	MG/L

(continued)

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Analytical Report FOR
 Water Supply Management

Sample ID: 1236 017 12/16/2008 Status: COMPLETED

Laboratory Sample ID: I2008044794 COMPLETED
 Standard Analysis: 161

Legal Seal: F042384 Intact: YES
 Legal Seal: F042385 Intact: YES

Test/Codes CAS# - Description Approver Test Method	Reported Results	Date Approved
71900I MERCURY T LOJEDA EPA 245.1	<.2 UG/L	12/18/2008
82079A TURBIDITY TVOROBAYCH EPA 180.1	2.23 NTU	12/18/2008
** Comment ** Duplicate values are not within acceptable range		
00615A NITRITE-N AMCANENY EPA 353.2	0.04 MG/L	12/24/2008
00620A Nitrate-N AMCANENY EPA 353.2	0.37 MG/L	12/24/2008
01147H SELENIUM T DSOLENBERG EPA 200.8	<7 UG/L	12/17/2008
01059H THALLIUM T DSOLENBERG EPA 200.8	<2 UG/L	12/17/2008
01067A NICKEL T MOBERCASH EPA 200.7	<50 UG/L	12/18/2008
01027H CADMIUM T DSOLENBERG EPA 200.8	<0.2 UG/L	12/17/2008
01034H CHROMIUM T DSOLENBERG EPA 200.8	<4 UG/L	12/17/2008
01097H ANTIMONY T DSOLENBERG EPA 200.8	<2.00 UG/L	12/17/2008
01007A BARIUM T MOBERCASH EPA 200.7	196.000 UG/L	12/18/2008
01012A BERYLLIUM T MOBERCASH EPA 200.7	<1.0 UG/L	12/18/2008
01002H ARSENIC T DSOLENBERG EPA 200.8	<3.0 UG/L	12/17/2008

(continued)

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Analytical Report FOR
Water Supply Management

Sample ID: 1236 017 12/16/2008 Status: COMPLETED

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PAGE 1

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Water Supply Management

Sample ID: 1236 016 12/16/2008 Status: COMPLETED

Name of Sample Collector: Len Shebby
Date Sample was Collected: 12/16/2008

County: Susquehanna State: PA
Municipality: Dimock Twp

HUBERT
CARTER RD
DIMMOCK PA 18816-

Sample Medium: Water
Sample Medium Type: Ground Water

Location: NOT INDICATED
Reason: Routine Sampling

complaint

Appearance: fine

Field Tests

Temperature	53	C
pH	7.1	pH unit
Iron	0	MG/L

(continued)

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DEP Bureau Of Laboratories - Harrisburg
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PAGE 2

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Water Supply Management

Sample ID: 1236 016 12/16/2008 Status: COMPLETED

Laboratory Sample ID: I2008044793 COMPLETED
Standard Analysis: 160

Legal Seal: F042382 Intact: YES
Legal Seal: F042383 Intact: YES

Test/Codes CAS# - Description	Reported Results	Date Approved
Approver Test Method		
00940 CHLORIDE -IC	5.19 MG/L	12/18/2008
FVODOPIVEC EPA 300.0		
00945 SULFATE - IC	12.20 MG/L	12/18/2008
FVODOPIVEC EPA 300.0		
01042H COPPER T	25.600 UG/L	12/17/2008
DSOLENBERG EPA 200.8		
01105H ALUMINUM T	<10 UG/L	12/17/2008
DSOLENBERG EPA 200.8		
00927A MAGNESIUM T	5.700 MG/L	12/18/2008
MOBERCASH EPA 200.7		
00515 TDS @105 C	162. MG/L	12/24/2008
LWILKINSON USGS I-1749		
01045A IRON T	772.000 UG/L	12/18/2008
MOBERCASH EPA 200.7		
00929A SODIUM T	16.600 MG/L	12/18/2008
MOBERCASH EPA 200.7		
01092A ZINC T	46.000 UG/L	12/18/2008
MOBERCASH EPA 200.7		
00080 COLOR	<5 PT/C	12/18/2008
TVOROBAYCH SM 2120B		
00403 pH	8.1 pH units	12/23/2008
SHUTCHISON SM 4500H-B		
** Comment **	Time Limit For Test Exceeded	
01055A MANGANESE T	18.000 UG/L	12/18/2008
MOBERCASH EPA 200.7		

(continued)

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Analytical Report FOR
Water Supply Management

Sample ID: 1236 016 12/16/2008 Status: COMPLETED

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Taru Upadhyay, Technical Director, Bureau of Laboratories

End of Report

SERVICES

GAS MIGRATION INVESTIGATION
~~STEEL MILL~~ WATER
HUBERT

Hubert	12/16/2008	12/16/2008	MCL
	WSM	WSM	
	SAC 160	SAC 161	
pH	8.1		6.5-8.5
Coliform(fecal)	0/100mL		
TSS			
TDS	162		500
SPC			
Alkalinity			
Hardness			
Na	16.6		
Ca			
Chloride	5.19		250
Fe	0.772		0.3
Mg	5.7		
K			
Ba		0.196	2
Al	<0.010		0.2
Mn	0.018		0.05
Sr			
Hg		<0.0002	
Turbidity		2.23 NTU	
Nitrite-N		0.04	
Nitrate-N		0.37	
Se		<0.007	
Tl		<0.002	
Ni		<0.050	
Cd		<0.0002	
Cr		<0.004	
Sb		<0.002	
Be		<0.001	
As		<0.003	
Sulfate	12.2		
Cu	0.0256		
Zn	0.046		
Color	<5 PT/C		

Hubert	12/16/2008	12/16/2008	MCL
	WSM	WSM	
	SAC 160	SAC 161	
pH	8.1		6.5-8.5
Coliform(fecal)	0/100mL		
TSS			
TDS	162		500
SPC			
Alkalinity			
Hardness			
Na	16.6		
Ca			
Chloride	5.19		250
Fe	0.772		0.3
Mg	5.7		
K			
Ba		0.196	2
Al	<0.010		0.2
Mn	0.018		0.05
Sr			
Hg		<0.0002	
Turbidity		2.23 NTU	
Nitrite-N		0.04	
Nitrate-N		0.37	
Se		<0.007	
Tl		<0.002	
Ni		<0.050	
Cd		<0.0002	
Cr		<0.004	
Sb		<0.002	
Be		<0.001	
As		<0.003	
Sulfate	12.2		
Cu	0.0256		
Zn	0.046		
Color	<5 PT/C		

Date of Issue: 01/28/2009 11:52:55
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
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Harrisburg , PA 17105-1467

PAGE 1

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 114 01/18/2009 Status: COMPLETED

Name of Sample Collector: Michael O'Donnell
Date Sample was Collected: 01/18/2009 01:50:00 PM

County: Susquehanna State: PA
Municipality: Dimock Twp

HUBERT
P.O. BOX 111
CARTER RD
DIMOCK PA 18816-

Sample Medium: Water
Sample Medium Type: Ground Water

Location: NOT INDICATED
Reason: Complaint

Water taken from homeowner's kitchen sink. Water was run for several minutes after the well pump kicked on. Water pressure decreased to 0 after water ran for several minutes. Homeowner believes the well is 250' deep. Pressure tank and well are in a pit outside of the home.

Appearance: Water appears clear

(continued)

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DEP Bureau Of Laboratories - Harrisburg
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PAGE 2

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 114 01/18/2009 Status: COMPLETED

Laboratory Sample ID: O2009000254 COMPLETED
Suite: METH

Legal Seal: G039224 Intact: YES

Test/Codes CAS# - Description	Reported Results	Date Approved
Approver Test Method		
74828 Methane	42700 UG/L	01/23/2009
MMINNICK		
74851 Ethene	19.8 UG/L (U)	01/23/2009
MMINNICK		
74840 Ethane	2730 UG/L (Q)	01/23/2009
MMINNICK		
74986 Propane	126 UG/L (Q)	01/23/2009
MMINNICK		

(continued)

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Analytical Report FOR
Oil And Gas Mgmt

Sample ID: 4530 114 01/18/2009 Status: COMPLETED

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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.