ORIGINAL RED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

SUBJECT: Toxicological Review of HW08A Data — 12 March 2012
Dimock, PA

FROM: Dawn A. Ioven, toxicologist
Technical Support Branch (3HS41)

TO: Rich Fetzer, OSC
Eastern Response Branch (3HS31)

On 25 January 2012, U.S. EPA collected water samples from HW08A in Dimock. The samples were analyzed for over 200 constituents, including volatile organic compounds, semi-volatile compounds, metals and bacteria. The analytical results were then validated and compared to risk-based screening levels and/or standards for public drinking water supplies.

In HW08A, the only finding of interest was a total coliform count of 54 cfu/100 mL. The purpose of analyzing for total coliform is to indicate the potential presence of fecal coliform, which is an illness-causing member of the coliform family. However, in HW08A, no fecal coliform was observed in the collected samples.

Overall, no constituents were detected at levels of concern in this well. Based on the data, no unacceptable risk is anticipated from consumption or household use of water from HW08A.

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PFE

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northeastern environmental laboratories, inc.

1620 north main avenue • scranton, pennsylvania 18508 • ph.: 570-348-0775 • fax: 570-347-4139
PADEP Lab No: 35-00302 www.neolaboratories.com • neenvironmental@epix.net

Report Date: 07/28/08

Client: **T.S. CALKINS & ASSOCIATES, INC.**
OIL AND GAS PROPERTIES
PO BOX 198 / 9 FORMAN STREET
BRADFORD, PA 16701

Sample Location: Ex. 6 - Personal Privacy

Sample Description: WELL WATER
Sample Date: 07/09/08
Sample Time: 1340
Sample Type: GRAB
Sample Collector: FARNHAM & ASSOCIATES / DF

LABORATORY ANALYTICAL RESULTS

Parameter:	Analytical Method	Analysis Date	Lab. Tech	Detection Limit	UNITS	RESULTS
pH*	SM 4500 H+B	07/09/08	DF	0.1	SU	6.1
TEMPERATURE***	SM 2550	07/09/08	DF	0.1	°C	14.4
FECAL COLIFORM	SM 9222 D	07/10/08	JB	1	cfu /100ml	0
TOTAL SUSPENDED SOLIDS	I376585	07/11/08	JP	5	mg/L	<5
TOTAL DISSOLVED SOLIDS	SM 2540C	07/10/08	KL	5	mg/L	89
CHLORIDE	4110B	07/23/08	LP	0.1	mg/L	5.3
IRON	200.7	07/15/08	JD	0.005	mg/L	<0.005
MAGNESIUM	200.7	07/15/08	JD	0.05	mg/L	4.88
SULFIDE	376.2	07/16/08	TC	1.00	mg/L	<1.00
SURFACTANTS	425.1	07/17/08	CD	0.20	mg/L	<0.20
OIL & GREASE	1664A	07/16/08	CD	5	mg/L	<5
MTBE	8260B	07/12/08	RH	0.0005	mg/L	<0.0005
BENZENE	8260B	07/12/08	RH	0.0005	mg/L	<0.0005
ETHYLBENZENE	8260B	07/12/08	RH	0.0005	mg/L	<0.0005
TOLUENE	8260B	07/12/08	RH	0.0005	mg/L	<0.0005
TOTAL XYLENES	8260B	07/12/08	RH	0.0005	mg/L	<0.0005

Sample Comments :

Field Notes : LEL (Lower Explosive Limit) monitoring performed with QRAE 027 LEL Monitor.

Results : No HC (Hydrocarbons) detected

Reviewed by: _____

environmental management specialists

JUL-31-2008 15:33 From:FARNHAM & ASSOCIATES 5705583478 To:814 3639389 P.6/7