

Date of Issue: 06/06/2009 00:30:02
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 Quality Protection

Sample ID: 0202 040 06/01/2009 Status: COMPLETED

Name of Sample Collector: John Murphy
Date Sample was Collected: 06/01/2009 12:50:00 PM

County: Allegheny State: PA
Municipality: McKeesport

Location: South end of Lake Emilie by spillway.
Reason: Routine Sampling

Laboratory Sample ID: O2009004044 COMPLETED
Suite: VOA-1

Test/Codes CAS# - Description	Reported Results	Date Approved
Approver Test Method		
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75650 t-Butyl alcohol	5.0 UG/L (U)	06/04/2009
BLUTTENBER EPA 524.2		
75014 Chloroethene (vinyl chloride)	0.50 UG/L (U)	06/04/2009
BLUTTENBER		
10061015 cis-1,3-Dichloropropene	0.50 UG/L (U)	06/04/2009
BLUTTENBER		
103651 n-Propylbenzene	0.50 UG/L (U)	06/04/2009
BLUTTENBER		
106467 1,4-Dichlorobenzene	0.50 UG/L (U)	06/04/2009
BLUTTENBER		
108054 Vinyl Acetate	0.50 UG/L (U)	06/04/2009
BLUTTENBER		
108883 Toluene	0.50 UG/L (U)	06/04/2009
BLUTTENBER		
120821 1,2,4-Trichlorobenzene	0.50 UG/L (U)	06/04/2009
BLUTTENBER		
75150 Carbon Disulfide	0.50 UG/L (U)	06/04/2009
BLUTTENBER		
75694 Trichlorofluoromethane	0.50 UG/L (U)	06/04/2009
BLUTTENBER		

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79005 1,1,2-Trichloroethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
124481 Dibromochloromethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
87683 Hexachlorobutadiene BLUTTENBER	0.50 UG/L (U)	06/04/2009
91203 Naphthalene BLUTTENBER	0.50 UG/L (U)	06/04/2009
95476 o-Xylene BLUTTENBER	0.50 UG/L (U)	06/04/2009
87616 1,2,3-Trichlorobenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
95501 1,2-Dichlorobenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
71432 Benzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
56235 Carbon Tetrachloride BLUTTENBER	0.50 UG/L (U)	06/04/2009
1634044 Methyl Tert-Butyl Ether BLUTTENBER	0.50 UG/L (U)	06/04/2009
100425 Styrene BLUTTENBER	5.0 UG/L (U)	06/04/2009
10061026 trans-1,3-Dichloropropene BLUTTENBER	0.50 UG/L (U)	06/04/2009
104518 n-Butylbenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
108861 Bromobenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
108907 Chlorobenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
109999 Tetrahydrofuran BLUTTENBER	2.0 UG/L (U)	06/04/2009
591786 2-Hexanone BLUTTENBER	2.5 UG/L (U)	06/04/2009
630206 1,1,1,2-Tetrachloroethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
67663 Chloroform BLUTTENBER	0.50 UG/L (U)	06/04/2009

74953 BLUTTENBER	Dibromomethane	0.50 UG/L (U)	06/04/2009
75252 BLUTTENBER	Bromoform	0.50 UG/L (U)	06/04/2009
75354 BLUTTENBER	1,1-Dichloroethene	0.50 UG/L (U)	06/04/2009
75718 BLUTTENBER	Dichlorodifluoromethane	0.50 UG/L (U)	06/04/2009

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156592 cis-1,2-Dichloroethene BLUTTENBER	0.50 UG/L (U)	06/04/2009
108678 1,3,5-Trimethylbenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
594207 2,2-Dichloropropane BLUTTENBER	0.50 UG/L (U)	06/04/2009
67641 Acetone BLUTTENBER	2.5 UG/L (U)	06/04/2009
75274 Bromodichloromethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
79345 1,1,2,2-Tetrachloroethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
96184 1,2,3-Trichloropropane BLUTTENBER	0.50 UG/L (U)	06/04/2009
99876 4-Isopropyltoluene BLUTTENBER	0.50 UG/L (U)	06/04/2009
95498 o-Chlorotoluene BLUTTENBER	0.50 UG/L (U)	06/04/2009
541731 1,3-Dichlorobenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
106934 1,2-Dibromoethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
98566 PCTFB BLUTTENBER	0.50 UG/L (U)	06/04/2009
95636 1,2,4-Trimethylbenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
96128 1,2-Dibromo-3-chloropropane BLUTTENBER	0.50 UG/L (U)	06/04/2009
100414 Ethylbenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
106434 p-Chlorotoluene BLUTTENBER	0.50 UG/L (U)	06/04/2009
108101 MIBK BLUTTENBER	2.5 UG/L (U)	06/04/2009
108383 m/p-Xylene BLUTTENBER	1.0 UG/L (U)	06/04/2009
127184 Tetrachloroethene BLUTTENBER	0.50 UG/L (U)	06/04/2009

135988 BLUTTENBER	Sec-Butylbenzene	0.50 UG/L (U)	06/04/2009
142289 BLUTTENBER	1,3-Dichloropropane	0.50 UG/L (U)	06/04/2009
156605 BLUTTENBER	trans-1,2-Dichloroethene	0.50 UG/L (U)	06/04/2009
563586 BLUTTENBER	1,1-Dichloropropene	0.50 UG/L (U)	06/04/2009

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71556 1,1,1-Trichloroethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
74839 Bromomethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
74873 Chloromethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
75003 Chloroethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
75092 Methylene Chloride BLUTTENBER	0.50 UG/L (U)	06/04/2009
75343 1,1-Dichloroethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
78875 1,2-Dichloropropane BLUTTENBER	0.50 UG/L (U)	06/04/2009
78933 MEK BLUTTENBER	2.5 UG/L (U)	06/04/2009
79016 Trichloroethene BLUTTENBER	0.50 UG/L (U)	06/04/2009
98066 Tert-Butylbenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
98828 Isopropylbenzene BLUTTENBER	0.50 UG/L (U)	06/04/2009
107062 1,2-Dichloroethane BLUTTENBER	0.50 UG/L (U)	06/04/2009
540885 tert-Butyl Acetate BLUTTENBER	5.0 UG/L (U)	06/04/2009

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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

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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.