

Date of Issue: 06/22/2009 07:58:31
DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg , PA 17105-1467

PAGE 1 of 4

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: 02009004044 COMPLETED
Suite: VOA-1

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
540885 tert-Butyl Acetate	5.0 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75650 t-Butyl alcohol	5.0 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
107062 1,2-Dichloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
98828 Isopropylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
98066 Tert-Butylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
79016 Trichloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
78933 MEK	2.5 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
78875 1,2-Dichloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75343 1,1-Dichloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75092 Methylene Chloride	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75003 Chloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
74873 Chloromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
74839 Bromomethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
71556 1,1,1-Trichloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
563586 1,1-Dichloropropene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
156605 trans-1,2-Dichloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
142289 1,3-Dichloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
135988 Sec-Butylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 040 06/01/2009

Status: COMPLETED

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
127184 Tetrachloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
108383 m/p-Xylene	1.0 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
108101 MIBK	2.5 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
106434 p-Chlorotoluene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
100414 Ethylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
96128 1,2-Dibromo-3-chloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
95636 1,2,4-Trimethylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
98566 PCTFB	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
106934 1,2-Dibromoethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
541731 1,3-Dichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
95498 o-Chlorotoluene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
99876 4-Isopropyltoluene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
96184 1,2,3-Trichloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
79345 1,1,2,2-Tetrachloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75274 Bromodichloromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
67641 Acetone	2.5 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
594207 2,2-Dichloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
108678 1,3,5-Trimethylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
156592 cis-1,2-Dichloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75718 Dichlorodifluoromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75354 1,1-Dichloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75252 Bromoform	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
74953 Dibromomethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
67663 Chloroform	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
630206 1,1,1,2-Tetrachloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
591786 2-Hexanone	2.5 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
109999 Tetrahydrofuran	2.0 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
108907 Chlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
108861 Bromobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
104518 n-Butylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
10061026 trans-1,3-Dichloropropene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
100425 Styrene	5.0 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
1634044 Methyl Tert-Butyl Ether	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
56235 Carbon Tetrachloride	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
71432 Benzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
95501 1,2-Dichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
87616 1,2,3-Trichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 040 06/01/2009

Status: COMPLETED

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
95476 o-Xylene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
91203 Naphthalene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
87683 Hexachlorobutadiene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
124481 Dibromochloromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
79005 1,1,2-Trichloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75694 Trichlorofluoromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75150 Carbon Disulfide	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
120821 1,2,4-Trichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
108883 Toluene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
108054 Vinyl Acetate	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
106467 1,4-Dichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
103651 n-Propylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
10061015 cis-1,3-Dichloropropene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75014 Chloroethene (vinyl chlorid	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624

 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 condition: Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.

Taru Upadhyay, Technical Director, Bureau of Laboratories

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 040 06/01/2009

Status: COMPLETED

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.

Date of Issue: 06/22/2009 07:57:28
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 039 06/01/2009 Status: COMPLETED

Name of Sample Collector: John Murphy
Date Sample was Collected: 06/01/2009 12:35:00 PM

County: Allegheny State: PA
Municipality: McKeesport

Location: North end of Lake Emilie
Reason: Routine Sampling

Field Tests

Temperature 20.5 C
Dissolved Oxygen 14.0 MG/L
Chlorine 0.08 MG/L

Laboratory Sample ID: O2009004048 COMPLETED
Suite: VOA-1

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
540885 tert-Butyl Acetate	5.0 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
75650 t-Butyl alcohol	5.0 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
107062 1,2-Dichloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
98828 Isopropylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
98066 Tert-Butylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
79016 Trichloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
78933 MEK	2.5 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
78875 1,2-Dichloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
75343 1,1-Dichloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
75092 Methylene Chloride	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
75003 Chloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
74873 Chloromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
74839 Bromomethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 039 06/01/2009

Status: COMPLETED

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
71556 1,1,1-Trichloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
563586 1,1-Dichloropropene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
156605 trans-1,2-Dichloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
142289 1,3-Dichloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
135988 Sec-Butylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
127184 Tetrachloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
108383 m/p-Xylene	1.0 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
108101 MIBK	2.5 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
106434 p-Chlorotoluene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
100414 Ethylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
96128 1,2-Dibromo-3-chloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
95636 1,2,4-Trimethylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
98566 PCTFB	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
106934 1,2-Dibromoethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
541731 1,3-Dichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
95498 o-Chlorotoluene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
99876 4-Isopropyltoluene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
96184 1,2,3-Trichloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
79345 1,1,2,2-Tetrachloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
75274 Bromodichloromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
67641 Acetone	2.5 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
594207 2,2-Dichloropropane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
108678 1,3,5-Trimethylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
156592 cis-1,2-Dichloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
75718 Dichlorodifluoromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
75354 1,1-Dichloroethene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
75252 Bromoform	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
74953 Dibromomethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
67663 Chloroform	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
630206 1,1,1,2-Tetrachloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
591786 2-Hexanone	2.5 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
109999 Tetrahydrofuran	2.0 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
108907 Chlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
108861 Bromobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
104518 n-Butylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
10061026 trans-1,3-Dichloropropene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624
100425 Styrene	5.0 UG/L (U)	06/03/2009 12:00 AM	BLITTENBE	EPA 624

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 039 06/01/2009

Status: COMPLETED

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
1634044 Methyl Tert-Butyl Ether	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
56235 Carbon Tetrachloride	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
71432 Benzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
95501 1,2-Dichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
87616 1,2,3-Trichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
95476 o-Xylene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
91203 Naphthalene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
87683 Hexachlorobutadiene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
124481 Dibromochloromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
79005 1,1,2-Trichloroethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75694 Trichlorofluoromethane	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75150 Carbon Disulfide	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
120821 1,2,4-Trichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
108883 Toluene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
108054 Vinyl Acetate	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
106467 1,4-Dichlorobenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
103651 n-Propylbenzene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
10061015 cis-1,3-Dichloropropene	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624
75014 Chloroethene (vinyl chlorid	0.50 UG/L (U)	06/03/2009 12:00 AM	BLUTTENBE	EPA 624

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Taru Upadhyay, Technical Director, Bureau of Laboratories

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 039 06/01/2009

Status: COMPLETED

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.
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- 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.

Date of Issue: 06/22/2009 07:58:31
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: IN PROCESS

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: I2009019821
Standard Analysis: 295

IN PROCESS

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
01092A ZINC T	<10.0 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00530V T SUSP SOLID	9 MG/L	06/08/2009 10:07 AM	JKAROL	USGS I-3
01067A NICKEL T	<50 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00929A SODIUM T	107.000 MG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00937A POTASSIUM T	3.670 MG/L	06/03/2009 10:57 AM	MOBERCASH	EPA 200.
01045A IRON T	280.000 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01037A COBALT T	<50 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01027A CADMIUM T	<10.0 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00916A CALCIUM T	57.600 MG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01012A BERYLLIUM T	<1.0 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01007A BARIUM T	41.000 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01105A ALUMINUM T	224.000 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01077A SILVER T	<10 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01055A MANGANESE T	298.000 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00927A MAGNESIUM T	11.900 MG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01042A COPPER T	<10 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01034A CHROMIUM T	<50 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01097H ANTIMONY T	<2.00 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 040 06/01/2009

Status: IN PROCESS

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
01051H LEAD T	<1.0 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.
01002H ARSENIC T	<3.0 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.
01059H THALLIUM T	<2 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.
01147H SELENIUM T	<7 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.
00625A TOT KJELD N	<1.00 MG/L	06/17/2009 08:31 AM	AMOLNAR	EPA 351.
00610A AMMONIA-N T	<.02 MG/L	06/19/2009 08:00 AM	CRADEK	EPA 350.
00620A Nitrate-N	1.69 MG/L	06/03/2009 08:53 AM	AMCANENY	EPA 353.
00615A NITRITE-N	0.04 MG/L	06/03/2009 08:53 AM	AMCANENY	EPA 353.
71900I MERCURY T	<.2 UG/L	06/05/2009 01:02 PM	LOJEDA	EPA 245.
00314 BOD5 INHIB	5.00 MG/L	06/15/2009 08:44 AM	JRONEMUS	SM 5210B
Standard out of range. Results may be biased low.				
01087A VANADIUM T	<20 UG/L	06/03/2009 11:43 AM	MOBERCASH	EPA 200.

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Taru Upadhyay, Technical Director, Bureau of Laboratories

Laboratory Sample ID: B2009004330 Date Received: 06/02/2009 COMPLETED
Standard Analysis: B002

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
31616 FECAL COL	440 /100ML	06/02/2009 11:12 AM	CBUTKLEWI	SM 9222D

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 040 06/01/2009

Status: COMPLETED

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Taru Upadhyay, Technical Director, Bureau of Laboratories

Date of Issue: 06/22/2009 07:57:28
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 039 06/01/2009 Status: IN PROCESS

Name of Sample Collector: John Murphy
Date Sample was Collected: 06/01/2009 12:35:00 PM

County: Allegheny State: PA
Municipality: McKeesport

Location: North end of Lake Emilie
Reason: Routine Sampling

Field Tests

Temperature 20.5 C
Dissolved Oxygen 14.0 MG/L
Chlorine 0.08 MG/L

Laboratory Sample ID: I2009019807 IN PROCESS
Standard Analysis: 295

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
01092A ZINC T	<10.0 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00530V T SUSP SOLID	6 MG/L	06/08/2009 10:06 AM	JKAROL	USGS I-3
01067A NICKEL T	<50 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00929A SODIUM T	106.000 MG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00937A POTASSIUM T	3.820 MG/L	06/03/2009 10:28 AM	MOBERCASH	EPA 200.
01045A IRON T	338.000 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01037A COBALT T	<50 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01027A CADMIUM T	<10.0 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00916A CALCIUM T	58.500 MG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01012A BERYLLIUM T	<1.0 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01007A BARIUM T	42.000 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01105A ALUMINUM T	268.000 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01077A SILVER T	<10 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 039 06/01/2009

Status: IN PROCESS

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
01055A MANGANESE T	290.000 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
00927A MAGNESIUM T	11.900 MG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01042A COPPER T	<10 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01034A CHROMIUM T	<50 UG/L	06/03/2009 11:29 AM	MOBERCASH	EPA 200.
01097H ANTIMONY T	<2.00 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.
01051H LEAD T	<1.0 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.
01002H ARSENIC T	<3.0 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.
01059H THALLIUM T	<2 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.
01147H SELENIUM T	<7 UG/L	06/08/2009 08:26 AM	DSOLENBER	EPA 200.
00625A TOT KJELD N	<1.00 MG/L	06/17/2009 08:31 AM	AMOLNAR	EPA 351.
00610A AMMONIA-N T	0.05 MG/L	06/19/2009 08:00 AM	CRADEK	EPA 350.
00620A Nitrate-N	1.72 MG/L	06/12/2009 03:12 PM	AMCANENY	EPA 353.
00615A NITRITE-N	0.04 MG/L	06/03/2009 08:53 AM	AMCANENY	EPA 353.
71900I MERCURY T	<.2 UG/L	06/05/2009 01:02 PM	LOJEDA	EPA 245.
00314 BOD5 INHIB	2.00 MG/L	06/15/2009 08:44 AM	JRONEMUS	SM 5210B
Standard out of range. Results may be biased low.				
01087A VANADIUM T	<20 UG/L	06/03/2009 11:43 AM	MOBERCASH	EPA 200.

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Taru Upadhyay, Technical Director, Bureau of Laboratories

Laboratory Sample ID: B2009004329 Date Received: 06/02/2009 COMPLETED
 Standard Analysis: B002

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
31616 FECAL COL	1200 /100ML	06/02/2009 11:12 AM	CBUTKIEWI	SM 9222D

Analytical Report FOR
Water Quality Protection

Sample ID: 0202 039 06/01/2009

Status: COMPLETED

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Taru Upadhyay, Technical Director, Bureau of Laboratories

Date of Issue: 06/22/2009 07:58:31
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: B2009004330 Date Received: 06/02/2009 COMPLETED
Standard Analysis: B002

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
31616 FECAL COL	440 /100ML	06/02/2009 11:12 AM	CBUTKIEWI	SM 9222D

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Taru Upadhyay, Technical Director, Bureau of Laboratories

Date of Issue: 06/22/2009 07:57:28
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 039 06/01/2009 Status: COMPLETED

Name of Sample Collector: John Murphy
Date Sample was Collected: 06/01/2009 12:35:00 PM

County: Allegheny State: PA
Municipality: McKeesport

Location: North end of Lake Emilie
Reason: Routine Sampling

Field Tests

Temperature 20.5 C
Dissolved Oxygen 14.0 MG/L
Chlorine 0.08 MG/L

Laboratory Sample ID: B2009004329 Date Received: 06/02/2009 COMPLETED
Standard Analysis: B002

Test Codes/CAS# - Description	Reported Results	Date Analyzed	Approver	Test Method
31616 FECAL COL	1200 /100ML	06/02/2009 11:12 AM	CBUTKIEWI	SM 9222D

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 condition: Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.

Taru Upadhyay, Technical Director, Bureau of Laboratories
