DCC

Send Report To:

Send Report To:
MDE/WMA
Water Supply Program
1800 Washington Blvd.
Baltimore, MD 21230

023-0008-01

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry

Organics Analytical Laboratory

201 W. Preston Street, Baltimore, Maryland 21201
John M. DeBoy, Dr. P.H., Director

023-0008 (01)

3 yrs. - continue

LF

LABORATORY ANALYSIS REQUEST FORM

Bottle No: _____ **Plant/Site Name:** St. Martin's **County:** Wor

Location: WTP **Sample Source:** Pokomoke Rd (Street) Berlin (Town or City)

Collector/ID: Kelly Bas 048718 **Phone #:** 410 548-6200

County	System No.	PWSID	Plant No.	Date Collected	Time Collected
023	0008	0230008	01	9/20/12	10:15 am/pm

Field Data: pH 7.2 Free Cl .19 Total Cl .38

Sample Type: ☑ Drinking Water ☐ Private ☑ Community ☐ Non-Community ☐ Landfill ☐ Stream ☐ Soil/Sediment ☐ Source (Raw Water) ☐ Distribution (Treated) ☑ Water Treatment Plant POE ☐ Oil ☐ Solid _____ ☐ Other _____

Specify Program: ☑ SDWA ☐ NPDES ☐ CWA ☐ RCRA ☐ CERCLA ☐ Consumer Product ☐ Other _____

* Bromomethane & Chloromethane - 1st detects

Test Requested	Field Blank / Trip Blank	Preservative Used	Comment
☑ Method **504.1** (EDB/DBCP)	☑ Yes ☐ No ☐ Yes ☑ No	☑ Sodium thiosulfate	
☐ Method **508** (Aroclors/SCAN only)	☐ Yes ☐ No ☐ Yes ☐ No	☐ Sodium thiosulfate	
☑ Method **515.1** (Herbicides)	☐ Yes ☑ No ☐ Yes ☑ No	☐ Sodium thiosulfate ☑ Sodium sulfite	
☑ Method **525.2** (Pesticides)	☐ Yes ☑ No ☐ Yes ☑ No	☑ HCl ☑ Sodium sulfite	
☑ Method **531.2** (Carbamates)	☐ Yes ☐ No ☐ Yes ☐ No	☑ Potassium citrate monobasic ☑ Sodium thiosulfate	
☐ Method **552.2** (Haloacetic acids)	☐ Yes ☐ No ☐ Yes ☐ No	☐ Ammonium chloride	
☐ Method **8270** (Semi-volatile organics) ☐ Pesticides ☐ Aroclors	☐ Yes ☐ No ☐ Yes ☐ No	☐ Sodium thiosulfate	
☑ Method **524.2** (Volatile organics) ☑ Volatiles ☐ THMs	☑ Yes ☐ No ☑ Yes ☐ No	☑ 1:1 HCl + Ascorbic acid ☐ Sodium thiosulfate	
☐ Method **8260** (Volatile organics)	☐ Yes ☐ No ☐ Yes ☐ No	☐ 1:1 HCl + Ascorbic acid	

E13001510001
Received: 09/21/2012 EPA 504.1
Pesticides 023-0008-01

E13001510002
Received: 09/21/2012 EPA 504.1
Pesticides FB 023-0008-0

E13001511001
Received: 09/21/2012 EPA 515.4
Pesticides 023-0008-01

E13001512001
Received: 09/21/2012 EPA 525.2
Pesticides 023-0008-01

E13001513001
Received: 09/21/2012 EPA 531.2
Pesticides 023-0008-01

State of Maryland
DHMH-Laboratories Administration
Division of Environmental Chemistry
ORGANICS ANALYTICAL LABORATORY
201 W. Preston Street, Baltimore, Maryland 21201
Robert Myers, Ph.D., Director

Certificate of Analysis

MDE WATER QUAL MONITORING PROG
416 CHINQUAPIN ROUND ROAD
ANNAPOLIS, MD 21401

Lab. No: E13001514001

Method: EPA 524.2 VOCs and THMs

Date Received: 09/21/2012
Field ID: 023-0008-01

Date Collected: 09/20/2012
Submitted By: CATHY

Date Analyzed: 09/27/2012

Contaminant	DL	MCL	Result
REGULATED			
1,1,1-Trichloroethane	0.5	200	ND
1,1,2-Trichloroethane	0.5	5	ND
1,1-Dichloroethene	0.5	7	ND
1,2,4-Trichlorobenzene	0.5	70	ND
1,2-Dichlorobenzene	0.5	600	ND
1,2-Dichloroethane	0.5	5	ND
1,2-Dichloropropane	0.5	5	ND
1,4-Dichlorobenzene	0.5	75	ND
Benzene	0.5	5	ND
Carbon Tetrachloride	0.5	5	ND
Chlorobenzene	0.5	100	ND
cis-1,2-Dichloroethene	0.5	70	ND
Ethylbenzene	0.5	700	ND
m+p-Xylene	1.0		ND
Methylene Chloride	0.5	5	ND
o-Xylene	0.5		ND
Styrene	0.5	100	ND
Tetrachloroethene	0.5	5	ND
Toluene	0.5	1000	ND
Total Xylenes	1.5	10000	ND
trans-1,2-Dichloroethene	0.5	100	ND
Trichloroethene	0.5	5	ND
Vinyl Chloride	0.5	2	ND
TRIHALOMETHANES			
Bromodichloromethane	0.5		ND
Bromoform	0.5		ND
Chloroform	0.5		1.88
Dibromochloromethane	0.5		ND
TOTAL THMs		80	1.88
UNREGULATED			
1,1,1,2-Tetrachloroethane	0.5		ND
1,1,2,2-Tetrachloroethane	0.5		ND
1,1-Dichloroethane	0.5		ND
1,1-Dichloropropene	0.5		ND
1,2,3-Trichlorobenzene	0.5		ND
1,2,3-Trichloropropane	0.5		ND
1,2,4-Trimethylbenzene	0.5		ND
1,2-Dibromo-3-Chloropropane	0.5		ND
1,2-Dibromoethane	0.5		ND
1,3,5-Trimethylbenzene	0.5		ND
1,3-Dichlorobenzene	0.5		ND
1,3-Dichloropropane	0.5		ND
2,2-Dichloropropane	0.5		ND

Contaminant	DL	MCL	Result
2-Chlorotoluene	0.5		ND
4-Chlorotoluene	0.5		ND
Bromobenzene	0.5		ND
Bromochloromethane	0.5		ND
Bromomethane	0.5		0.74
Chloroethane	0.5		ND
Chloromethane	0.5		2.46
cis-1,3-Dichloropropene	0.5		ND
Dibromomethane	0.5		ND
Dichlorodifluoromethane	0.5		ND
Ethyl-tert-Butyl Ether (ETBE)	0.5		ND
Hexachlorobutadiene	0.5		ND
Isopropylbenzene	0.5		ND
Methyl-tert-Butyl Ether (MTBE)	0.5		ND
Naphthalene	0.5		ND
n-Butylbenzene	0.5		ND
n-Propylbenzene	0.5		ND
p-Isopropyltoluene	0.5		ND
sec-Butylbenzene	0.5		ND
tert-Amyl Methyl Ether (TAME)	0.5		ND
tert-Butylbenzene	0.5		ND
trans-1,3-Dichloropropene	0.5		ND
Trichlorofluoromethane	0.5		ND

Comments:

Approved by: Sadia Mirza

Approval date: 10/01/2012

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***All results are in parts per billion ppb); ND = Less than the detection level; na = not applicable; e = estimate**

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