

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
DRINKING WATER LABORATORY**

USEPA Region V Drinking Water Cert. No. MI00003  
P.O. Box 30270  
Lansing, MI 48909  
TEL: (517) 335-8184  
FAX: (517) 335-8562



**Sample Number  
LF76486**

Official Laboratory Report

Report To: CITY OF MARYSVILLE  
1535 RIVER RD  
MARYSVILLE MI 48040

System Name/Owner: CITY OF MARYSVILLE  
Collection Address: 1535 RIVER RD, MARYSVILLE  
Collected By: YOUNG  
Township/Well#/Section: //  
County: St Clair  
Sample Point: PLANT TAP  
Water System: Pressure Tank/Plant Tap

WSSN/Pool ID: 4160  
Source: TYPE I  
Site Code: TP100  
Collector: Public Water Supply Operator  
Date Collected: 08/05/2015 08:25  
Date Received: 08/06/2015 11:11  
Purpose: Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Chloride	9	08/06/2015	4		SM 4500-CI E	7647-14-5
Cyanide-Available	Not Detected	08/10/2015	0.02	0.2	OIA-1677	57-12-5
Fluoride	0.35	08/06/2015	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	99	08/06/2015	20		SM 2340 C	HARD-00-C
Iron (automated)	Not detected	08/06/2015	0.1		SM 3500 FeB	7439-89-6
Nitrate as N	Not Detected	08/06/2015	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	08/06/2015	0.05	1	10-107-04-2-B	14797-65-0
Sodium (automated)	7	08/06/2015	5		SM 3500 NaB	7440-23-5
Sulfate	16	08/06/2015	10		SM 4500 SO4E	14808-79-8
Total Organic Carbon	1.12	08/07/2015	0.5		SM 5310C	TOC-00-C

**Volatile Organic Compounds**

1,1 Dichloroethane	Not Detected	08/09/2015	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	08/09/2015	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	08/09/2015	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	08/09/2015	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	08/09/2015	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	08/09/2015	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	08/09/2015	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	08/09/2015	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	08/09/2015	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	08/09/2015	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	08/09/2015	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	08/09/2015	0.0005	0.07	EPA 524.2	120-82-1

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CFU : Colony Forming Unit

Laboratory Contacts  
Drinking Water Unit Mgr: Julia Pieper  
Systems Mgmt. Unit Mgr: George Krisztian

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Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
<b>Volatile Organic Compounds</b>						
1,2,4 Trimethylbenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	08/09/2015	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	08/09/2015	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	08/09/2015	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	08/09/2015	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	08/09/2015	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	0.0075	08/09/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	08/09/2015	0.0005	0.080	EPA 524.2	75-25-2
Bromomethane	Not Detected	08/09/2015	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	08/09/2015	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	08/09/2015	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	0.0034	08/09/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	08/09/2015	0.0005		EPA 524.2	75-00-3
Chloroform	0.014	08/09/2015	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	08/09/2015	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	08/09/2015	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	08/09/2015	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	08/09/2015	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	08/09/2015	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	08/09/2015	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	08/09/2015	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	08/09/2015	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	08/09/2015	0.0005		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	08/09/2015	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	08/09/2015	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	08/09/2015	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	08/09/2015	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	08/09/2015	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	104-51-8
n-Propylbenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	08/09/2015	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	08/09/2015	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	08/09/2015	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	08/09/2015	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	135-98-8

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**Sample Number  
LF76486**



TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
<b>Volatile Organic Compounds</b>						
Styrene	Not Detected	08/09/2015	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	08/09/2015	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	08/09/2015	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	08/09/2015	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	08/09/2015	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	0.025	08/09/2015	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	08/09/2015	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	08/09/2015	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	08/09/2015	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	08/09/2015	0.0005	0.005	EPA 524.2	79-01-6
Vinyl chloride	Not Detected	08/09/2015	0.0005	0.002	EPA 524.2	75-01-4

The analyses performed by the MDEQ Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

**Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below:**

**St. Clair County Health Dept.  
3415 28th St.  
Port Huron, MI 48060  
810 987-5306**

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**Sample Number  
LF76488**

Official Laboratory Report

Report To: CITY OF MARYSVILLE  
1535 RIVER RD  
MARYSVILLE MI 48040

System Name/Owner:	CITY OF MARYSVILLE	WSSN/Pool ID:	4160
Collection Address:	499 S RANGE RD TCH CENTER, MARYSVILLE	Source:	TYPE I
Collected By:	BARBE	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	08/05/2015 11:05
Sample Point:	KITCHEN FAUCET	Date Received:	08/06/2015 11:11
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #

**Dalapon and Haloacetic**

Bromoacetic acid	Not Detected	08/07/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	Not Detected	08/07/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	08/07/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	08/07/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	Not Detected	08/07/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.002	08/07/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.007	08/07/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.005	08/07/2015	0.001		EPA 552.1/552.2	76-03-9

**Total Trihalomethanes**

Bromodichloromethane	0.010	08/09/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	TRACE	08/09/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0045	08/09/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.027	08/09/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0415	08/09/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

Additional volatile organic compound(s) were detected. For quantitation and confirmation request analysis for CXVO.

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CFU : Colony Forming Unit

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Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #

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**Sample Number  
LF76489**

Official Laboratory Report

Report To: CITY OF MARYSVILLE  
1535 RIVER RD  
MARYSVILLE MI 48040

System Name/Owner:	CITY OF MARYSVILLE	WSSN/Pool ID:	4160
Collection Address:	300 DAVIS RD BTM, MARYSVILLE	Source:	TYPE I
Collected By:	BARBE	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	08/05/2015 13:20
Sample Point:	KITCHEN FAUCET	Date Received:	08/06/2015 11:12
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
<b>Dalapon and Haloacetic</b>						
Bromoacetic acid	Not Detected	08/07/2015	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	0.001	08/07/2015	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	08/07/2015	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	08/07/2015	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	Not Detected	08/07/2015	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.003	08/07/2015	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.007	08/07/2015	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.004	08/07/2015	0.001		EPA 552.1/552.2	76-03-9
<b>Total Trihalomethanes</b>						
Bromodichloromethane	0.0097	08/09/2015	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	08/09/2015	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0042	08/09/2015	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.025	08/09/2015	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0389	08/09/2015	0.0005	0.080	EPA 524.2	TTHM-00-C

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