

**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
LF32578**

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:	YOUNG	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	08/12/2014 12:00
Sample Point:	KITCHEN FAUCET	Date Received:	08/13/2014 13:57
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	08/15/2014	0.001		EPA 552.1/552.2	79-08-3
Bromochloroacetic acid	Not Detected	08/15/2014	0.001		EPA 552.1/552.2	5589-96-3
Chloroacetic acid	Not Detected	08/15/2014	0.002		EPA 552.1/552.2	79-11-8
Dalapon	Not Detected	08/15/2014	0.001	0.2	EPA 552.1/552.2	75-99-0
Dibromoacetic acid	Not Detected	08/15/2014	0.001		EPA 552.1/552.2	631-64-1
Dichloroacetic acid	0.004	08/15/2014	0.001		EPA 552.1/552.2	79-43-6
Total Haloacetic Acids (five)	0.009	08/15/2014	NA	0.060	EPA 552.1/552.2	THA-00-C
Trichloroacetic acid	0.005	08/15/2014	0.001		EPA 552.1/552.2	76-03-9
Total Trihalomethanes						
Bromodichloromethane	0.0080	08/15/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	08/15/2014	0.0005	0.080	EPA 524.2	75-25-2
Chlorodibromomethane	0.0031	08/15/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroform	0.019	08/15/2014	0.0005	0.080	EPA 524.2	67-66-3
Total Trihalomethanes	0.0301	08/15/2014	0.0005	0.080	EPA 524.2	TTHM-00-C

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**

CAS# : Chemical Abstract Service Registry Number	mg/L : milligrams / Liter (ppm)	Laboratory Contacts
MCL : Maximum Contaminant Level	ppm : parts per million	Drinking Water Unit Mgr: Julia Pieper
AL : Action Level	MPN : Most Probable Number	Systems Mgmt. Unit Mgr: George Krisztian
RL : Reporting Limit	CFU : Colony Forming Unit	

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1535 RIVER RD
MARYSVILLE MI 48040

System Name/Owner:	CITY OF MARYSVILLE	WSSN/Pool ID:	4160
Collection Address:	1535 RIVER RD, MARYSVILLE	Source:	TYPE I
Collected By:	CHRIS BERDON	Site Code:	TP100
Township/Well#/Section:	//	Collector:	Public Water Supply Operator
County:	St Clair	Date Collected:	08/12/2014 08:40
Sample Point:	PLANT TAP	Date Received:	08/13/2014 13:58
Water System:	Pressure Tank/Plant Tap	Purpose:	Routine Monitoring

TESTING INFORMATION			REGULATORY INFORMATION			
Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Antimony	Not detected	08/14/2014	0.0006	0.006	EPA 200.8	7440-36-0
Arsenic	Not detected	08/14/2014	0.002	0.010	EPA 200.8	7440-38-2
Barium	0.01	08/14/2014	0.01	2	EPA 200.8	7440-39-3
Beryllium	Not detected	08/14/2014	0.0004	0.004	EPA 200.8	7440-41-7
Cadmium	Not detected	08/14/2014	0.0003	0.005	EPA 200.8	7440-43-9
Chloride	11	08/13/2014	4		SM 4500-Cl E	7647-14-5
Chromium	Not detected	08/14/2014	0.01	0.1	EPA 200.8	7440-47-3
Cyanide-Available	Not Detected	08/19/2014	0.02	0.2	OIA-1677	57-12-5
Fluoride	0.56	08/13/2014	0.1	4.0	SM 4500 FC	16984-48-8
Hardness as CaCO3	122	08/13/2014	20		SM 2340 C	HARD-00-C
Iron (automated)	Not Detected	08/13/2014	0.1		SM 3500 FeB	7439-89-6
Lead	Not detected	08/14/2014	0.001	0.015	EPA 200.8	7439-92-1
Mercury	Not detected	08/14/2014	0.0001	0.002	EPA 200.8	7439-97-6
Nickel	Not detected	08/14/2014	0.01	0.1	EPA 200.8	7440-02-0
Nitrate as N	Not Detected	08/13/2014	0.4	10	10-107-04-2-B	14797-55-8
Nitrite as N	Not detected	08/13/2014	0.05	1	10-107-04-2-B	14797-65-0
Selenium	Not detected	08/14/2014	0.001	0.05	EPA 200.8	7782-49-2
Sodium (automated)	8	08/13/2014	5		SM 3500 NaB	7440-23-5
Sulfate	25	08/13/2014	10		SM 4500 SO4E	14808-79-8
Thallium	Not detected	08/14/2014	0.0002	0.002	EPA 200.8	7440-28-0

Volatile Organic Compounds

CAS# : Chemical Abstract Service Registry Number	mg/L : milligrams / Liter (ppm)	Laboratory Contacts
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Analyte Name	Result (mg/L)	Date Tested	RL (mg/L)	MCL/AL (mg/L)	Method	CAS #
Volatile Organic Compounds						
1,1 Dichloroethane	Not Detected	08/15/2014	0.0005		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	08/15/2014	0.0005	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	08/15/2014	0.0005		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	08/15/2014	0.0005	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	08/15/2014	0.0005		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	08/15/2014	0.0005	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	08/15/2014	0.0005		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	08/15/2014	0.0005	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	08/15/2014	0.0005	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	08/15/2014	0.0005	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	08/15/2014	0.0005		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	08/15/2014	0.0005	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	08/15/2014	0.0005		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	08/15/2014	0.0005	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	08/15/2014	0.0005		EPA 524.2	594-20-7
Benzene	Not Detected	08/15/2014	0.0005	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	08/15/2014	0.0005		EPA 524.2	74-97-5
Bromodichloromethane	0.0066	08/15/2014	0.0005	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	08/15/2014	0.0005	0.080	EPA 524.2	75-25-2
Bromomethane	Not Detected	08/15/2014	0.001		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	08/15/2014	0.0005	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	08/15/2014	0.0005	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	0.0028	08/15/2014	0.0005	0.080	EPA 524.2	124-48-1
Chloroethane	Not Detected	08/15/2014	0.0005		EPA 524.2	75-00-3
Chloroform	0.011	08/15/2014	0.0005	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	08/15/2014	0.0005		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	08/15/2014	0.0005	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	08/15/2014	0.0005		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	08/15/2014	0.0005		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	08/15/2014	0.001		EPA 524.2	75-71-8
Dichloromethane	Not Detected	08/15/2014	0.0006	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	08/15/2014	0.0005	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	08/15/2014	0.001		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	08/15/2014	0.0005		EPA 524.2	87-68-3

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Laboratory Contacts
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Systems Mgmt. Unit Mgr: George Krisztian

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Volatile Organic Compounds						
Isopropylbenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	08/15/2014	0.0005	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	08/15/2014	0.005		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	08/15/2014	0.005		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	08/15/2014	0.001		EPA 524.2	1634-04-4
Naphthalene	Not Detected	08/15/2014	0.0005		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	104-51-8
Nitrobenzene	Not Detected	08/15/2014	0.01		EPA 524.2	98-95-3
n-Propylbenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	08/15/2014	0.0005		EPA 524.2	95-49-8
o-Xylene	Not Detected	08/15/2014	0.0005	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	08/15/2014	0.0005		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	08/15/2014	0.0005		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	135-98-8
Styrene	Not Detected	08/15/2014	0.0005	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	08/15/2014	0.0005		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	08/15/2014	0.0005	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	08/15/2014	0.005		EPA 524.2	109-99-9
Toluene	Not Detected	08/15/2014	0.0005	1	EPA 524.2	108-88-3
Total Trihalomethanes	0.020	08/15/2014	NA	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	08/15/2014	NA	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	08/15/2014	0.0005	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	08/15/2014	0.0005		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	08/15/2014	0.0005	0.005	EPA 524.2	79-01-6
Vinyl chloride	Not Detected	08/15/2014	0.0004	0.002	EPA 524.2	75-01-4

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