



DEPARTMENT OF ENVIRONMENTAL QUALITY
LABORATORY SERVICES SECTION, DRINKING WATER LABORATORY
REQUISITION FOR WATER SAMPLE UNITS
By authority of PA 368, 1978

ORDER INFORMATION

Name			WSSN (public supply)	
Street Address		PO Box		Date
City	State	Zip Code	Area Code & Phone Number	

Orders may be e-mailed: **DEQ-RRD-DW-Bottles@michigan.gov**, telephoned: 517-335-8184, faxed: 517-335-8562, or mailed: Water Sample Unit Orders, Dept. of Environmental Quality, PO Box 30270, Lansing, MI 48909. Orders may be picked up at the lab with 24 hours notice.
You MUST call ahead to gain access to the lab complex.

When ordering Drinking Water sample units provide the following information: date of collection, quantity of bottles, unit number of sample bottles and number of sampling/shipping events.

The following units require cooler with ice packs for return shipment: 36AC, 36CN, 36CNA, 36HA, 36HB, 36LP, 36PT, 36TO, 36VO, 33, and 32 (for public supply monitoring).

For samples requiring a cooler - If you will not be returning all of the bottles in your order at one time, specify the number of sampling/shipping events so that the correct number of coolers can be sent with the bottles.

For samples not requiring a cooler - enter quantity of bottles that will be used within a 3 month time period.

Example orders are shown in table below. (Two coolers would be shipped with the second example.)

Date(s) of Collection	Quantity of Bottles	Unit #	# of Sampling Events		
1/1/15 - 3/31/15	12	30			
6/1/15 - 6/15/15	4	32, 36VO, 36HA	2		
6/1/15 - 6/6/15	3	36HB, 36LP, 36PT	1		

UNIT#	UNIT PURPOSE (preservatives - if any)	
30	Bacteriological Testing - (Sodium Thiosulfate tablet)	
30a	Bacteriological Testing - Six bottle carton (no individual mailing supplies included)	
30LT2	E coli testing for EPA LT2 Enhanced Surface Water Treatment Rule	
31	Bacteriological & Automated Partial Chemistry - 30 & 32 in one kit	
32	Automated Partial Chemistry	
33	Complete Minerals and Corrosion Control	
36AC	Ammonia Testing - (0.25mL 1+1 Sulfuric Acid)	
36CC	Lead & Copper Testing - First Draw	
36CN	Cyanide Testing, Unchlorinated Sources - (0.5mL 10N Sodium Hydroxide)	
36CNa	Cyanide Testing, Chlorinated Sources - (0.05g of Ascorbic Acid & 1 vial containing 10N Sodium Hydroxide)	
36HA	Dalapon & Haloacetic Acids Testing (0.025g ammonium chloride)	
36HB	Chlorinated Acid Herbicides - (0.0125g sodium sulfite)	
36LP	Carbamate Pesticides - (1.2g potassium dihydrogen citrate & 0.03g sodium thiosulfate)	
36ME	Metals, Except "first draw" lead copper samples requiring Unit 36CC	
36PT	Chlorinated Pesticides and Aromatic Compounds	
36TO	Total Organic Carbon - (2 drops of 1+1 Phosphoric Acid) 2 vials = 1 unit	
36VO	Volatile Organic Compounds - (0.025g Ascorbic Acid) 2 vials = 1 unit & 1 vial containing 1mL 1+1 Hydrochloric Acid Solution	
36VO-MEE	Methane, ethane, ethylene - 2 vials = 1 unit & 1 vial containing 1mL 1+1 Hydrochloric Acid Solution	
36VO-NP	1,4 Dioxane Testing - 2 vials = 1 unit & 1 vial containing 1mL 1+1 Hydrochloric Acid Solution	
36VOb	Trip blank - 14 Day Expiration - MADE TO ORDER - 2 vials = 1 unit	
37	Regulatory Monitoring for Public Water Supplies - includes: 36ME, 36VO, 36HB, 36PT, 36LP, 36CN, 32	

Safety Data Sheets (SDS) for preservatives available upon request
or at [http://www.michigan.gov/deq/Water/Drinking Water](http://www.michigan.gov/deq/Water/Drinking%20Water) tab
Drinking Water Analysis Laboratory



TESTING FEE SCHEDULE

- **This Fee Schedule is effective January 1, 2010.** Fee amounts are subject to annual changes.
- See reverse side for description of sample units and unit ordering information.
- **TEST CODE** must be indicated in the **TESTING REQUEST INFORMATION** section of the form submitted with the sample.

MICROBIOLOGY			
TEST DESCRIPTION	FEE	UNIT NUMBER	TEST CODE
Water Coliforms (total & E. coli)	\$16.00	30	BPTC
Heterotrophic Plate Count (MPN/ml)	\$12.00	30	BSPC
Fecal Coliform (Counts 10 - 10,000)	\$15.00	30	NPFC-LO
Fecal Coliform (Counts 10 - 1,000,000)	\$25.00	30	NPFC-HI
E. coli (Counts 10 - 10,000)	\$15.00	30	NPEC-LO
E. coli (Counts 10 - 1,000,000)	\$25.00	30	NPEC-HI
Iron Bacteria	\$40.00	30	BIRON
LT2 E. coli for EPA ESWTR	\$16.00	LT2	BLT2

NOTE: Surface water bacteriology is intended only to estimate bacterial group populations.

INORGANIC CHEMISTRY			
TEST DESCRIPTION	FEE	UNIT NUMBER(S)	TEST CODE
Automated Partial Chemistry (Fluoride, Chloride, Hardness, Nitrate, Nitrite, Sulfate, Sodium, Iron)	\$ 18.00	32	R
Calcium/Magnesium/Sodium	\$ 18.00	33	CPM2
CCON, CTALK, CPO4, Calcium	\$ 51.00	33	CORR
Complete Minerals (TALK, Cl, F, NO3, NO2, SO4, Si, CA, MG, NA, K, CON, PH, Hardness)	\$104.00	33	CMIN
Total Alkalinity as CaCO3	\$ 16.00	32,33	CTALK
Ammonia as N	\$ 30.00	36AC	CNH3
Specific Conductance (µmhos)	\$ 12.00	32,33	CCON
Cyanide (available) (unchlorinated water)	\$ 25.00	36CN	CCN
Cyanide (available) (chlorinated water)	\$ 25.00	36CNa	CCN
Total Organic Carbon	\$ 35.00	36TO	CTOC
Ortho Phosphate as P	\$ 17.00	32,33	CPO4
pH Determination	\$ 13.00	32,33	CPH
Potassium	\$ 13.00	32,33	CK
Silica as SiO2	\$ 14.00	33	CSI

NOTE: Do not request more than **two test procedures** for each unit 32. Unit 33 may be used for more extensive requests.

ORGANIC CHEMISTRY			
TEST DESCRIPTION	FEE	UNIT NUMBER	TEST CODE
Disinfection Byproducts Rule (TTHM & Haloacetic Acids)	\$175.00	36VO/HA	CXTM CXHA
Volatiles (VOC)			
Volatile Organic Compounds by GC/MS	\$100.00	36VO	CXVO
Total Trihalomethanes (TTHM)	\$ 65.00	36VO	CXTM
1,4 Dioxane by GC/MS	\$115.00	36VO-NP	CXPD
Methane, Ethane, Ethylene	\$ 90.00	36VO-MEE	CXMEE
EDB and DBCP by GC (call to schedule)	\$ 70.00	36VO	CXEV
Semi-Volatiles (SOC)			
Carbamates by HPLC	\$120.00	36LP	CXLP
Chlorinated Acid Herbicides	\$120.00	36HB	CXHB
Pesticides by GC/MS	\$125.00	36PT	CXPT
Dalapon & Haloacetic Acids	\$130.00	36HA	CXHA
Aromatic Compounds by GC/MS	\$110.00	36PT	CXPA

NOTE: Generally each test procedure requires **separate sample unit**. Where possible, all detected substances will be identified by mass spectral examination. Names of specific compounds of concern should be provided with sample and test request(s).

METALS CHEMISTRY			
TEST DESCRIPTION	FEE	UNIT NUMBER	TEST CODE
Aluminum	\$ 18.00	36ME	CAL
Antimony	\$ 18.00	36ME	CSB
Arsenic	\$ 18.00	36ME	CAS
Barium	\$ 18.00	36ME	CBA
Beryllium	\$ 18.00	36ME	CBE
Boron	\$ 18.00	36ME	CB
Cadmium	\$ 18.00	36ME	CCD
Chromium	\$ 18.00	36ME	CCR
Cobalt	\$ 18.00	36ME	CCO
Lead	\$ 18.00	36ME	CPB
Lead/Copper for corrosion control	\$ 26.00	36CC	CCUB
Lithium	\$ 18.00	36ME	CLI
Mercury	\$ 18.00	36ME	CHG
Molybdenum	\$ 18.00	36ME	CMO
Nickel	\$ 18.00	36ME	CNI
Selenium	\$ 18.00	36ME	CSE
Strontium	\$ 18.00	36ME	CSR
Thallium	\$ 18.00	36ME	CTL
Titanium	\$ 18.00	36ME	CTI
Uranium	\$ 18.00	36ME	CU
Vanadium	\$ 18.00	36ME	CV
Iron/Manganese/Copper/Zinc	\$ 28.00	36ME	CPM1
Complete Metals for Private Wells (AS,SE,BA,CD,CR,HG,PB,FE,MN,Copper,ZN)	\$ 92.00	36ME	CMET
Complete Metals for Public Supplies (SB,AS,BA,BE,CD,CR,HG,PB,SE,NI,TL)	\$102.00	36ME	CMET2

**For questions regarding testing visit the
 Drinking Water Laboratory website:
www.michigan.gov/deq/ ⇒ Water ⇒
 Drinking Water tab ⇒
 Drinking Water Analysis Laboratory
 or
 call (517) 335-8184 - Lansing**