



## TESTING FEE SCHEDULE

- **This Fee Schedule is effective June 15, 2007.** 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(S)	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, PM2, K, CON, PH, Hardness)	\$104.00	33	CMIN
Disinfection Byproducts (BrO3, Br, ClO3, ClO2)	\$ 75.00	32a	CDBP
Total Alkalinity as CaCO3	\$ 16.00	32,33	CTALK
Ammonia as N	\$ 30.00	36AC	CNH3
Specific Conductance (umhos)	\$ 12.00	32,33	CCON
Cyanide by distillation/colorimetry (unchlorinated)	\$ 25.00	36CN	CCN
Cyanide by distillation/colorimetry (chlorinated)	\$ 25.00	36CNa	CCN
Fluorescent Dye (Presence/Absence)	\$ 17.00	36FY	CFDY
Hydrogen Sulfide by Titration	\$ 30.00	36HS	CCHS
Hydrogen Sulfide (Presence/Absence)	\$ 23.00	32	CH2S
Total Organic Carbon	\$ 35.00	36TO	CTOC
Ortho Phosphate as P	\$ 17.00	32,33	CPO4
pH Determination	\$ 13.00	32,33	CPH
Perchlorate	\$ 75.00	32	CCLO4
Potassium	\$ 13.00	32,33	CK
Resistance for Demineralized Water	\$ 10.00	32,33	CRES
Silica as SiO2	\$ 14.00	32,33	CSI
Tannates (Presence/Absence)	\$ 11.00	32,33	CTAN
TBAS Screening	\$ 13.00	32	CTBAS

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

### VOLATILE ORGANIC (VOC) CHEMISTRY

TEST DESCRIPTION	FEE	UNIT NUMBER(S)	TEST CODE
EDB and DBCP by GC	\$ 70.00	36VO	CXEV
Max Potential TTHM Formation	\$ 55.00	36MP	CXMP
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

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

### SEMI-VOLATILE ORGANIC (SOC) CHEMISTRY

TEST DESCRIPTION	FEE	UNIT NUMBER(S)	TEST CODE
Aromatic Compounds by GC/MS	\$110.00	36NV	CXPA
Carbamates by HPLC (unchlorinated)	\$120.00	36LP	CXLP
Carbamates by HPLC (chlorinated)	\$120.00	36LPa	CXLP
Dalapon & Haloacetic Acids	\$130.00	36HA	CXHA
Diquat by HPLC - call to schedule	\$150.00	36DQ	CXDQ
Endothall by GC/MS - call to schedule	\$150.00	36EN	CXEN
Glyphosate by HPLC - call to schedule	\$100.00	36GY	CXGY
Chlorinated Acid Herbicides	\$120.00	36NV	CXHB
Pesticides by GC/MS	\$125.00	36NV	CXPT
Total DCPA, Mono & Di-Acid Degradates (call to order testing units for this analysis)	\$100.00	36NV	CDCPA

**NOTE:** Generally each test procedure requires a **separate sample unit**. If more than one type of testing is needed, contact the laboratory to determine the number of different units needed. 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(S)	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
Cadmium	\$ 18.00	36ME	CCD
Chromium	\$ 18.00	36ME	CCR
Lead	\$ 18.00	36ME	CPB
Lead/Copper for corrosion control	\$ 26.00	36CC	CCUB
Mercury	\$ 18.00	36ME	CHG
Nickel	\$ 18.00	36ME	CNI
Selenium	\$ 18.00	36ME	CSE
Thallium	\$ 18.00	36ME	CTL
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, PM1)	\$ 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, contact  
 Drinking Water Laboratory  
 (517) 335-8184 - Lansing  
 (906) 487-3011 - Houghton



## 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	

To order Drinking Water sample units, enter the date of anticipated collection and quantity and unit number(s) of bottles needed for that date. To order a quantity of bottles, **that are not shipped in coolers**, for a 3 month time period, enter the date range (i.e. 1/1/08 – 3/31/08), quantity and unit number of bottles.

**PLEASE NOTE: Unit 36VO (all), units 32, 36HA, 36TO, and 32a for public supplies, can NOT be ordered without anticipated collection dates. These units will be packed in coolers with ice packs for return shipment. Coolers will be assembled based on the anticipated collection date. One cooler per date.**

#### EXAMPLE

DATE or RANGE	Quantity	Unit Number(s)
1/1/08 - 3/31/08	12	30
2/21/08	2	32, 36VO, 36LP
2/21/08	4	36NV

**DO NOT ORDER MORE THAN A 3 MONTH SUPPLY!**

DATE or RANGE	Quantity	Unit #

DATE or RANGE	Quantity	Unit #

UNIT#	UNIT PURPOSE (preservatives - if any)
30	Bacteriological Testing - (10% Sodium Thiosulfate)
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
32a	Disinfection Byproducts - (0.125mL of 5% Ethylenediamine)
33	Complete Minerals and Corrosion Control
36AC	Ammonia Testing - (0.5mL 1+1 Sulfuric Acid)
36CC	Lead & Copper Testing - First Draw
36CN	Cyanide Testing, Unchlorinated Sources - (2.0mL of 10N Sodium Hydroxide)
36CNa	Cyanide Testing, Chlorinated Sources - (0.2g of Ascorbic Acid & 1 vial containing 2.0mL 10N Sodium Hydroxide)
36DQ	Diquat Testing - (0.1g sodium thiosulfate) TESTING MUST BE SCHEDULED - call 517-335-8076
36EN	Endothall Testing - (0.02g sodium thiosulfate) TESTING MUST BE SCHEDULED - call 517-335-8076
36FY	Fluorescent Dye Testing (Charcoal Packets)
36GY	Glyphosate Testing - (0.012g sodium thiosulfate) TESTING MUST BE SCHEDULED - call 517-335-8076
36HA	Dalapon & Haloacetic Acids Testing (0.025g ammonium chloride)
36HS	Sulfide Testing - (2.5 mL of Zinc Acetate)
36LP	Carbamate Pesticides, Unchlorinated Sources - (1.2g potassium dihydrogen citrate)
36LPa	Carbamate Pesticides, Chlorinated Sources - (0.01g of Sodium Thiosulfate & 1 vial containing 1.2g potassium dihydrogen citrate)
36ME	Metals, Except "first draw" lead copper samples requiring Unit 36CC
36MP	Trihalomethane Formation Potential - (0.11mL 15:100 bleach)One Month Expiration - Made to Order
36NV	Synthetic organic compounds and Chlorinated Pesticides/Herbicides - (0.05g Sodium Sulfite)
36TO	Total Organic Carbon - (2 drops of 1+1 Phosphoric Acid)
36VO	Volatile Organic Substances - (0.025g Ascorbic Acid & 1 vial containing 1mL 1+1 Hydrochloric Acid Solution)
36VO-NP	1,4 Dioxane Testing
36VOb	Field blank - 14 Day Expiration - MADE TO ORDER
37	Regulatory Monitoring for Public Water Supplies - includes: 36ME, 36VO, 36NV(2), 36LP, 36CN, 32

**Orders may be telephoned to (517) 335-8184, faxed (517) 335-8562 or mailed to: WATER SAMPLE UNIT ORDERS, MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY, PO BOX 30270, LANSING MI 48909**