



## FAQ's for Service Line Replacement in a Construction Zone

### **What is the City doing and how will it affect me?**

The City of Grand Rapids will be conducting partial service line replacement, meaning that they are replacing the portion of the water service line that they own. The City owns the portion of the service line from the water main to your property line. If you would like to do full service line replacement, you are responsible for the cost from your property line to your water meter.

The replacement typically takes one business day to install, leaving you without water for less than one day. It usually does not involve digging and, if done in conjunction with roadwork, the sidewalk is not an issue.

### **How do I know if my service line is made of lead?**

Lead was discontinued as a service line material around 1930, so most lead service lines are 85 years old or more. To find out if your service line is lead, contact Jessi Pakiela at the City of Grand Rapids at (616) 456-3041.

### **Should I replace my service line if it is lead?**

Yes, based upon the scientific literature, the Healthy Homes Coalition recommends precaution. In other communities across the nation, partial lead service line replacement has often resulted in a short-term increase of lead content in residential water. Due to a lack of testing, it is unclear if this type of work in Grand Rapids and other west Michigan communities results in elevated lead content in the water. Since we do not know, we recommend full replacement.

### **How much does it cost to replace my lead service line?**

The cost depends on many factors, primarily the length of the service line. Current estimates are \$1,500 - \$2,500.

### **What if I can't afford the complete replacement?**

The City of Grand Rapids offers a 10-Pay Plan for homes with lead service lines. This is a 10-year loan with annual payments at 7% simple interest (this rate may be reduced in the future). See the attached for more information.

Additionally, if other repairs to the home are needed (such as furnace, electrical, plumbing, or roofing), you may qualify for the City's Housing Rehabilitation program which offer low and no-interest loans for home repairs. You may contact the Housing Rehabilitation program at (616) 456-3030.

You may also consult with your bank or credit union about financing.

### **Who will replace my lead service line?**

You will need to hire a private contractor who has been approved by the City. See the attached list of plumbing and excavation companies and seek out those that do plumbing.

### **How do I know if my water is safe?**

The EPA recommends zero parts per billion (ppb) (<https://www.epa.gov/your-drinking-water/basic-information-about-lead-drinking-water>). The CDC recommends using bottled or filtered water until your water lead level is less than 15 ppb (<http://www.ncbi.nlm.nih.gov/pubmed/21112052>). In order to know your water lead level, you must have your water tested by a qualified laboratory.

### **How do I get my water tested?**

The Michigan Department of Health and Human Services offers water testing for \$18. See the attached for more details. The Kent County Health Department will begin testing water for lead in the near future. Visit KCHD's website for more information (<https://www.accesskent.com/Health/laboratory.htm>).

### **Should I use a water filter?**

Yes, based upon the scientific literature, the Healthy Homes Coalition recommends using NSF International approved water filtration for two years following partial or full service line replacement or until your water tests at a level with which you are comfortable. The filter or cartridge must be labeled as NSF/ANSI 53 or NSF/ANSI 58. The initial cost is about \$50-60 plus additional filters at \$20-30 each. Visit NSF International's website for more information ([http://info.nsf.org/Certified/DWTU/listings\\_leadreduction.asp](http://info.nsf.org/Certified/DWTU/listings_leadreduction.asp)).

## City of Grand Rapids 10-Pay Plan

There are 2 different programs for lead abatement loans. The Community Development office offers income-based loans for targeted areas in the City. Call 456-3030 for more information on that program.

The lead abatement program offered through our office is a 10-year loan with annual payments at 7% simple interest. The first payment is due no sooner than 30 days after your contractor submits an invoice to me. The first payment is for 1/10th of the amount without interest. Subsequent payments will be due on or around the same date each year for 1/10th of the original amount plus 7% of the remaining loan balance. This is a lien against the property. Any remaining amounts must be paid in full prior to transfer of ownership. You may make payments in between. There is no penalty for early repayment.

To qualify for this program, you must have a lead water service. All overdue amounts to the City must be paid in full – everything from taxes to parking tickets. Amounts owed are verified through the Treasurer's Office. This does not include amounts on a payment plan (like paying your water bill monthly instead of quarterly) as long as you are current for the payment cycle.

For the loan, you must provide proof of ownership and at least two written estimates from contractors registered with Utility Engineering specifically for underground water/sewer work.

The loan agreement must be signed by every listed owner and notarized at our office. Each owner will be required to provide a driver's license or state-issued ID card.

When getting estimates, be sure to let contractors know that this will be a lead abatement loan through the City. I will need a copy of the invoice to process payment. If the city side of the service is lead, the contractor must coordinate with Field Operations office to schedule replacement at our expense in conjunction with the private side replacement.

Basic steps for the loan process are:

- Notify me you would like to participate in the loan program.
- Treasurer's Office verification of eligibility. We schedule a time for you to come to 1120 Monroe, 3rd floor, and sign the agreement.
- At the appointment:
  - You will be required to provide the estimates, proof of ownership, and picture ID. I can accept the tax record as proof of ownership if the records match owner ID.
  - You select a contractor.
  - We will go over the loan contract and whether you still want to use the loan program. You may opt out of the program at any time before I receive the invoice.

- The document will be signed, witnessed, and notarized. You may bring your own witness (who must have state-issued picture ID) or someone here will act as a witness.
- You will be given a copy of the signed and notarized agreement.
- Usually the contractor likes to have someone from our office verify that the contract is signed.
- Contractor performs work, then submits the invoice to you and to our office.
- The contract and invoice are forward to the Engineer's Office and recorded at the County Register of Deeds as a lien against the property.
- The contract and invoice are forwarded to the Treasurer's Office for payment.
- Payment is mailed to you. The check is in the name of all owners and the name of the company. Owners endorse the check and bring it to the contractor so they can endorse it and deposit it.
- You will be invoiced by the Treasurer's Office annually. This will be separate from your taxes, water bill, etc.

If making additional payments during the year, be sure to specify it is for your lead abatement loan. It is best to include your specific loan number when you submit any payment.

If you are interested in this program or have additional questions, please let me know.

Jessi Pakiela  
Trench Inspector  
P: (616) 456-3041  
F: (616) 456-3453  
jpakiela@grand-rapids.mi.us



1120 Monroe Ave NW Ste 300  
Grand Rapids MI 49503  
M-F 730am-4pm

Utility Engineering Registered Underground Contractors  
03-28-2016

CO_NAME	ST_NO	ST_NAME	CITY	STATE	ZIP	PHONE
ACCURATE EXCAVATORS	2821	CENTERAL RD	MUSKEGON	MI	49445	231-220-3016
ADVANCED EXCAVATING INC	PO BOX	190	JAMESTOWN	MI	49427	616-896-7029
ADVANTAGE PLUMBING & DRAIN LLC	PO BOX	393	HASTINGS	MI	49058	616-454-2655; 269-945-0300
AFFORDABLE EXCAVATING INC	1150	FREEMAN	GRAND RAPIDS	MI	49503	616-248-2800
AFFORDABLE PLUMBING INC	2215	BRISTOL AV NW	WALKER	MI	49544	616-647-2790
ALASKA EXCAVATING LLC	6775	68TH ST	CALEDONIA	MI	49316	616-698-7463
ALL AREA PLUMBING LLC	1915	PINEGROVE DR	JENISON	MI	49428	616-929-2282
ALL AROUND EXCAVATING	13064	WISNER AV	GRANT	MI	49327	231-834-1729
ALL-FLO PLUMBING LLC	2130	3 MILE RD NE	GRAND RAPIDS	MI	49505	616-361-7800
AL'S TRENCHING INC	3620	RICHMOND ST NW	GRAND RAPIDS	MI	49534	616-437-3185 (CELL)
ALTERNATIVE MECHANICAL LLC	1200	JEFFERSON AV SE	GRAND RAPIDS	MI	49507	616-452-6554
B & L PLUMBING	22643	STANTON RD	SAND LAKE	MI	49343	616-915-4607
B & R EXCAVATING INC	710	W CHERRY ST	WAYLAND	MI	49348	269-792-0555
B & V MECHANICAL INC	400	32ND ST SE	WYOMING	MI	49348	616-243-7222
BOSMA BROS. UNDERGROUND WATER & SEWER SPECIALISTS	PO BOX	174	GRANDVILLE	MI	49468	616-247-1433
BOUMA BROTHERS LANDSCAPING	4107	82ND ST SW	BYRON CENTER	MI	49315	616-878-9524
BRASS-MAR WATER WELLS INC	13427	FRUIT RIDGE AV	KENT CITY	MI	49330	616-678-4939
BULTSMA EXCAVATING INC	O-308	LAKE MICHIGAN DR NW	GRAND RAPIDS	MI	49534	616-735-5530
BYRON PLUMBING INC	4577	88TH ST SW	BYRON CENTER	MI	49315	616-878-9411
C. L. TRUCKING & EXCAVATING INC	256	E PARAMETER RD	IONIA	MI	48846	616-527-9352
CALEDONIA EXCAVATING INC	10478	EAST PARIS AV SE	CALEDONIA	MI	49316	616-891-7233
CANFIELD PLUMBING & HEATING	411	E MAIN ST	LOWELL	MI	49331	616-897-0887
CARRIGAN DEVELOPMENT INC	3811	24TH AVE STE B	FORT GRATIOT	MI	48059	810-984-2270
CHERRY VALLEY EXCAVATING LLC	4584	DIVISION STE A	WAYLAND	MI	49348	616-877-3722
CONNAN INC	200	W WASHINGTON AVE	ZEELAND	MI	49464	616-772-5454
CORDES TRENCHING 1 INC	7305	BAUMHOFF AV NW	GRAND RAPIDS	MI	49544	616-785-5290
CORDES TRENCHING II	1410	7 MILE RD NW	COMSTOCK PARK	MI	49321	616-784-4708

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CRIPPS FONTAINE EXCAVATING INC	7729	DOUGLAS AV	KALAMAZOO	MI	49009	269-377-6286
CUTTING EDGE EXCAVATING	4159	48TH AV	HUDSONVILLE	MI	49426	616-293-3726
DEAN'S LANDSCAPING	PO BOX	390	SAND LAKE	MI	49343	616-636-5524
DEN KETELAAR PLUMBING	883	WEST RIVER CENTER	COMSTOCK PARK	MI	49321	616-785-3550
DEWITT TRENCHING CONTRACTORS INC	3763	PERRY ST	HUDSONVILLE	MI	49426	616-534-6966
DIRTECH LLC	10834	THORNBERRY WAY	ZEELAND	MI	49464	616-772-2608
DIVERSCO CONSTRUCTION CO INC	570	MARKET ST SW	GRAND RAPIDS	MI	49503	616-458-6379
DJ'S LAWN SERVICE INC	4436	BROADMOOR AV SE	GRAND RAPIDS	MI	49512	616-698-2700
DOUBLE K UNDERGROUND INC	9266	N HOLLAND RD	SIX LAKES	MI	48886	989-365-9596
DOVER ENVIRONMENTAL	2075	BURLINGAME AV SW	WYOMING	MI	49509	616-245-0033
DYKEMA EXCAVATORS INC	1730	3 MILE RD NE	GRAND RAPIDS	MI	49505	616-363-6895
EARTHWORM DOZING & EXCAVATING INC	10862	DESPERADO LN	LOWELL	MI	49331	616-893-0211
FEYEN ZYLSTRA LLC	2396	HILLSIDE DR NW	GRAND RAPIDS	MI	49544	616-224-7122
FIRE PROS INC	2710	NORTHRIDGE DR NW STE F	GRAND RAPIDS	MI	49544	616-453-4800
FLIER BROTHERS INDEPENDENT EXC LLC	9720	2 MILE	LOWELL	MI	49331	616-262-4368 JASON 616-337-7376 TODD
FLIER'S TRENCHING	1146	MORREN CT	WAYLAND	MI	49348	616-877-4547
FRANKLIN HOLWERDA COMPANY (FHC)	2509	29TH ST SW	WYOMING	MI	49519	616-538-3231
G.R. METRO PLUMBING	1918	ROGUE RIVER RD NE	BELMONT	MI	49306	616-550-4826
GALE PLUMBING AND HYDRONICS INC	2945	HILLCROFT AV SW	GRAND RAPIDS	MI	49548	616-281-6999
GENZINK PLUMBING	2085	112TH AVE	HOLLAND	MI	49424	616-396-4962
GEORGETOWN CONSTURCTION CO	6601	WILSHERE	JENISON	MI	49428	616-669-6000
GIBSON EXCAVATING SERVICES	143	CLEVELAND ST E	COOPERSVILLE	MI	49404	616-890-1052
GODWIN PLUMBING AND HARDWARE	3703	DIVISION AV	GRAND RAPIDS	MI	49548	616-243-3131

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GRAND VALLEY PLUMBING LLC	8510	PUMA TRAIL	ROCKFORD	MI	49341	616-901-1149
GROUNDHAWG EXCAVATING & LANDSCAPING LLC	10216	CASCADE RD SE	LOWELL	MI	49331	616-218-4850
GVL EXCAVATING	PO BOX	E	MOLINE	MI	49335	616-877-4005
HAP HOEKWATER & SONS INC	1318	ROSEWOOD ST	JENISON	MI	49428	616-457-1410
HERREMA PLUMBING INC	2691	DIVISION AV S	GRAND RAPIDS	MI	49507	616-452-8669
HERRINGTON EXCAVATING	7375	CANNONSBURG RD	BELMONT	MI	49306	616-874-7449
HOFFMAN BROS INC	8574	VERONA ROAD	BATTLE CREEK	MI	49014	269-965-1207
J & R TRUCKING AND SEPTIC SYSTEMS INC	2581	PORT SHELDON	JENISON	MI	49428	616-669-1940
JACK DYKSTRA EXCAVATING INC	3677	3 MILE RD NW	GRAND RAPIDS	MI	49534	616-456-4827
JACKSON PLUMBING	2311	EDSON DR	HUDSONVILLE	MI	49426	616-292-6989
JACKSON-MERKEY CONTRACTORS INC	3430	LUND AVE	MUSKEGON	MI	49442	231-728-9344
JOHN W POTTER INC	2700	CALANN AV NW	GRAND RAPIDS	MI	49534	616-453-5423
K & S PLUMBING CO INC	6980	HAMMOND AV SE	CALEDONIA	MI	49316	616-698-6790
KALIN CONSTRUCTION CO INC	2663	YORE AVE	SODUS	MI	49126	269-925-2746
KAMMINGA & ROODVOETS INC (K&R)	3435	BROADMOOR AV SE	GRAND RAPIDS	MI	49512	616-949-0800
KATERBERG VERHAGE INC	3717	MICHIGAN RD NE	GRAND RAPIDS	MI	49525	616-949-3030
KENTWOOD EXCAVATING INC	3401	BROADMOOR AV SE	GRAND RAPIDS	MI	49512	616-949-5250
KENTWOOD PLUMBING & HEATING INC	3411	32ND ST SE	GRAND RAPIDS	MI	49512	616-949-3695
KOSTER EXCAVATING INC	1074	CHICAGO DR SW	JENISON	MI	49428	616-457-2320
LAMEYER PLUMBING INC	1411	142ND AV	DORR	MI	49323	616-877-4665
LAWNS OF DISTINCTION	2555	DUNNIGAN AV NE	GRAND RAPIDS	MI	49525	616-291-0141
LEE'S TRENCHING SERVICE INC	1201	76TH ST SW	BYRON CENTER	MI	49315	616-878-0077
LODESTAR CONSTRUCTION INC	333	NORTH PARK ST NW	GRAND RAPIDS	MI	49544	616-785-7373
MARATHON PLUMBING LLC	10853	WELLINGTONDR	ROCKFORD	M	49431	616-318-5513
MARSMAN CONSTRUCTION CO	1201	PANNELL NW	GRAND RAPIDS	MI	49504	616-363-0403
MCDONALD PLUMBING INC	7791	EASTERN AV SE	GRAND RAPIDS	MI	49508	616-698-6771
MOKMA EXCAVATING INC	10959	100TH ST SE	ALTO	MI	49302	616-437-9808

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MPH CONTRACTING INC	34	BARRY ST SE	GRAND RAPIDS	MI	49548	616-455-5555
MYLES EXCAVATING INC	13707	WOODLAWN HILLS DR	CEDAR SPRINGS	MI	49319	616-696-5900
NOOR PLUMBING	3408	BUSCH DR STE L	GRANDVILLE	MI	49418	616-813-3178
NYKAMP TRUCKING	3465	56TH AV	HUDSONVILLE	MI	49426	616-262-8458
OETMAN EXCAVATING LLC	4122	DIVISION AV	WAYLAND	MI	49348	616-877-4097
OTTAWA EXCAVATORS INC	O-2890	LEONARD RD	MARNE	MI	49435	616-677-3065
PARIS PLUMBING LLC	3315	4TH ST	WAYLAND	MI	49348	269-792-2055
PATER PLUMBING LLC	3275	GORDON ST	HUDSONVILLE	MI	49426	616-218-8849
PENNING PLUMBING HEATING & COOLING	584	44TH ST SE	GRAND RAPIDS	MI	49548	616-538-0220
PITSCH WRECKING (DEMO ONLY)						
PLUMMER'S WASTE GROUP	4750	CLYDE PARK AVE SW	WYOMING	MI	49509	616-532-3996
PRO PLUMBING LLC	7281	HARMON LN	JENISON	MI	49428	616-217-8118
RAPID ROOTER PLUMBING/CARIBOU SERVICES	2675	E STERNBERG	MUSKEGON	MI	49444	231-865-6918
REDLINE EXCAVATING LLC	4503	36TH ST	HAMILTON	MI	49419	616-644-8422
RITE-WAY PLUMBING & HEATING INC	2083	WALKER CT	GRAND RAPIDS	MI	49544	616-791-0959
RIVER CITY MECHANICAL	5325-A	6 MILE CT NW	COMSTOCK PARK	MI	49321	616-785-1311
RON MEYER & ASSOCIATES EXCAVATING	1357	76TH AV	ZEELAND	MI	49464	616-688-5751
ROOSIEN EXCAVATING INC	5133	84TH ST SE	CALEDONIA	MI	49316	616-698-6802
ROTO ROOTER (LONDON GR LLC)	4393	CLAY AV	WYOMING	MI	49548	616-452-7023
ROWLAND EXCAVATING INC	13655	SHANER AV	CEDAR SPRINGS	MI	49319	616-696-0622
RUSH CREEK EXCAVATING AND CONSTRUCTION INC	7848	MEADOWOOD DR	HUDSONVILLE	MI	49426	616-299-4765
SIETSEMA EXCAVATORS	1029	MAYNARD SW	GRAND RAPIDS	MI	49534	616-453-1808
SITE WORK SOLUTIONS INC	PO BOX	45	ZEELAND	MI	49464	616-772-6019
STEENWYK & SONS EXCAVATING LLC	10020	ALAKSA AV SE	CALEDONIA	MI	49316	616-891-1057



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SUNRISE HEATING & PLUMBING LLC	216	N LAFAYETTE	GREENVILLE	MI	48838	616-293-9326
SUPERIOR PLUMBING SERVICES INC	395	100TH ST SW	BYRON CENTER	MI	49315	616-877-8021
TERRA CONTRACTORS	856	PULASKI	MUSKEGON	MI	49441	231-755-4450
THE SERVICE PROFESSOR	4770	50TH ST SE	GRAND RAPIDS	MI	49512	616-871-1906
THOMPSON BROTHERS INC EXCAVATION AND SITE DEVELOPMENT	338	W MCMILLAN RD	MUSKEGON	MI	49445	231-766-2828
THORNAPPLE EXCAVATING INC	4190	THORNAPPLE RIVER DR SE	GRAND RAPIDS	MI	49512	616-940-4766
THORNAPPLE PLUMBING LLC	2994	MICHIGAN ST NE	GRAND RAPIDS	MI	49506	616-949-1111
TOTAL FIRE PROTECTION INC	5062	KENDRICK CT SE	GRAND RAPIDS	MI	49512	616-735-2300
TRIAD FIRE SUPPRESSION INC	590	32ND ST SE	WYOMING	MI	49548	616-365-2475
TUBERGEN CONSTRUCTION	9292	WILSON AV SW	BYRON CENTER	MI	49315	616-878-3996
VANDER HYDE MECHINCAL INC	1058	SCRIBNER AV NW	GRAND RAPIDS	MI	49504	616-454-5400
VANDERKOLK EXCAVATING LLC	4416	ADAMS ST	ZEELAND	MI	49464	616-813-0762
VANHOUTEN NEDERHOOD CONTRACTOR LLP	1105	108TH ST SW	BYRON CENTER	MI	49315	616-877-0422
VELCO PLUMBING & HEATING INC	7500	CLYDE PARK AV SW	BYRON CENTER	MI	49315	616-455-8890
VELTING CONTRACTORS INC	3060	BRETON RD SE	GRAND RAPIDS	MI	49512	616-949-6660
VISSER BROTHERS INC	1946	TURNER AVE NW	GRAND RAPIDS	MI	49504	616-363-3825
W SOULE & COMPANY	7125	S SPRINKLE RD	PORTAGE	MI	49002	269-324-7001
WOOD TRUCKING CO INC	2075	PARK ST	MUSKEGON	MI	49444	231-722-2042
WYOMING EXCAVATORS	9580	5 MILE RD NE	ADA	MI	49301	616-691-7368
XACT PLUMBING INC	4496	26TH ST	DORR	MI	49323	616-681-8466



### 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
<b>Volatiles (VOC)</b>			
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
<b>Semi-Volatiles (SOC)</b>			
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](http://www.michigan.gov/deq) ⇒ Water ⇒  
 Drinking Water tab ⇒  
 Drinking Water Analysis Laboratory  
 or  
 call (517) 335-8184 - Lansing**