

State of Wisconsin  
DEPARTMENT OF NATURAL RESOURCES  
101 S. Webster Street  
Box 7921  
Madison, WI 53707-7921

Tony Evers, Governor  
Preston D. Cole, Secretary  
Telephone 608-266-2621  
Toll Free 1-888-936-7463  
TTY Access via relay - 711



# CONSENT

September 23<sup>rd</sup>, 2019

SUBJECT: 2020 PRELIMINARY MONITORING SCHEDULES – Drinking Water Monitoring Requirements

The 2020 preliminary monitoring schedule for your public water system's drinking water monitoring requirements is available for review on the Department of Natural Resources (DNR) web site. The preliminary monitoring schedule can be accessed on the DNR's web site using the instructions in the box below.

Changes to the preliminary monitoring schedule may occur prior to *January 2020*. The DNR web site continuously updates and displays current monitoring requirement information for your system. Please contact your regional DNR representative if you have questions regarding your monitoring requirements. The final monitoring schedule will be mailed to water system samplers in *January 2020*.

- 1) Go to the DNR web site using the link: <http://dnr.wi.gov>.
- 2) SEARCH: "DWS Viewer"
- 3) CLICK the "Find Public Water Systems" button.
- 4) Enter your system Name or Public Water Supply ID, and then CLICK the "Search" button.
- 5) On the next screen, CLICK on your *System Name* - this may take a few seconds to download.
- 6) At the top CLICK on the button "View Preliminary Monitoring Schedule For 2020"

The reverse side of this letter includes a list of estimated laboratory analytical costs for specific contaminants or contaminant groups your system may be required to monitor for in 2020. The list can be used to estimate your 2020 monitoring costs. Coliform bacteria compliance sample analysis is available and performed at the Wisconsin State Laboratory of Hygiene at no charge.

The 2020 preliminary monitoring requirements include eligible reduced monitoring waivers based on the submission of a *Monitoring Assessment Application*. The application must be submitted *every three years* in order to qualify for monitoring waivers. Failure to complete and submit the required application will result in the removal of all existing monitoring waivers. The most recent waiver approvals were completed for Municipal Community Systems for 2020 monitoring requirements.

Also, please note a *Public Water System Information Survey* is included in this mailing packet. The survey contains important information about your system. Please review the information survey for accuracy. Please identify any changes or corrections on the form and return the form *to the regional DNR office listed at the top of the survey form*. You do not have to return the form to the DNR if there are no changes.

Thank you for your review of the preliminary monitoring schedule and public water supply information survey.

Sincerely,

Dino Tsoris  
Water Supply Specialist

**COST ESTIMATES PER CONTAMINANT OR CONTAMINANT GROUP (2020)**  
 (Estimates only, cost may vary between specific analysis performed and laboratories)

CONTAMINANT GROUP	COST ESTIMATE	CONTAMINANTS	SAMPLING LOCATION
Asbestos	\$136	Asbestos	Distribution Sample at a tap served by A/C pipe
Cyanide	\$60	Cyanide	Entry point sample
Dioxin	\$450	Dioxin	Entry Point sample
EDB/DBCP	\$100	Ethylene Dibromide (EDB) Dibromochloropropane (DBCP)	Entry point sample
Industrial Chemicals and/or Benzo[a]pyrene	\$300	Benzo[a]pyrene Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate	Benzo[a]pyrene - distribution sample at a tap after coal tar use, Industrial Chemicals are entry point samples.
Inorganics	\$350	Arsenic, Antimony, Barium, Beryllium, Cadmium, Chromium, Fluoride, Mercury, Nickel, Nitrate, Nitrite, Selenium, Thallium	Entry point sample
Secondary Inorganics	\$200	Alkalinity, aluminum, calcium, chloride, hardness, iron, magnesium, manganese, pH, total dissolved solids, silver, zinc	Entry point
Fluoride only	\$20	Fluoride	Split Distribution samples
Lead and Copper	\$54	Lead/Copper	Distribution sample
Nitrate	\$29	Nitrate	Entry point sample
Nitrite	\$29	Nitrite	Entry point sample
Pesticides	\$875 - 1100	29 Regulated Pesticides** 10 Unregulated Pesticides**	Entry point sample
Gross alpha Radium 226&228 Total Uranium	\$68 \$245 \$216	Gross alpha Radium 226+ Radium 228 Uranium	Entry point sample
Total Trihalomethanes (THMs)	\$171	Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane	Distribution System
Bromate	\$60	Bromate	Distribution System
Haloacetic acid	\$190	HAAS	Distribution system
Volatile Organics	\$171	21 Regulated VOCs* 20 Unregulated VOCs*	Entry Point Sample
<b>*REGULATED VOC's</b> Benzene Vinyl Chloride Carbon Tetrachloride 1,2-Dichloroethane Trichloroethylene 1,1-Dichloroethylene 1,1,1-Trichloroethane p-Dichlorobenzene cis-1,2-Dichloroethylene trans-1,2-Dichloroethylene 1,2-Dichloropropane Ethyl benzene Chlorobenzene o-Dichlorobenzene Styrene Tetrachloroethylene Toluene Xylene (total) Dichloromethane 1,2,4 Trichlorobenzene 1,1,2 Trichloroethane	<b>*UNREGULATED VOC's</b> 1,1-Dichloroethane 1,1-Dichloropropene 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane 1,3-Dichloropropane 1,3-Dichloropropene 2,2-Dichloropropane Bromobenzene Bromodichloromethane Bromoform Bromomethane Chlorodibromomethane Chloroethane Chloroform Chloromethane Dibromomethane m-Dichlorobenzene o-Chlorotoluene p-Chlorotoluene	<b>**REGULATED PESTICIDES</b> Alachlor Aldicarb, total AldicarbSulfoxide AldicarbSulfone Atrazine Carbofuran Chlordane, total Chlordane, alpha Chlordane, gamma 2,4-D Dalapon Dinoseb Diquat Endothal Endrin Glyphosate Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor Oxamyl (Vydate) PCBs Pentachlorophenol (PCP)	Picloram 2,4,5-TP Simazine Toxaphene  <b>**UNREGULATED PESTICIDES</b>  Aldrin Butachlor Carbaryl Dicamba Dieldrin 3-Hydroxycarbofuran Methomyl Metolachlor (dual) Metribuzin Propachlor

# Public Water System Information Survey

MANITOWOC WATERWORKS 43603648 - Page 1

Corrected survey forms  
should be returned to:

Drinking Water Environmental Program Associate  
DNR Northeast Regional HQ  
2984 Shawano Ave  
Green Bay, WI 54313-6727 or FAX: (920) 662-5413  
or SCAN AND EMAIL TO: heather.hermes@wisconsin.gov

Notice: Information on this form is required and authorized under ss. 280 and 281, Wis. Stats.  
If you have questions regarding this information, please contact your local DNR representative:  
Wendy Anderson @ (920) 662-5414

## FACILITY INFORMATION:

Pws Name: MANITOWOC WATERWORKS

Pws Id: 43603648

Pws Type: Municipal Community System Ownership: Municipal

Location Address: 1303 S 8TH ST

Location City: MANITOWOC

Zip: 54220

### Population Served:

Nontransient: 34,500

Transient:

### For systems which operate seasonally:

Season Begins: (MM/DD) Season Ends: (MM/DD)

# of extra bacti bottles: 0

### Percentage of water coming from:

Groundwater: 1

Purchased Groundwater: 0

Surface Water: 99

Purchased Surface Water: 0

## EMERGENCY CONTACT INFORMATION:

Mr/Mrs/Ms: Robert Michaelson

Title: SYSTEM MGR

E-mail Address: rmichaelson@mpu.org

Address: 1303 S 8TH ST  
PO BOX 1090

City: MANITOWOC

State: WI Zip: 54220-1090

24-hour contact number for security or emergency alerts: (920) 683-4633

### Contact Number(s):

Business: (920) 686-4354

Emergency: (920) 374-0959

Business: (920) 686-4356

## LEGAL WELL OWNER INFORMATION:

Individual/Company on Land Deed: Manitowoc, City Of, Clerk

Title:

E-mail Address: dneuser@manitowoc.org

Address: DEB NEUSER

900 QUAY ST

City: MANITOWOC

State: WI Zip: 54220

### Contact Number(s):

Business: (920) 686-6950

# Public Water System Information Survey

MANITOWOC WATERWORKS 43603648 - Page 2

## WATER SYSTEM OWNER INFORMATION:

Mr/Mrs/Ms: Manitowoc, City Of, Clerk  
 Title: Contact Number(s):  
 E-mail Address: dneuser@manitowoc.org Business: (920)686-6950  
 Address: DEB NEUSER  
           900 QUAY ST  
 City: MANITOWOC State: WI Zip: 54220

## SAMPLER INFORMATION:

Mr/Mrs/Ms: Robert Michaelson  
 Title: SYSTEM MGR Contact Number(s):  
 E-mail Address: rmichaelson@mpu.org Business: (920)686-4354  
 Address: 1303 S 8TH ST Emergency: (920)374-0959  
           PO BOX 1090 Business: (920)686-4356  
 City: MANITOWOC State: WI Zip: 54220-1090

## CERTIFIED OPERATOR INFORMATION:

Lic #:	Name of Certified Op:	Date started/ended at PWS:	Subclass:	Check	
				If OIC:	Enter OIC Start Date:
34187	Brian A Branam	04/01/2007 -	DISTRIBUTION		
34187	Brian A Branam	04/01/2007 -	GROUNDWATER		
34187	Brian A Branam	04/01/2007 -	SURFACE WATER		
23558	Peter O Dollhopf	07/23/1990 -	DISTRIBUTION		
23558	Peter O Dollhopf	07/23/1990 -	GROUNDWATER		
23558	Peter O Dollhopf	07/23/1990 -	IRON REMOVAL		
23558	Peter O Dollhopf	07/23/1990 -	LIME SOFTENING		
23558	Peter O Dollhopf	07/23/1990 -	SURFACE WATER		
23558	Peter O Dollhopf	07/23/1990 -	VOC REMOVAL		
23558	Peter O Dollhopf	07/23/1990 -	ZEOLITE SOFTENING		
34593	Eric D Duenkel	05/30/2013 -	DISTRIBUTION		
34593	Eric D Duenkel	05/30/2013 -	GROUNDWATER		
34593	Eric D Duenkel	05/30/2013 -	SURFACE WATER		
34593	Eric D Duenkel	05/30/2013 -	ZEOLITE SOFTENING		
36556	Dustin C Kasbaum	07/11/2017 -	DISTRIBUTION		
36556	Dustin C Kasbaum	07/11/2017 -	GROUNDWATER		
36556	Dustin C Kasbaum	07/11/2017 -	SURFACE WATER		
33020	Christopher L Klawonn	08/25/2014 -	DISTRIBUTION		
33020	Christopher L Klawonn	08/25/2014 -	GROUNDWATER		

# Public Water System Information Survey

MANITOWOC WATERWORKS 43603648 - Page 3

## CERTIFIED OPERATOR INFORMATION:

Lic #:	Name of Certified Op:	Date started/ended at PWS:	Subclass:	Check	
				If OIC:	Enter OIC Start Date:
33020	Christopher L Klawonn	08/25/2014 -	SURFACE WATER		
24296	Nilaksh Kothari	12/03/1990 -	DISTRIBUTION		
24296	Nilaksh Kothari	12/03/1990 -	GROUNDWATER		
24296	Nilaksh Kothari	12/03/1990 -	SURFACE WATER		
37485	William R Lindman	05/02/2017 -	DISTRIBUTION		
37485	William R Lindman	05/02/2017 -	GROUNDWATER		
37485	William R Lindman	05/02/2017 -	IRON REMOVAL		
37485	William R Lindman	05/02/2017 -	LIME SOFTENING		
37485	William R Lindman	05/02/2017 -	SURFACE WATER		
37237	Justin C Meyer	07/11/2017 -	DISTRIBUTION		
37237	Justin C Meyer	07/11/2017 -	GROUNDWATER		
37237	Justin C Meyer	07/11/2017 -	ZEOLITE SOFTENING		
33141	Robert D Michaelson	04/28/2000 -	DISTRIBUTION		
33141	Robert D Michaelson	04/28/2000 -	GROUNDWATER		
33141	Robert D Michaelson	04/28/2000 -	SURFACE WATER		
33141	Robert D Michaelson	04/28/2000 -	ZEOLITE SOFTENING		
38011	Thomas G Neuman	08/06/2018 -	GROUNDWATER		
36850	Zachary A Pethan	08/01/2016 -	DISTRIBUTION		
36850	Zachary A Pethan	08/01/2016 -	GROUNDWATER		
36850	Zachary A Pethan	08/01/2016 -	SURFACE WATER		
37405	Shane R Rodriguez	11/21/2016 -	DISTRIBUTION		
37405	Shane R Rodriguez	11/21/2016 -	GROUNDWATER		
37405	Shane R Rodriguez	11/21/2016 -	SURFACE WATER		
35919	Andrew J Sukowaty	07/21/2014 -	DISTRIBUTION		
35919	Andrew J Sukowaty	07/21/2014 -	GROUNDWATER		
35919	Andrew J Sukowaty	07/21/2014 -	SURFACE WATER		

## ENTRY POINT/SOURCE INFORMATION:

Source Unique ID:	Well#:	Status:	Description/location:
1	BG251	Active	LAKEVIEW DR
3	BG253	Active	GRANDPA RD
81		Active	MPU TAP

# Public Water System Information Survey

MANITOWOC WATERWORKS 43603648 - Page 4

## ENTRY POINT/SOURCE INFORMATION:

Source Unique ID:	Well#:	Status:	Description/location:
82		Active	CBCWA TAP
101		Active	LAKE MICHIGAN - RW PS1 - 9000
102		Active	LAKE MICHIGAN - RW PS2 - 4000

## TREATMENT INFORMATION:

Source ID:	Treatment Description:	Reason for Treatment:	Percent of Flow:	Treatment Start Date:	Treatment End Date:
1	Gaseous Chlorination, Post	Disinfection	100	UNKNOWN	
1	Inhibitor, Polyphosphate	Corrosion Control	100	UNKNOWN	
3	Gaseous Chlorination, Post	Disinfection	100	UNKNOWN	
3	Inhibitor, Polyphosphate	Corrosion Control	100	UNKNOWN	
81	Fluoridation		100	UNKNOWN	
81	Gaseous Chlorination, Post	Disinfection	100	UNKNOWN	
81	Inhibitor, Polyphosphate	Corrosion Control	100	01/01/1994	
81	Filtration, Ultrafiltration	Particulate Removal	100	01/01/1999	
82	Fluoridation		100	08/09/2007	
82	Gaseous Chlorination, Post	Disinfection	100	08/09/2007	
82	Filtration, Ultrafiltration	Particulate Removal	100	08/06/2007	
101	No Treatment / Not Applicable	No Treatment at Source	100	UNKNOWN	
102	No Treatment / Not Applicable	No Treatment at Source	100	01/06/2006	

## CONSECUTIVE SYSTEMS INFORMATION:

Does your system buy or sell water from another public water supplier? If "yes", enter and/or update the information below: \_\_\_ Yes \_\_\_ No

### Buys from:

PWS ID #	Name of	Enters your system
of supplier:	public water supplier:	at source id#:

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### Sells to:

PWS ID #	Name of	Exits your system
of Purchaser:	public water purchaser:	from source id#:

43602878                      CENTRAL BROWN CO WATER AUTHORITY                      82

## PLEASE COMPLETE THE FOLLOWING:

Name of person completing this form: \_\_\_\_\_  
 Date completed: \_\_\_\_\_