Date: October 14, 2022

To: Joe Trueblood, Utility Superintendent

From: Bill Swearingen, Operations Supervisor

Subject: UCMR5 Testing

The Sheboygan Water Utility has participated in Unregulated Contaminant Monitoring Rule (UCMR) since early 2000s. The US Environmental Protection Agency UCMR system generates a new list of contaminants identified for monitoring. The monitoring program is administered by the Environmental Protection Agency via Wisconsin Department of Natural Resources.

In 2023, the utility will participate in UCMR5 testing.

The Sheboygan Water Utility is classified as a system serving a population of 10,000 to 49,999, thus testing and monitoring begins on January 1,2023 - March 1,2023. The utility is required to collect samples and testing for 29 PFAS compounds and one metal compound (lithium).

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
101 SOUTH 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

001199
SHEBOYGAN CITY CLERK - MEREDITH DEBRUIN
SHEBOYGAN WATER UTILITIES
828 CENTER AVENUE SECOND FLOOR
SHEBOYGAN, WI 53081

46003540

September 26, 2022

SUBJECT: 2023 PRELIMINARY MONITORING SCHEDULES - Drinking Water Monitoring Requirements

To access your public water system's drinking water monitoring requirements' preliminary monitoring schedule

1) Go to the DNR web site using the link: dnr.wi.gov/dwsviewer
2) CLICK the "Find Public Water Systems" button.
3) Enter your system Name or Public Water Supply ID (*46003540*), and then CLICK the "Search" button.
4) In the results section, CLICK on your System Name - this may take a few seconds to download.
5) At the top CLICK on the button "View Preliminary Monitoring Schedule For 2023"

Changes to the preliminary monitoring schedule may occur prior to *January 2023*. 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 2023 monitoring schedule and other documents will be mailed to your water system sampler in *January 2023*.

The back 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 2023. The list can be used to estimate your 2023 monitoring costs. Coliform bacteria compliance sample analysis is available and performed at the Wisconsin State Laboratory of Hygiene at no charge.

The 2023 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. The most recent waiver approvals were completed for Municipal Community Systems for 2023 monitoring requirements.

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.*

Also, please review the attached letter with information regarding the new 2023 monitoring requirements for perfluoroalkyl substances (PFAS) in 2023.

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 (2023)

(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 Trihlaomethanes (TTHMs)	$171	Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane	Distribution System
Bromate	$60	Bromate	Distribution System
Haloacetic acid	$190	HAA5	Distribution System
Volatile Organics	$171	21 Regulated VOCs* 20 Unregulated VOCs*	Entry point Sample

*REGULATED VOC's	*UNREGULATED VOC's	**REGULATED PESTICIDES	
Benzene	1,1-Dichloroethane	Alachlor	Methoxychlor
Vinyl Chloride	1,1-Dichloropropene	Aldicarb, total	Oxamyl (Vydate)
Carbon Tetrachloride	1,1,1,2-Tetrachloroethane	AldicarbSulfoxide	PCBs
1,2-Dichloroethane	1,1,2,2-Tetrachloroethane	AldicarbSulfone	Pentachlorophenol (PCP)
Trichloroethylene	1,2,3-Trichloropropane	Atrazine	Picloram
1,1-Dichloroethylene	1,3-Dichloropropane	Carbofuran	2,4,5-TP
1,1,1-Trichloroethane	1,3-Dichloropropene	Chlordane, total	Simazine
p-Dichlorobenzene	2,2-Dichloropropane	Chlordane, alpha	Toxaphene
cis-1,2-Dichloroethylene	Bromobenzene	Chlordane, gamma	
trans1,2-Dichloroethylene	Bromodichloromethane	2,4-D	
1,2-Dichloropropane	Bromoform	Dalapon	**UNREGULATED PESTICIDES
Ethyl benzene	Bromomethane	Dinoseb	
Chlorobenzene	Chlorodibromomethane	Diquat	Aldrin
o-Dichlorobenzene	Chloroethane	Endothall	Butachlor
Styrene	Chloroform	Endrin	Carbaryl
Tetrachloroethylene	Chloromethane	Glyphosate	Dicamba
Toluene	Dibromomethane	Heptachlor	Dieldrin
Xylene (total)	m-Dichlorobenzene	Heptachlor epoxide	3-Hydroxycarbofuran
Dichloromethane	o-Chlorotoluene	Hexachlorobenzene	Methomyl
1,2,4 Trichlorobenzene	p-Chlorotoluene	Hexachlorocyclopentadiene	Metolachlor (dual)
1,1,2 Trichloroethane		Lindane	Metribuzin
			Propachlor

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Drinking water system owner or operator,

This letter contains information about the Department of Natural Resources (DNR) new maximum contaminant levels (MCLs) for two different perfluoroalkyl substances (PFAS) and the associated monitoring requirements.

MCLs have been set for perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) and are in effect as of August 1, 2022, as part of the revised NR 809, *Safe Drinking Water*, Wis. Adm. Code. PFOA and PFOS are two types of PFAS that are associated with numerous harmful health effects, including: higher cholesterol, reduced immune response, cancer, decreased infant birth weights. More information about the health effects of PFAS exposure can be found the Department of Health Services website: https://www.dhs.wisconsin.gov/chemical/pfas.htm.

The MCL for PFOA and PFOS is 0.000070 mg/L (70 ppt). This level is set for the combined concentration of PFOA and PFOS. Systems that exceed the MCL for PFOA and PFOS will be required to take measures to return to compliance, which may include drilling a new well or installing a treatment system. There are initial and routine monitoring requirements for PFOA and PFOS; they are as follows:

Initial Monitoring Requirements
Water suppliers for community and non-transient, non-community water systems need to take four consecutive, quarterly samples for PFOA and PFOS beginning on the dates provided below in the initial monitoring requirements timeline. Waivers may be available for some systems to reduce the amount of initial quarterly samples by two or three quarters if there are no detections of contaminants in the first two quarters and\or other waiver criteria are met.

Initial Monitoring Timeline
For community and non-transient, non-community systems serving a population of 50,000, monitoring begins on **October 1, 2022 - December 31, 2022**.

For community and non-transient, non-community systems serving a population of 10,000 to 49,999, monitoring begins on **January 1, 2023 - March 1, 2023**.

For community and non-transient, non-community systems serving a population of 300 to 10,000, monitoring begins on **April 1, 2023 - June 30, 2023**.

For community and non-transient, non-community systems serving a population of 50 to 299, monitoring begins on **July 1, 2023 - September 30, 2023**.

For community and non-transient, non-community systems serving a population of 49 or fewer, monitoring begins **October 1, 2023 - December 31, 2023**.

Routing Monitoring
Public water systems that do not detect PFOA or PFOS in the initial compliance period may be eligible for a reduced PFOA and PFOS monitoring frequency to routine monitoring every three years. Eligible public water systems serving a population of 3,300 or fewer need to sample once every three years. Eligible public water systems serving a population more than 3,300 need to sample for two consecutive quarters every three years.

Waivers
Monitoring waivers may be available for initial and routine PFOA and PFOS monitoring. A waiver monitoring period may not exceed six years.

Additional Information about Webinar Training on the Back of this Page

The DNR will be hosting a webinar training for the PFOA and PFOS MCLs. It will take place on October 18, 2022, at 10:00 a.m. You should have received an email with the meeting information. Please see the following link or telephone number to attend the webinar:

Meeting URL:	https://us02web.zoom.us/j/87343354573
Meeting ID:	873 4335 4573
Telephone:	US: +1(312) 626-6799 or +1(646) 931-3860 Enter Meeting ID Above when Prompted

If you are unable to attend the training webinar, a recording will be posted on the DNR website at: DNR.Wisconsin.gov, search, NR 809 Update.

Questions can be directed to William Dougherty at telephone (608) 640-0891 or email at William.Dougherty@Wisconsin.gov.

Thank you.

Public Water System Information Survey

SHEBOYGAN WATER UTILITIES - 46003540

Corrected survey forms should be returned to: *Katie Schulz*

SCAN AND EMAIL TO: *katarina.schulz@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: *Petwara Toyingtrakoon @ (920) 400-0539*

FACILITY INFORMATION:

PWS Name: *SHEBOYGAN WATER UTILITIES*
PWS ID: *46003540*
PWS Type: *Municipal Community System*
Ownership: *Municipal*
Location Address: *72 PARK AVE*
Location City: *SHEBOYGAN*
Zip: *53081*

Population Served
Nontransient: *48,327*
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: *0*
Purchased Groundwater: *0*
Surface Water: *100*
Purchased Surface Water: *0*

EMERGENCY CONTACT INFORMATION:

Name: *Joe R Trueblood*
Title: *SUPT*
E-mail Address: *joetrueblood@sheboyganwater.org*
Address: *72 PARK AVENUE*
City: *SHEBOYGAN* State: *WI* Zip: *53081*

Contact Number(s):
Business: (920)459-3805
Emergency: (920)459-3811
Emergency: (920)946-5690
Emergency: (920)946-6505

24-hour contact number for security or emergency alerts: *(920)946-5690*

LEGAL WELL OWNER INFORMATION:

Individual/Company on Land Deed:
Title:
E-mail Address:
Address:
City: State: Zip:

Contact Number(s):

WATER SYSTEM OWNER INFORMATION:

Name: *Sheboygan City Clerk - Meredith Debruin*
Title:
E-mail Address: *meredith.debruin@sheboyganwi.gov*
Address: *828 CENTER AVENUE SECOND FLOOR*
City: *SHEBOYGAN* State: *WI* Zip: *53081*

Contact Number(s):
Business: (920)459-3361
Fax: (920)459-2917

SAMPLER INFORMATION:

Name: *William Swearingen*
Title: *OPERATIONS SUPERVISOR*
E-mail Address: *billswearingen@sheboyganwater.org*
Address: *72 PARK AVE*
City: *SHEBOYGAN* State: *WI* Zip: *53081*

Contact Number(s):
Business: (920)459-3812
Fax: (920)459-4325

Form: 3300-259
Report run: 09/19/2022

Public Water System Information Survey

SHEBOYGAN WATER UTILITIES - 46003540

CERTIFIED OPERATOR INFORMATION:

Lic #:	Name of Certified Op:	Date started/ended at PWS:	Subclass:	Check If OIC:	Enter OIC Start Date:
35641	Andy J Wellman	12/05/2011 -	DISTRIBUTION		
35641	Andy J Wellman	12/05/2011 -	GROUNDWATER		
35641	Andy J Wellman	12/05/2011 -	IRON REMOVAL		
35641	Andy J Wellman	12/05/2011 -	LIME SOFTENING		
35641	Andy J Wellman	12/05/2011 -	SURFACE WATER		
35641	Andy J Wellman	12/05/2011 -	VOC REMOVAL		
35641	Andy J Wellman	12/05/2011 -	ZEOLITE SOFTENING		
35967	Daniel F Marsicek	08/12/2013 -	GROUNDWATER		
35967	Daniel F Marsicek	08/12/2013 -	LIME SOFTENING		
35967	Daniel F Marsicek	08/12/2013 -	SURFACE WATER		
35470	David Warden	10/02/1995 -	DISTRIBUTION		
35472	David A Boenisch	12/17/2007 -	DISTRIBUTION		
38319	David C Mcmillan Jr	05/28/2019 -	DISTRIBUTION		
30893	Eric J Hinz	10/11/1993 -	DISTRIBUTION		
30893	Eric J Hinz	10/11/1993 -	SURFACE WATER		
29032	Glen J Paider	08/24/1992 -	DISTRIBUTION		
29032	Glen J Paider	08/24/1992 -	GROUNDWATER		
29032	Glen J Paider	08/24/1992 -	IRON REMOVAL		
29032	Glen J Paider	08/24/1992 -	SURFACE WATER		
29032	Glen J Paider	08/24/1992 -	VOC REMOVAL		
35468	Jason H Risseeuw	05/29/2001 -	DISTRIBUTION		
34009	Jeffrey N Bruntjens	10/02/2006 -	DISTRIBUTION		
34009	Jeffrey N Bruntjens	10/02/2006 -	GROUNDWATER		
34009	Jeffrey N Bruntjens	10/02/2006 -	SURFACE WATER		
36750	Joshua A Kubow	12/21/2015 -	SURFACE WATER		
34010	Mark K Vaneffen	07/31/2006 -	SURFACE WATER		
37412	Tamara M Scheuren	04/06/2017 -	DISTRIBUTION		
35469	Thomas J Desombre	02/13/1996 -	DISTRIBUTION		
37177	Tyler Beveridge	08/01/2018 -	SURFACE WATER		
36828	Wayne E Gilbertson	08/15/2017 -	SURFACE WATER		
33019	William D Swearingen	10/23/2002 -	DISTRIBUTION		
33019	William D Swearingen	10/23/2002 -	GROUNDWATER		
33019	William D Swearingen	10/23/2002 -	IRON REMOVAL		
33019	William D Swearingen	10/23/2002 -	LIME SOFTENING		
33019	William D Swearingen	10/23/2002 -	SURFACE WATER		
35471	William R Rose	10/09/1989 -	DISTRIBUTION		

ENTRY POINT/SOURCE INFORMATION:

Source ID:	Unique Well #:	Status:	Description/location:
1		Active	30" intake
2		Active	36" intake
100		Active	

TREATMENT INFORMATION:

Source ID:	Treatment Description:	Reason for Treatment:	Percent of Flow:	Start Date:	End Date:

Form: 3300-259
Report run: 09/19/2022

Public Water System Information Survey

SHEBOYGAN WATER UTILITIES - 46003540

TREATMENT INFORMATION:

Source ID:	Treatment Description:	Reason for Treatment:	Percent of Flow:	Start Date:	End Date:
1	No Treatment / Not Applicable	No Treatment at Source	100	02/09/2000	
2	No Treatment / Not Applicable	No Treatment at Source	100	02/09/2000	
3	No Treatment / Not Applicable	No Treatment at Source	100	02/09/2000	
100	Activated Alumina	Inorganics Removal	100	02/29/2000	
100	Activated Carbon, Powdered	Taste/Odor Control	100	02/29/2000	
100	Coagulation	Particulate Removal	100	03/19/2015	
100	Filtration, Rapid Sand	Inorganics Removal	100	02/29/2000	
100	Filtration, Rapid Sand	Organics Removal	100	02/29/2000	
100	Filtration, Rapid Sand	Particulate Removal	100	02/29/2000	
100	Flocculation	Inorganics Removal	100	02/29/2000	
100	Flocculation	Organics Removal	100	02/29/2000	
100	Flocculation	Particulate Removal	100	02/29/2000	
100	Fluoridation		100	01/01/1946	
100	Hypochlorination, Post	Disinfection	100	02/29/2000	
100	Hypochlorination, Pre	Disinfection	100	02/29/2000	
100	Inhibitor, Orthophosphate	Corrosion Control	100	02/29/2000	
100	Permanganate	Taste/Odor Control	100	02/29/2000	
100	Rapid Mix	Inorganics Removal	100	02/29/2000	
100	Rapid Mix	Particulate Removal	100	02/29/2000	
100	Sedimentation	Inorganics Removal	100	02/29/2000	
100	Sedimentation	Organics Removal	100	02/29/2000	
100	Sedimentation	Particulate Removal	100	02/29/2000	
100	Ultraviolet Radiation	Disinfection	100	07/20/2016	

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

Sells to PWS ID# of Purchaser:	Name of public water supplier:	Exits your system at source id#:
46004442	KOHLER WATERWORKS	
46004552	SHEBOYGAN FALLS UTILITIES	

PLEASE COMPLETE THE FOLLOWING:

Name of person completing this form: _____

Date completed: _____

Form: 3300-259
Report run: 09/19/2022