



August 05, 2020

FILE REF:  
PWS ID#: 11305580  
Madison Country Day School-NN  
Waunakee, WI  
Dane County

ROGER SEAVER  
MADISON COUNTRY DAY SCHOOL  
5506 RIVER RD  
WAUNAKEE, WI 53597

Subject: Sanitary Survey Report

Dear Roger Seaver:

The purpose of a sanitary survey is to evaluate your water system's source, facilities, equipment, operation, maintenance, and management as they relate to providing safe drinking water. The sanitary survey is also an opportunity to update the Department's records, provide technical assistance, and identify potential risks that may adversely affect drinking water quality.

On 08/03/2020, Tony Knipfer conducted a sanitary survey of your water system, Madison Country Day School. During the sanitary survey you and Rick Joslin (DNR) were present. At the completion of the survey, you were briefed on the preliminary findings. This report outlines the final findings, discusses problems that need to be addressed, and timelines for corrective action where appropriate.

**Deficiencies**

During the course of the sanitary survey, 0 deficiencies were identified. Deficiencies are problems in the drinking water system that have the potential to cause serious health risks or represent long-term health risks to consumers. Deficiencies may indicate noncompliance with one or more Wisconsin Administrative Codes. Corrective action should be completed for deficiencies as soon as possible but not later than the compliance due date.

Deficiency	Compliance Due Date	Code Citation
None		

**Recommendations**

During the course of the sanitary survey, 1 recommendation was identified. Recommendations are potential problems in the water system that may hinder your public water system from consistently providing safe drinking water to consumers.

Recommendation
Cap the pump to waste valve to eliminate the leak that is adding moisture in the well house.

**Non-conforming Features**

During the course of the sanitary survey, 0 features that met code requirements at the time of your public water system's construction but would not be allowed in the current code were discovered. These are referred to as "non-conforming features." Though you are not required to correct non-conforming features at this time, they will need to be corrected when any major work is done in the future.

<b><u>Non-conforming Features</u></b>
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None

**Water Quality Monitoring and Reporting**

Your system has a very good record of compliance with monitoring and reporting requirements. We appreciate your continued efforts in complying with these Safe Drinking Water Act requirements.

**Required Reports, Records, and Utility Programs**

All required reports, notices, and certifications have been submitted.

**Certified Operator**

Our records indicate that you, Roger Seaver, are the certified small water system operator for this facility. Your certification is set to expire on 11/01/2022. Additional information regarding the operator certification program can be found at <https://dnr.wi.gov/regulations/opcert/>.

**Water System Security**

We recommend that you conduct a daily security check of your entire drinking water system to ensure doors are locked and windows secured.

**System Summary Information**

Drinking water at Madison Country Day School is provided one well, BN633. The well was constructed in 1976 and is protected by 105 feet of 10" steel casing and neat cement grout. Additionally, a segment of 16" well casing forms a protective collar surrounding the exposed 10" casing and continues to 32 feet below the surface. A submersible pump discharges through a one-piece sanitary seal, and the water line then returns below grade without leaving the large doghouse structure housing the well.

The water line enters the building in a closet in a basement bathroom prior to continuing into a mechanicals room. In the mechanicals room, three captive air pressure tanks provide storage. Insulation on the pressure tanks does not allow for information to be obtained on the make and model of the tanks, but they appear to be approximately 150 gallons each. The water softener at the facility softens hot water only and is the only water treatment.

The facility is served by municipal wastewater.

A water system summary is attached. Please review for accuracy. If there are changes that need to be made, contact Tony Knipfer at 608 228-6227.

**Capacity Development Evaluation**

This sanitary survey serves as an evaluation of the capabilities of your water system. This system has been determined to have adequate technical, managerial, and financial capacity to provide safe drinking water. The ability to plan for, achieve, and maintain compliance with applicable drinking water standards has been demonstrated.

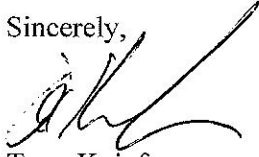
The next sanitary survey of your system is scheduled to take place in 2025. You will be contacted prior to the survey to schedule a date that is convenient for you.

**Required Action**

The survey did not find anything that required correcting at this time.

Thank you for your time and assistance during the sanitary survey. If you have any questions, you can reach me by phone at 608 228-6227, by fax at 608 275-3338, by e-mail at [Anthony.knipfer@wisconsin.gov](mailto:Anthony.knipfer@wisconsin.gov), or by postal mail at the address on this letterhead.

Sincerely,



Tony Knipfer

Encl.

cc: Bureau of Drinking Water/Groundwater - DG/5

## Water System Summary Information

System ID: 11305580  
 System Name: MADISON COUNTRY DAY SCHOOL  
 County: Dane  
 Type: Non-transient Non-community  
 Non-transient Population: 460  
 Transient Population: 200  
 Service Connections: 1

Owner: ROGER SEAVER  
 5506 RIVER RD  
 WAUNAKEE, WI 53597  
 (608) 850-6000 Fax: (608) 850-6006      rseaver@madisoncountryday.org

Date Security VA Complete:  
 Date ERP Complete:  
 Date ERP Last Exercised/Updated:  
 Emergency Phone: (608) 850-6000  
 Emergency Fax: (608) 850-6006  
 Emergency E-mail: rseaver@madisoncountryday.org

### Certified Operators

Name	Lic. #	Expires	Phone/Fax/E-mail	Address 1	City, State, Zip
ROGER SEAVER	62051	11/01/2022	(608) 850-6000 rseaver@madisoncountryday.org	5606 RIVER RD	WAUNAKEE, WI 53597

### Affiliations

Name	Affiliation	Start Date	Primary?	Phone
ROGER SEAVER	SAMPLER	08/29/2013	Y	608-850-6000 x6113
ROGER SEAVER	OWNER	10/09/2019	Y	608-850-6000 x6113
ROGER SEAVER	EMERGENCY	08/09/2013	Y	608-332-0238
TONY KNIPFER	DNR_REP	07/06/2016	Y	608-228-6227

### Entry Points and Sources of Water (Basic Data)

Source ID	WUWN	Status	Type	Source	Depth	Cased	Grouted
1	BN633	Active	ENTRY PT/SOURCE	Ground Water Source	200'	105'	105'

### Entry Points and Sources of Water (Misc. Data)

Source ID	PLSS	Lat./Long.	Pump Cap.	Pump Type	Aux. Power?
1	T8, R9E, S23, Q-NE QQ-NW	43.16268N x 89.38746W		Submersible	Unknown

**Storage**

ID/Location	Type	Vol. (gal)	Firm Pumping Capacity (gpm)	Aux. Power?	Mfg.	Model
001/ Basement Utility Room	PRESSURE TANK	150		Unknown		
001/Basement Utility Room	PRESSURE TANK	150		Unknown		
001/Basment Utility Room	PRESSURE TANK	150		Unknown		

**Booster Stations**

ID/Location	Type	Firm Pumping Capacity (gpm)	Aux. Power?
None			

**System Interconnects**

ID/Location	Type	Capacity (gpm)	Metered?	Chemical Injection Capable?
None				

**Treatment Summary Data**

Source ID	Type	Description	Begin	End	Objective(s)	Pump Model	Cap.	Sol. Tank Cap.	Dil. Ratio	Comments
1	000	0	01/01/1960		No Treatment at Source					

**System Evaluation Summary**

Inspector/Reviewer	Date	Report Date	Type	Agency	Response Due	Response Recd
KNIPFER, TONY	08/03/2020	8/5/2020	SURVEY	DNR		
KRALICK, JAMES A	07/30/2015	08/10/2015	SURVEY	DNR		
ALES, STEPHEN M	09/01/2010	09/03/2010	SURVEY	DNR		
HEIMKE, SANDY	09/14/2005	09/15/2005	SURVEY	DNR		
HEIMKE, SANDY	11/12/2001	11/13/2001	SURVEY	DNR		
HEIMKE, SANDY	03/24/1999	06/18/1999	SURVEY	DNR		
STAUBER, MIKE	09/28/1995	10/30/1995	SURVEY	COUNTY		
GRASSHOFF, RON	12/21/1990	12/26/1990	SURVEY	DNR		
OLIG, DAVID	01/19/1977	02/08/1977	SURVEY	DNR		

**Bacteriological Sampling History**

Year	Distribution Safe	Distribution Unsafe	Confirmed Unsafe	Missed Samples	Raw Safe	Raw Unsafe	Fecal Positive?
2020	2			0			N
2019	4			0			N
2018	4			0			N
2017	4			0			N
2016	3	1		0			N
2015	4			0			N
2014	4			0			N

**Chemical Sampling History**

Year	Sample Group	Source ID	Samples Taken	Missed Samples	MCL Violations
2020	NITRATE	1	2	0	0
2019	SOC	1	1	0	0
2019	VOC	1	1	0	0
2019	NITRATE	1	4	0	0
2019	IOC	1	1	0	0
2018	NITRATE	1	4	0	0
2017	NITRATE	1	3	0	0
2017	PBCU		5	0	0
2016	VOC	1	1	0	0
2016	IOC	1	1	0	0

Sample Group	Last Sampled
BACTI	2020
IOC	2019
PBCU	2017
NITRATE	2020
TRIAZINE	1999
VOC	2019
SOC	2019

**MCL Violations**

Source ID	Contaminant	Concentration	MCL	Units	Viol. Start	Viol. End	Continuing Operation?
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None

**Definitions**

MCL = Maximum Contaminant Limit (as set by the Environmental Protection Agency (EPA))

BACTI = Bacteriological Sample

IOC = Sample for Inorganic Compounds

NITRATE = Nitrate Sample

PBCU = Lead and Copper Sample

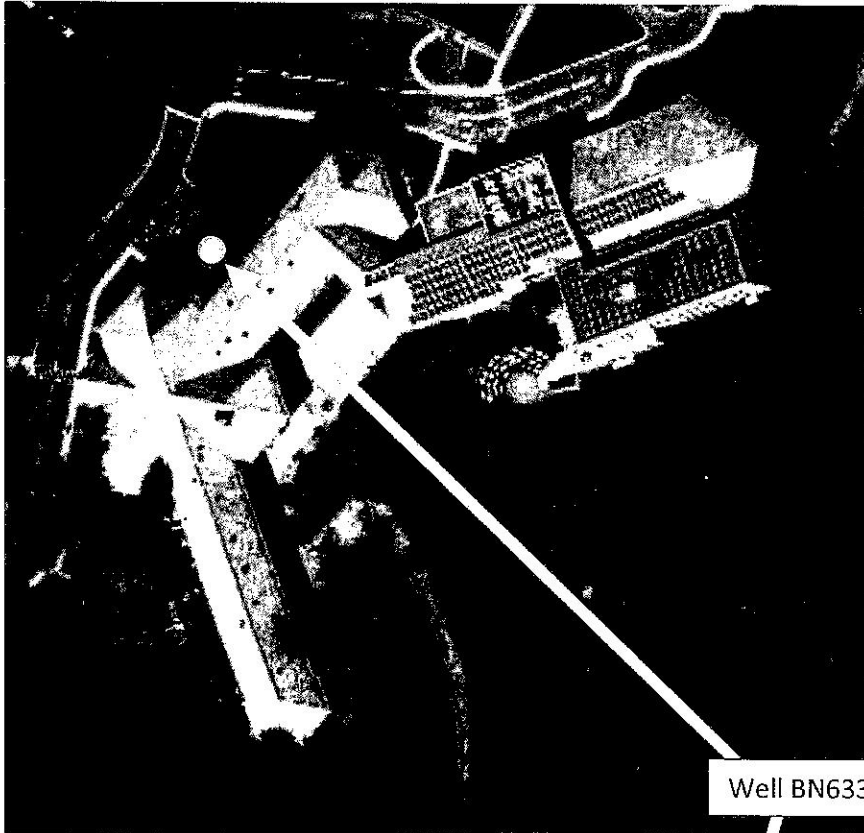
RAD = Sample for Radioactivity

SOC = Sample for Synthetic Organic Compounds

VOC = Sample for Volatile Organic Compounds

FLUORIDE = Fluoride from Fluoridation

TTHM = Total Trihalomethane Sample



Well BN633



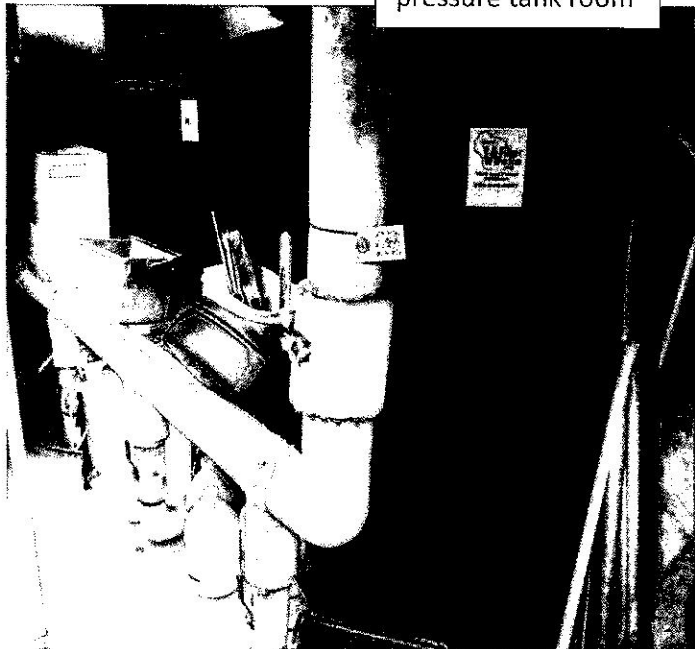
Recommendation- Cap the pump to waste valve to eliminate the leak that is adding moisture in the well house.



Water line entering building



Water line entering pressure tank room





**Wisconsin Department of Natural Resources**  
**Drinking Water System**  
**Monitoring Site Plan Grouped by Usage**

Group: Nontransient Noncommunity (NN); South Central Region (1); Dane County (13); DNR Rep: KNIPFA

11305580 MADISON COUNTRY DAY SCHOOL

Type: NN Status: A Dane County

South Central Region

DNR Rep: KNIPFER, TONY

**Usage: Bacti - Total Coliform Raw Water and Groundwater Triggered/Repeat**

<u>ID:</u>	<u>Location Address:</u>	<u>Location Description:</u>	<u>Sample Source:</u>	<u>EP ID:</u>	<u>Usage Details:</u>	<u>Start Date:</u>	<u>End Date:</u>	<u>Source Water Svc. Zone</u>
W-1	5606 RIVER ROAD	LOWER SCHOOL LOCKER ROOM PUMP CLOSET	Well	1		01/01/1960		

**Usage: Bacti - Total Coliform Rule Compliance**

<u>ID:</u>	<u>Location Address:</u>	<u>Location Description:</u>	<u>Sample Source:</u>	<u>EP ID:</u>	<u>Usage Details:</u>	<u>Start Date:</u>	<u>End Date:</u>	<u>Source Water Svc. Zone</u>
D-5	5606 RIVER ROAD	POD ROOM SINK	Dist Sys			01/01/1960		
D-3	5606 RIVER ROAD	RM 101 LS CLASSROOM SINK	Dist Sys			01/01/1960		
D-4	5606 RIVER ROAD	RM 124 US SCIENCE LAB	Dist Sys			01/01/1960		
D-2	5606 RIVER ROAD	RM 220 LS SINK	Dist Sys			01/01/1960		
D-1	5606 RIVER ROAD	RM 232 LS CLASSROOM SINK	Dist Sys			01/01/1960		

**Usage: Inorganics EP Compliance**

<u>ID:</u>	<u>Location Address:</u>	<u>Location Description:</u>	<u>Sample Source:</u>	<u>EP ID:</u>	<u>Usage Details:</u>	<u>Start Date:</u>	<u>End Date:</u>	<u>Source Water Svc. Zone</u>
E-1	5606 RIVER ROAD	MOP SINK IN PRESSURE TANK ROOM	Entry Pt	1		01/01/1960		

**Usage: Lead and Copper Rule Compliance**

<u>ID:</u>	<u>Location Address:</u>	<u>Location Description:</u>	<u>Sample Source:</u>	<u>EP ID:</u>	<u>Usage Details:</u>	<u>Start Date:</u>	<u>End Date:</u>	<u>Source Water Svc. Zone</u>
D-8	5606 RIVER ROAD	BISTRO SINK	Dist Sys		PBCU_EXCEPT	01/01/1960		
D-10	5606 RIVER ROAD	KINDERGARTEN FOUNTAIN	Dist Sys		PBCU_EXCEPT	01/01/1960		

**Wisconsin Department of Natural Resources  
Drinking Water System  
Monitoring Site Plan Grouped by Usage**

<b>Usage: Lead and Copper Rule Compliance</b>								<u>Source</u>
<u>ID:</u>	<u>Location Address:</u>	<u>Location Description:</u>	<u>Sample Source:</u>	<u>EP ID:</u>	<u>Usage Details:</u>	<u>Start Date:</u>	<u>End Date:</u>	<u>Water Svc.</u>
								<u>Zone</u>
D-6	5606 RIVER ROAD	LS LOWER LEVEL HALL FOUNTAIN	Dist Sys		PBCU_EXCEPT	01/01/1960		
D-9	5606 RIVER ROAD	LS MUSIC FOUNTAIN	Dist Sys		PBCU_EXCEPT	01/01/1960		
D-7	5606 RIVER ROAD	PRE-K HALL FOUNTAIN	Dist Sys		PBCU_EXCEPT	01/01/1960		
<b>Usage: Synthetic Organics EP Compliance</b>								<u>Source</u>
<u>ID:</u>	<u>Location Address:</u>	<u>Location Description:</u>	<u>Sample Source:</u>	<u>EP ID:</u>	<u>Usage Details:</u>	<u>Start Date:</u>	<u>End Date:</u>	<u>Water Svc.</u>
								<u>Zone</u>
E-1	5606 RIVER ROAD	MOP SINK IN PRESSURE TANK ROOM	Entry Pt	1		01/01/1960		
<b>Usage: Volatile Organics EP Compliance</b>								<u>Source</u>
<u>ID:</u>	<u>Location Address:</u>	<u>Location Description:</u>	<u>Sample Source:</u>	<u>EP ID:</u>	<u>Usage Details:</u>	<u>Start Date:</u>	<u>End Date:</u>	<u>Water Svc.</u>
								<u>Zone</u>
E-1	5606 RIVER ROAD	MOP SINK IN PRESSURE TANK ROOM	Entry Pt	1		01/01/1960		

No of systems in group: 1