

AGENDA
SHAKOPEE PUBLIC UTILITIES COMMISSION
REGULAR MEETING
January 6, 2020

1. **Call to Order** at 5:00pm in the SPUC Service Center, 255 Sarazin Street.
2. **Approval of Minutes**
3. **Communication**
 - 3a) Thank You Letter from the Southern Valley Alliance for Battered Women
4. **Approve the Agenda**
5. **Approval of Consent Business**
6. **Bills: Approve Warrant List**
7. **Liaison Report**
8. **Reports: Water Items**
 - 8a) Water System Operations Report – Verbal
 - 8b) Resn. #1262 – Approving Payment For The Pipe Oversizing Costs On The Watermain Project – Mount Olive Church
 - 8c) Resn. #1263 – Approving Payment For The Pipe Oversizing Costs On The Watermain Project – Windermere South Second Addition
 - C=> 8d) 2018 Water Fluoridation Compliance Award
 - C=> 8e) Quarterly Nitrate Results
 - 8f) Water Storage Tower #8 Property Purchase
9. **Reports: Electric Items**
 - 9a) Electric System Operations Report – Verbal
 - 9b) Resn. #1264 – Establishing Electric Rates For Customers Served By Shakopee Public Utilities
 - 9c) MMPA Board Meeting Public Summary – November 2019
 - 9d) MMPA Board Meeting Public Summary – December 2019
10. **Reports: Human Resources**
11. **Reports: General**
 - 11a) State Conservation Improvement Program – Review and Approval
12. **New Business**
13. **Tentative Dates for Upcoming Meetings**

- Mid Month Meeting	--	January 21 (Tuesday)
- Regular Meeting	--	February 3
- Mid Month Meeting	--	February 18 (Tuesday)
- Regular Meeting	--	March 3
14. **Adjourn** to 1/21/20 at the SPUC Service Center, 255 Sarazin Street

MINUTES
OF THE
SHAKOPEE PUBLIC UTILITIES COMMISSION
(Regular Meeting)

President Joos called the regular session of the Shakopee Public Utilities Commission to order at the Shakopee Public Utilities meeting room at 5:00 P.M., December 16, 2019.

MEMBERS PRESENT: Commissioners Joos, Amundson, Meyer, Clay and Mocol. Also present, Liaison Lehman, Utilities Manager Crooks, Finance Director Schmid, Planning & Engineering Director Adams, Electric Superintendent Drent and Water Superintendent Schemel.

Motion by Mocol, seconded by Amundson to approve the minutes of the December 2, 2019 Commission meeting. Motion carried.

Under Communications, Commissioner Mocol discussed the fence encroachment issue, as the homeowner contacted her regarding the issue. Staff had been advised by the City Engineer that SPU is no longer a part of the resolution, as it is now between the City and the resident.

President Joos offered the agenda for approval.

Motion by Amundson, seconded by Clay to approve the agenda as presented. Motion carried.

Motion by Mocol, seconded by Clay to approve the Consent Business agenda as presented. Motion carried.

President Joos stated that the Consent Items were: Item 8b: Water Production Dashboard and Item 11g: November 2019 Financial Results.

The warrant listing for bills paid December 16, 2019 was presented.

Motion by Amundson, seconded by Meyer to approve the warrant listing dated December 16, 2019 as presented. Motion carried.

Liaison Lehman stated there was no Liaison Report

Water Superintendent Schemel provided a report of current water operations. Mr. Schemel reviewed preventative maintenance activities that will take place in January.

Item 8b: Water Production Dashboard was received under Consent Business.

Motion by Meyer, seconded by Mocol to offer Resolution #1254. A Resolution Adjusting Fees Applied Under the Reconstruction Fund Charge Resolution. Ayes: Commissioners Clay, Amundson, Mocol, Meyer and Joos. Nay: none. Motion carried. Resolution passed.

Electric Superintendent Drent provided a report of current electric operations. Mr. Drent reviewed the Dean Lake Substation tap outage in detail. An electric outage at Sarazin and Eagle Creek was discussed. Construction updates were provided.

Motion by Clay, seconded by Mocol to offer Resolution #1255. A Resolution Adjusting Fees Applied Under the Relocation Underground Charge Resolution. Ayes: Commissioners Meyer, Mocol, Amundson, Clay and Joos. Nay: none. Motion carried. Resolution passed.

Motion by Meyer, seconded by Amundson to offer Resolution #1256. A Resolution Adjusting Fees Applied Under the Installation of Underground Electrical Distribution Systems Policy Resolution. Ayes: Commissioners Mocol, Amundson, Meyer, Clay and Joos. Nay: none. Motion carried. Resolution passed.

Utilities Manager Crooks provided an update on the contract for SPU website development with Vivid Image. Two proposals were presented.

Motion by Meyer, seconded by Clay to proceed and have Staff execute Proposal A, with annual hosting fees of \$720 and a core development budget of \$13,800. Motion Carried.

Motion by Amundson, seconded by Mocol to offer Resolution #1257. A Resolution Adopting Fees and Charges for 2020. Ayes: Commissioners Clay, Meyer, Mocol, Amundson and Joos. Nay: none. Motion carried. Resolution passed.

Motion by Mocol, seconded by Meyer to offer Resolution #1258. A Resolution Designating an Official Means of Publication. Ayes: Commissioners Meyer, Clay, Amundson, Mocol and Joos. Nay: none. Motion carried. Resolution passed.

Motion by Meyer, seconded by Clay to offer Resolution #1259. A Resolution Designating Official Depositories of the Shakopee Public Utilities Commission Funds. Ayes: Commissioners Amundson, Mocol, Meyer, Clay and Joos. Nay: none. Motion carried. Resolution passed.

Motion by Amundson, seconded by Meyer to offer Resolution #1260. A Resolution Allowing the Use of Facsimile Signature for Check Signing. Ayes: Commissioners Mocol, Meyer, Amundson, Clay and Joos. Nay: none. Motion carried. Resolution passed.

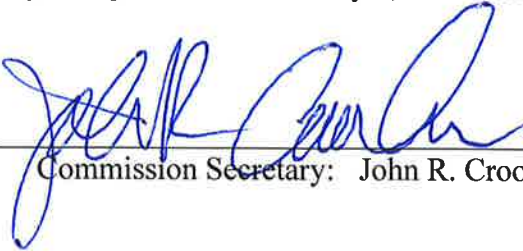
Motion by Mocol, seconded by Amundson to offer Resolution #1261. A Resolution Authorizing Certain Payments from the Shakopee Public Utilities Commission to the City of Shakopee. Ayes: Commissioners Clay, Amundson, Mocol, Meyer and Joos. Nay: none. Motion carried. Resolution passed.

Item 11g: November 2019 Financial Results was received under Consent Business.

Under New Business, President Joos extended nice words to Mr. Crooks regarding his current health issues.

The tentative commission meeting dates of January 6 and January 21 (Tuesday) were noted.

Motion by Amundson, seconded by Clay to adjourn to the January 6, 2020 meeting. Motion carried.



Commission Secretary: John R. Crooks



SVABW

Southern Valley Alliance
for Battered Women

Ending Domestic Violence in Scott and Carver Counties

3a

551 E. Park St, P.O. Box 166
Belle Plaine, MN 56011
☎ 952-873-4214
☎ 952-873-4673
✉ info@svabw.org

www.svabw.org

November 21, 2019

Shakopee Public Utilities
c/o John Crooks
P.O. Box 470
Shakopee, Mn 55379


Dear John,

On behalf of Southern Valley Alliance for Battered Women, I want to sincerely thank you for your Silver Sponsorship donation of \$1,000.00 for Jeans & Gems Gala.

Over the last 36 years, SVABW has served over 20,000 victims and children of domestic violence and we couldn't do this important work without supporters like you. SVABW has grown into a prevention and solutions focused organization partnering with law enforcement, county legal systems, social services and healthcare providers to make the communities of Scott and Carver counties a better, safer place to live.

Thank you for making a positive impact in our community - your support is greatly appreciated.

Sincerely,


Christie Larson
Executive Director

*We are so grateful
for your support!*



"We make a living
by what we get,
but we make a life
by what we give."
-Winston Churchill

SVABW is a 501(c)(3) organization. Your contribution is tax deductible to the extent allowed by law. No goods or services were provided in exchange for your donation.

RESOLUTION #1262

A RESOLUTION APPROVING PAYMENT FOR THE PIPE OVERSIZING COSTS ON THE WATERMAIN PROJECT:

MOUNT OLIVE CHURCH

WHEREAS, the Shakopee Public Utilities Commission had previously approved of an estimated amount of \$20,018.89 with Resolution #1250 for oversizing on the above described watermain project, and

WHEREAS, the pipe sizes required for that project have been installed as shown on the engineering drawing by Westwood Professional Services, Inc., and

WHEREAS, a part, or all, of the project contains pipe sizes larger than would be required under the current Standard Watermain Design Criteria as adopted by the Shakopee Public Utilities Commission, and

WHEREAS, the policy of the Shakopee Public Utilities Commission calls for the payment of these costs to install oversize pipe above the standard size.

NOW THEREFORE, BE IT RESOLVED, that the payment by the Shakopee Public Utilities Commission for the oversizing on this project is approved in the amount of \$19,394.15, and

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this Resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission, this 6th day of January, 2020.

Commission President: Terrance Joos

ATTEST:

Commission Secretary: John R. Crooks

RESOLUTION #1263

A RESOLUTION APPROVING PAYMENT FOR THE PIPE OVERSIZING
COSTS ON THE WATERMAIN PROJECT:

WINDERMERE SOUTH SECOND ADDITION

WHEREAS, the Shakopee Public Utilities Commission had previously approved of an estimated amount of \$181,191.96 with the amount of oversizing attributed to trunk water main being equal to \$75,707.12 and the amount of oversizing attributed to transmission water main being equal to \$105,484.84 with Resolution #1247 for oversizing on the above described watermain project, and

WHEREAS, the pipe sizes required for that project have been installed as shown on the engineering drawing by Westwood Professional Services, Inc., and

WHEREAS, a part, or all, of the project contains pipe sizes larger than would be required under the current Standard Watermain Design Criteria as adopted by the Shakopee Public Utilities Commission, and

WHEREAS, the policy of the Shakopee Public Utilities Commission calls for the payment of these costs to install oversize pipe above the standard size.

NOW THEREFORE, BE IT RESOLVED, that the payment by the Shakopee Public Utilities Commission for the oversizing on this project is approved in the amount of \$172,292.01 with the amount of oversizing attributed to trunk water main being equal to \$77,667.67 and the amount of oversizing attributed to transmission water main being equal to \$94,624.34, and

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this Resolution are hereby authorized and performed.



Passed in regular session of the Shakopee Public Utilities Commission, this 6th day of January, 2020.

Commission President: Terrance Joos

ATTEST:

Commission Secretary: John R. Crooks

**SHAKOPEE PUBLIC UTILITIES
MEMORANDUM**

TO: John R. Crooks, Utilities Manager 
FROM: Lon R. Schemel, Water Superintendent 
SUBJECT: **2018 Water Fluoridation Quality Award**
DATE: December 26, 2019

The Minnesota Department of Health announced that Shakopee Public Utilities has been awarded a Water Fluoridation Quality Award from the U.S. Centers for Disease Control and Prevention (CDC). Water fluoridation is the adjustment of fluoride in the drinking water supply to a level which safely and effectively reduces tooth decay and promotes good oral health. The award recognizes those communities that maintained a consistent level of optimally fluoridated water throughout 2018.

Community water fluoridation has been recognized by the CDC as one of the 10 great public health achievements of the 20th Century. CDC recommends water fluoridation as a safe, effective, and inexpensive method of preventing tooth decay. In fact, every \$1 invested in fluoridation saves approximately \$32 in costs for dental treatment.¹

SPU's employees understand the importance of their duties and work hard to safeguard the public's health.

¹ <https://www.cdc.gov/fluoridation/basics/cost.htm>



2018

Water Fluoridation Quality Award

SHAKOPEE

Minnesota

The Centers for Disease Control and Prevention commends this water system for its consistent and professional adjustment of the fluoride content to the recommended level for oral health for 12 consecutive months in 2018. High quality water fluoridation, as demonstrated by this water system, is a safe and effective method to prevent tooth decay and improve the oral health of all community residents.

Handwritten signature of Casey Hannan in blue ink.

Casey Hannan, MPH
Director Acting, Division of Oral Health
National Center for Chronic Disease Prevention and Health Promotion
Centers for Disease Control and Prevention

Handwritten signature of Theresa J. Boehmer in blue ink.

Theresa "Tracy" J. Boehmer, P.E.
National Fluoridation Engineer, Division of Oral Health
National Center for Chronic Disease Prevention and Health Promotion
Centers for Disease Control and Prevention



**U.S. Department of
Health and Human Services**
Centers for Disease
Control and Prevention



SHAKOPEE PUBLIC UTILITIES COMMISSION

"Lighting the Way - Yesterday, Today and Beyond"

8e

MEMORANDUM

TO: John R. Crooks, Utilities Manager *JRC*

FROM: Lon R. Schemel, Water Superintendent *LS*

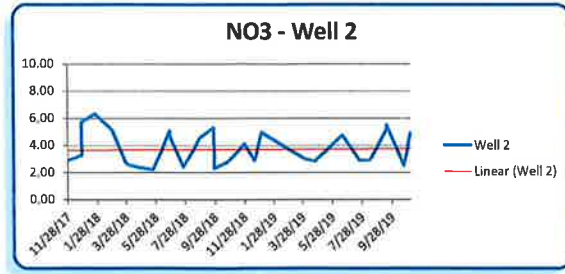
SUBJECT: Nitrate Results Update -- Advisory

DATE: December 27, 2019

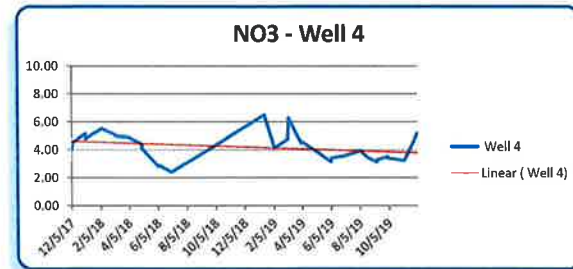
Attached are the latest nitrate test results for the wells. The analyses provided are for the prior 2 years of data collected with trend graphs.

Shakopee Public Utilities Commission
Water Department
Nitrate Results
Reported in mg/L

Location	Sample Collected	Results Received	Results	Lab	Run Time
2	11/28/17	12/11/17	2.90	MVTL	168 hrs prior
2	12/26/17	1/9/18	3.28	MVTL	168 hrs prior
2	12/26/17	2/20/18	5.70	MDH	
2	1/23/18	2/20/18	6.32	MVTL	168 hrs prior
2	2/27/18	3/9/18	5.14	MVTL	168 hrs prior
2	3/27/18	5/31/18	2.70	MDH	
2	4/3/18	4/10/18	2.55	MVTL	168 hrs prior
2	4/24/18	5/9/18	2.37	MVTL	168 hrs prior
2	5/22/18	5/31/18	2.21	MVTL	168 hrs prior
2	5/22/18	6/14/18	2.20	MDH	
2	6/26/18	7/2/18	5.07	MVTL	312 hrs prior
2	6/26/18	8/17/18	4.70	MDH	
2	7/24/18	8/17/18	2.41	MVTL	264 hrs prior
2	8/28/18	10/15/18	4.57	MVTL	168 hrs prior
2	9/25/18	10/15/18	5.30	MVTL	168 hrs prior
2	9/26/18	10/15/18	2.30	MDH	
2	10/23/18	11/7/18	2.76	MVTL	168 hrs prior
2	11/27/18	12/5/18	4.12	MVTL	168 hrs prior
2	12/18/18	12/26/18	2.89	MVTL	168 hrs prior
2	12/18/18	1/14/19	2.90	MDH	
2	1/2/19	1/14/19	4.97	MVTL	168 hrs prior
2	4/1/19	7/11/19	3.00	MDH	
2	4/23/19	5/1/19	2.84	MVTL	168 hrs prior
2	4/23/19	5/17/19	2.90	MDH	
2	5/21/19	5/29/19	3.83	MVTL	168 hrs prior
2	6/18/19	7/3/19	4.74	MVTL	168 hrs prior
2	7/23/19	7/29/19	2.89	MVTL	168 hrs prior
2	8/13/19	8/23/19	2.90	MVTL	168 hrs prior
2	9/17/19	10/3/19	5.16	MVTL	168 hrs prior
2	9/17/19	11/12/19	5.50	MDH	
2	10/22/19	11/12/19	2.52	MVTL	168 hrs prior
2	11/5/19	11/14/19	4.91	MVTL	168 hrs prior



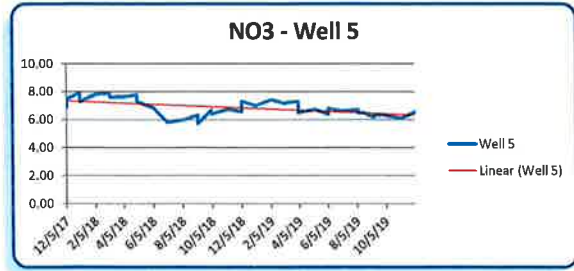
4	12/5/17	12/22/17	4.12	MVTL	192 hrs prior
4	12/5/17	1/8/18	4.50	MDH	
4	1/2/18	1/16/18	5.15	MVTL	168 hrs prior
4	1/2/18	2/20/18	4.80	MDH	
4	2/6/18	2/20/18	5.50	MVTL	168 hrs prior
4	3/6/18	3/26/18	5.09	MVTL	168 hrs prior
4	3/6/18	3/26/18	5.00	MDH	
4	4/3/18	4/10/18	4.89	MVTL	168 hrs prior
4	5/1/18	5/9/18	4.40	MVTL	168 hrs prior
4	5/1/18	6/26/18	4.10	MDH	
4	6/5/18	6/14/18	2.80	MVTL	168 hrs prior
4	6/5/18	7/18/18	2.90	MDH	
4	7/3/18	11/19/18	2.40	MDH	168 hrs prior
4	1/15/19	1/29/19	6.50	MVTL	168 hrs prior
4	2/5/19	2/12/19	4.16	MVTL	168 hrs prior
4	3/5/19	3/14/19	4.76	MVTL	168 hrs prior
4	3/5/19	3/29/19	4.80	MDH	
4	3/7/19	3/25/19	6.30	MDH	168 hrs prior
4	4/2/19	4/11/19	4.48	MVTL	168 hrs prior
4	4/2/19	12/9/19	4.60	MDH	
4	5/7/19	5/14/19	3.82	MVTL	168 hrs prior
4	6/4/19	6/21/19	3.14	MVTL	168 hrs prior
4	6/4/19	7/11/19	3.40	MDH	
4	7/2/19	7/24/19	3.57	MVTL	168 hrs prior
4	8/6/19	8/23/19	3.95	MVTL	168 hrs prior
4	8/6/19	12/9/19	3.90	MDH	
4	8/20/19	8/27/19	3.44	MVTL	168 hrs prior
4	9/9/19	10/3/19	3.11	MVTL	168 hrs prior
4	9/9/19	11/12/19	3.30	MDH	
4	10/1/19	11/12/19	3.50	MVTL	168 hrs prior
4	10/1/19	12/9/19	3.40	MDH	
4	11/5/19	11/14/19	3.24	MVTL	168 hrs prior
4	12/3/19	12/13/19	5.18	MVTL	168 hrs prior



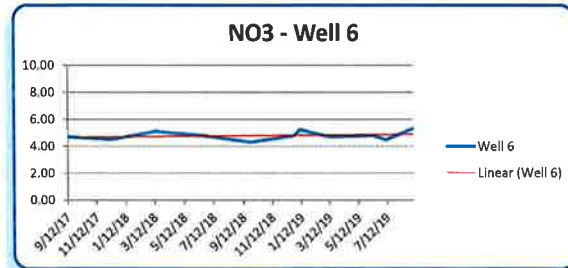
MVTL = Minnesota Valley Testing Laboratories
MDH = Minnesota Department of Health
TCWC = Twin City Water Clinic

Shakopee Public Utilities Commission
Water Department
Nitrate Results
Reported in mg/L

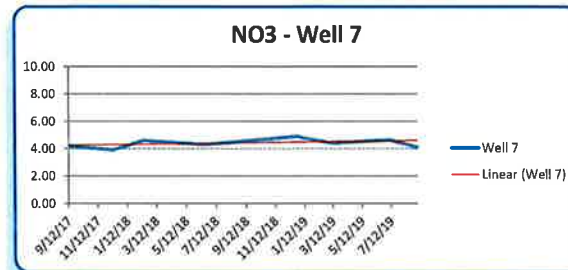
Location	Sample Collected	Results Received	Results	Lab	Run Time
5	12/5/17	12/22/17	6.89	MVTL	192 hrs prior
5	12/5/17	1/8/18	7.50	MDH	
5	1/2/18	1/16/18	7.88	MVTL	168 hrs prior
5	1/2/18	2/20/18	7.30	MDH	
5	2/6/18	2/20/18	7.80	MVTL	168 hrs prior
5	3/6/18	3/26/18	7.84	MVTL	168 hrs prior
5	3/6/18	3/26/18	7.60	MDH	
5	4/3/18	4/10/18	7.62	MVTL	168 hrs prior
5	5/1/18	5/9/18	7.75	MVTL	168 hrs prior
5	5/1/18	6/26/18	7.30	MDH	
5	6/5/18	6/14/18	6.83	MVTL	168 hrs prior
5	6/5/18	7/18/18	6.80	MDH	
5	7/3/18	11/19/18	5.80	MDH	
5	8/7/18	8/20/18	5.99	MVTL	168 hrs prior
5	9/4/18	10/15/18	6.32	MVTL	168 hrs prior
5	9/4/18	10/15/18	5.70	MDH	
5	10/2/18	10/15/18	6.67	MVTL	168 hrs prior
5	10/2/18	11/19/18	6.40	MDH	
5	11/6/18	11/19/18	6.74	MVTL	168 hrs prior
5	12/4/18	12/11/18	6.55	MVTL	168 hrs prior
5	12/4/18	12/26/18	7.30	MDH	
5	1/2/19	1/14/19	7.01	MVTL	168 hrs prior
5	1/2/19	3/4/19	7.00	MDH	
5	2/5/19	2/12/19	7.42	MVTL	168 hrs prior
5	3/5/19	3/14/19	7.16	MVTL	168 hrs prior
5	3/5/19	3/29/19	7.20	MDH	
5	4/2/19	4/11/19	7.29	MVTL	168 hrs prior
5	4/2/19	12/9/19	6.50	MDH	
5	5/7/19	5/14/19	6.73	MVTL	168 hrs prior
5	6/4/19	6/21/19	6.38	MVTL	168 hrs prior
5	6/4/19	7/11/19	6.80	MDH	
5	7/2/19	7/24/19	6.62	MVTL	168 hrs prior
5	8/6/19	8/23/19	6.70	MVTL	168 hrs prior
5	8/6/19	12/9/19	6.50	MDH	
5	8/20/19	8/27/19	6.46	MVTL	168 hrs prior
5	9/9/19	10/3/19	6.16	MVTL	168 hrs prior
5	9/9/19	11/12/19	6.30	MDH	
5	10/1/19	11/12/19	6.34	MVTL	168 hrs prior
5	10/1/19	12/9/19	6.30	MDH	
5	11/5/19	11/14/19	6.10	MVTL	168 hrs prior
5	12/3/19	12/13/19	6.53	MVTL	168 hrs prior



6	9/12/17	10/20/17	4.70	MDH	168 hrs prior
6	12/12/17	1/8/18	4.50	MDH	168 hrs prior
6	3/13/18	4/10/18	5.10	MDH	168 hrs prior
6	6/19/18	7/18/18	4.80	MDH	456 hrs prior
6	9/26/18	10/15/18	4.30	MDH	192 hrs prior
6	12/27/18	2/5/19	4.80	MDH	168 hrs prior
6	1/8/19	1/14/19	5.21	MVTL	168 hrs prior
6	3/12/19	3/29/19	4.70	MDH	168 hrs prior
6	6/11/19	7/11/19	4.80	MDH	168 hrs prior
6	7/9/19	7/24/19	4.48	MVTL	168 hrs prior
6	9/3/19	11/12/19	5.30	MDH	



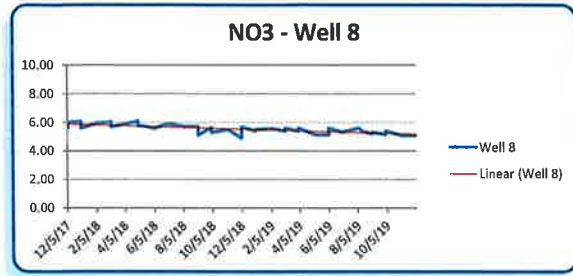
7	9/12/17	10/3/17	4.20	MDH	168 hrs prior
7	12/12/17	1/8/18	3.90	MDH	168 hrs prior
7	2/13/18	3/26/18	4.60	MDH	168 hrs prior
7	6/19/18	7/18/18	4.30	MDH	456 hrs prior
7	9/18/18	10/15/18	4.60	MDH	216 hrs prior
7	12/27/18	2/5/19	4.90	MDH	168 hrs prior
7	1/8/19	1/14/19	4.78	MVTL	168 hrs prior
7	3/12/19	3/29/19	4.40	MDH	168 hrs prior
7	6/11/19	7/11/19	4.60	MDH	168 hrs prior
7	7/9/19	7/24/19	4.64	MVTL	168 hrs prior
7	9/3/19	11/12/19	4.10	MDH	



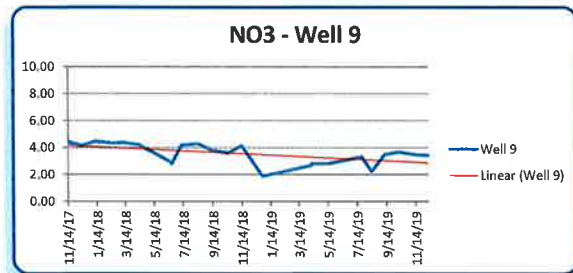
MVTL = Minnesota Valley Testing Laboratories
MDH = Minnesota Department of Health
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Shakopee Public Utilities Commission
Water Department
Nitrate Results
Reported in mg/L

Location	Sample Collected	Results Received	Results	Lab	Run Time
8	12/5/17	12/22/17	5.61	MVTL	192 hrs prior
8	12/5/17	1/8/18	6.00	MDH	
8	1/2/18	1/16/18	6.07	MVTL	168 hrs prior
8	1/2/18	2/20/18	5.60	MDH	
8	2/6/18	2/20/18	5.94	MVTL	168 hrs prior
8	3/6/18	3/26/18	6.03	MVTL	168 hrs prior
8	3/6/18	3/26/18	5.70	MDH	
8	4/3/18	4/10/18	5.88	MVTL	168 hrs prior
8	5/1/18	5/9/18	6.08	MVTL	168 hrs prior
8	5/1/18	6/26/18	5.80	MDH	
8	6/5/18	6/14/18	5.59	MVTL	168 hrs prior
8	6/5/18	7/18/18	5.60	MDH	
8	7/3/18	11/19/18	5.90	MDH	
8	8/7/18	8/20/18	5.72	MVTL	168 hrs prior
8	9/4/18	10/15/18	5.72	MVTL	168 hrs prior
8	9/4/18	10/15/18	5.10	MDH	
8	10/2/18	10/15/18	5.65	MVTL	168 hrs prior
8	10/2/18	11/19/18	5.30	MDH	
8	11/6/18	11/19/18	5.51	MVTL	168 hrs prior
8	12/4/18	12/11/18	4.89	MVTL	168 hrs prior
8	12/4/18	12/26/18	5.70	MDH	
8	1/2/19	1/14/19	5.41	MVTL	168 hrs prior
8	1/2/19	3/4/19	5.50	MDH	
8	2/5/19	2/12/19	5.58	MVTL	168 hrs prior
8	3/5/19	3/14/19	5.41	MVTL	168 hrs prior
8	3/5/19	3/29/19	5.80	MDH	
8	4/2/19	4/11/19	5.40	MVTL	168 hrs prior
8	4/2/19	12/9/19	5.60	MDH	
8	5/7/19	5/14/19	5.13	MVTL	168 hrs prior
8	6/4/19	6/21/19	5.12	MVTL	168 hrs prior
8	6/4/19	7/11/19	5.60	MDH	
8	7/2/19	7/24/19	5.32	MVTL	168 hrs prior
8	8/6/19	12/9/19	5.60	MDH	
8	8/13/19	8/23/19	5.38	MVTL	168 hrs prior
8	9/3/19	10/3/19	5.20	MVTL	168 hrs prior
8	9/3/19	11/12/19	5.30	MDH	
8	10/1/19	11/12/19	5.16	MVTL	168 hrs prior
8	10/1/19	12/9/19	5.40	MDH	
8	11/5/19	11/14/19	5.08	MVTL	168 hrs prior
8	12/3/19	12/13/19	5.08	MVTL	168 hrs prior



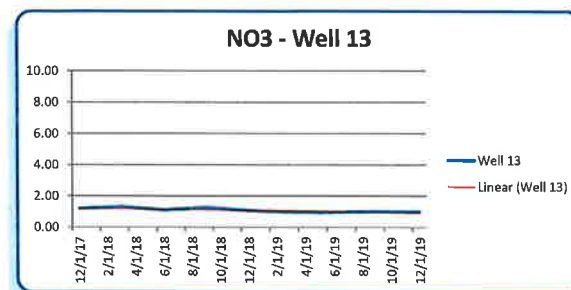
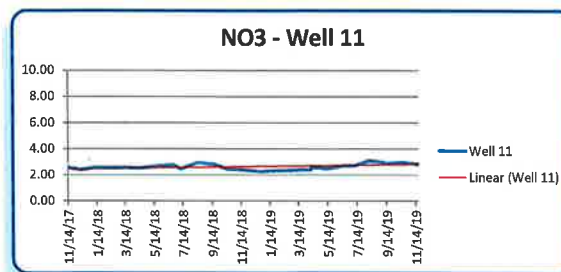
9	11/14/17	11/21/17	4.43	MVTL	168 hrs prior
9	12/12/17	12/22/17	4.14	MVTL	168 hrs prior
9	1/9/18	1/16/18	4.45	MVTL	168 hrs prior
9	2/13/18	2/20/18	4.33	MVTL	168 hrs prior
9	3/13/18	3/26/18	4.36	MVTL	168 hrs prior
9	4/10/18	4/18/18	4.23	MVTL	168 hrs prior
9	6/19/18	6/26/18	2.92	MVTL	96 hrs prior
9	6/19/18	7/18/18	2.80	MDH	
9	7/10/18	7/18/18	4.20	MVTL	240 hrs prior
9	8/14/18	8/20/18	4.29	MVTL	168 hrs prior
9	9/11/18	10/15/18	3.83	MVTL	168 hrs prior
9	10/16/18	11/7/18	3.61	MVTL	168 hrs prior
9	11/13/18	11/29/18	4.15	MVTL	168 hrs prior
9	12/27/18	1/14/19	1.87	MVTL	168 hrs prior
9	4/9/19	4/16/19	2.69	MVTL	168 hrs prior
9	4/9/19	5/1/19	2.80	MDH	
9	5/14/19	5/20/19	2.82	MVTL	168 hrs prior
9	7/23/19	7/29/19	3.32	MVTL	168 hrs prior
9	8/13/19	8/23/19	2.23	MVTL	168 hrs prior
9	9/9/19	10/3/19	3.49	MVTL	168 hrs prior
9	10/8/19	11/12/19	3.68	MVTL	168 hrs prior
9	12/10/19	12/19/19	3.42	MVTL	168 hrs prior
9	11/12/19	12/9/19	3.48	MVTL	168 hrs prior



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Shakopee Public Utilities Commission
Water Department
Nitrate Results
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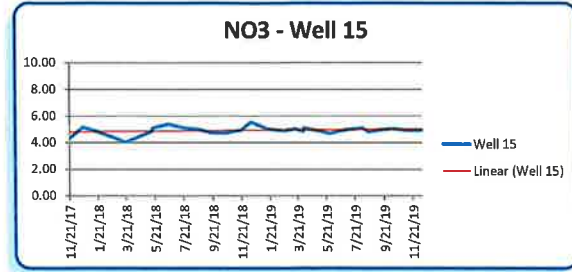
Location	Sample Collected	Results Received	Results	Lab	Run Time
10	4/17/12	4/20/12	< 1.00	TCWC	158 hrs prior
10	1/21/14	1/29/14	< 1.00	TCWC	144 hrs prior
10	3/25/14	4/1/14	3.61	MVTL	96 hrs prior
10	4/23/14	5/7/14	< 0.20	MVTL	24 hrs prior
10	4/23/14	6/16/14	< 0.05	MDH	*
10	6/16/15	6/26/15	< 0.05	MVTL	144 hrs prior
10	4/11/17	4/17/17	< 0.05	MVTL	168 hrs prior
10	1/8/19	1/14/19	< 0.05	MVTL	168 hrs prior
10	7/9/19	7/24/19	< 0.05	MVTL	168 hrs prior
11	11/14/17	11/21/17	2.57	MVTL	168 hrs prior
11	12/12/17	12/22/17	2.39	MVTL	168 hrs prior
11	1/9/18	1/16/18	2.57	MVTL	168 hrs prior
11	2/13/18	2/20/18	2.54	MVTL	168 hrs prior
11	3/13/18	3/26/18	2.59	MVTL	168 hrs prior
11	4/10/18	4/19/18	2.53	MVTL	168 hrs prior
11	6/22/18	7/18/18	2.80	MDH	24 hrs prior
11	7/10/18	7/18/18	2.48	MVTL	24 hrs prior
11	8/14/18	8/20/18	2.95	MVTL	168 hrs prior
11	9/18/18	10/15/18	2.83	MVTL	168 hrs prior
11	10/16/18	11/7/18	2.45	MVTL	168 hrs prior
11	11/13/18	11/29/18	2.41	MVTL	168 hrs prior
11	12/27/18	1/14/19	2.25	MVTL	168 hrs prior
11	1/8/19	1/14/19	2.31	MVTL	168 hrs prior
11	4/9/19	4/16/19	2.40	MVTL	168 hrs prior
11	4/9/19	5/1/19	2.60	MDH	
11	5/14/19	5/20/19	2.48	MVTL	168 hrs prior
11	6/18/19	7/3/19	2.71	MVTL	168 hrs prior
11	7/9/19	7/24/19	2.72	MVTL	168 hrs prior
11	8/6/19	8/23/19	3.07	MVTL	168 hrs prior
11	8/20/19	8/27/19	3.06	MVTL	168 hrs prior
11	9/17/19	10/3/19	2.89	MVTL	168 hrs prior
11	10/15/19	11/12/19	2.98	MVTL	168 hrs prior
11	11/19/19	12/9/19	2.84	MVTL	168 hrs prior
12	4/11/17	4/17/17	0.92	MVTL	168 hrs prior
12	9/5/17	9/26/17	0.72	MVTL	168 hrs prior
12	12/5/17	12/22/17	0.72	MVTL	168 hrs prior
12	9/4/18	10/15/18	0.62	MVTL	168 hrs prior
12	12/4/18	12/11/18	0.58	MVTL	144 hrs prior
12	3/5/19	3/14/19	0.68	MVTL	168 hrs prior
12	5/28/19	6/6/19	0.53	MVTL	168 hrs prior
12	9/9/19	10/3/19	0.65	MVTL	168 hrs prior
12	12/10/19	12/19/19	0.74	MVTL	168 hrs prior
13	12/5/17	12/22/17	1.20	MVTL	168 hrs prior
13	3/6/18	3/26/18	1.32	MVTL	168 hrs prior
13	6/5/18	6/14/18	1.11	MVTL	24 hrs prior
13	9/4/18	10/15/18	1.28	MVTL	168 hrs prior
13	12/4/18	12/11/18	1.08	MVTL	168 hrs prior
13	3/5/19	3/14/19	0.98	MVTL	168 hrs prior
13	5/28/19	6/6/19	0.95	MVTL	168 hrs prior
13	9/3/19	10/3/19	1.01	MVTL	168 hrs prior
13	12/3/19	12/13/19	1.00	MVTL	168 hrs prior
14	4/23/14	6/16/14	< 0.05	MDH	*
14	4/11/17	4/17/17	< 0.05	MVTL	20 hrs prior
14	9/5/17	9/26/17	< 0.05	MVTL	24 hrs prior
14	12/5/17	12/22/17	< 0.05	MVTL	168 hrs prior
14	3/6/18	3/26/18	< 0.05	MVTL	168 hrs prior
14	6/5/18	6/14/18	< 0.05	MVTL	24 hrs prior



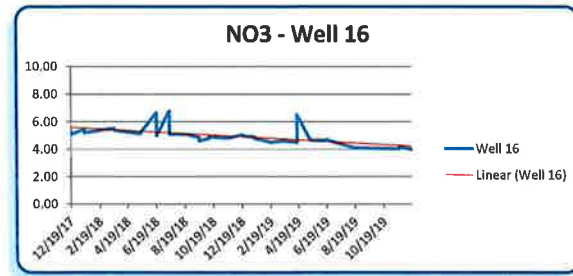
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Shakopee Public Utilities Commission
Water Department
Nitrate Results
Reported in mg/L

Location	Sample Collected	Results Received	Results	Lab	Run Time
15	11/21/17	12/11/17	4.36	MVTL	168 hrs prior
15	12/19/17	12/27/17	5.17	MVTL	192 hrs prior
15	1/16/18	2/20/18	4.88	MVTL	168 hrs prior
15	3/20/18	3/27/18	4.04	MVTL	168 hrs prior
15	5/15/18	5/31/18	4.88	MVTL	168 hrs prior
15	5/15/18	5/31/18	5.10	MDH	
15	6/19/18	6/26/18	5.40	MVTL	408 hrs prior
15	7/17/18	8/17/18	5.16	MVTL	120 hrs prior
15	8/21/18	10/15/18	5.02	MVTL	168 hrs prior
15	9/18/18	10/15/18	4.76	MVTL	168 hrs prior
15	10/16/18	11/7/18	4.74	MVTL	168 hrs prior
15	11/20/18	11/29/18	4.98	MVTL	168 hrs prior
15	12/11/18	12/21/18	5.54	MVTL	168 hrs prior
15	1/15/19	1/29/19	5.05	MVTL	168 hrs prior
15	2/19/19	3/4/19	4.91	MVTL	168 hrs prior
15	3/15/19	3/25/19	5.05	MVTL	168 hrs prior
15	4/2/19	4/11/19	4.87	MVTL	168 hrs prior
15	4/2/19	5/1/19	5.10	MDH	
15	5/7/19	5/14/19	4.89	MVTL	168 hrs prior
15	5/28/19	6/6/19	4.70	MVTL	168 hrs prior
15	7/2/19	7/24/19	4.99	MVTL	168 hrs prior
15	8/6/19	8/23/19	5.11	MVTL	168 hrs prior
15	8/20/19	8/27/19	4.81	MVTL	168 hrs prior
15	9/9/19	10/3/19	4.97	MVTL	168 hrs prior
15	10/8/19	11/12/19	5.07	MVTL	168 hrs prior
15	12/10/19	12/19/19	4.95	MVTL	168 hrs prior
15	11/12/19	12/9/19	4.93	MVTL	168 hrs prior



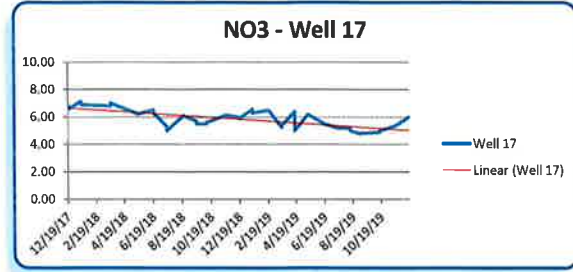
16	12/19/17	12/27/17	5.29	MVTL	192 hrs prior
16	12/19/17	2/20/18	5.10	MDH	
16	1/16/18	2/20/18	5.44	MVTL	168 hrs prior
16	1/16/18	3/9/18	5.20	MDH	
16	3/20/18	3/27/18	5.53	MVTL	168 hrs prior
16	3/20/18	5/31/18	5.40	MDH	
16	5/15/18	5/31/18	5.14	MVTL	168 hrs prior
16	5/15/18	6/26/18	5.20	MDH	
16	6/19/18	6/26/18	6.65	MVTL	408 hrs prior
16	6/19/18	7/18/18	5.00	MDH	
16	7/17/18	8/17/18	6.76	MVTL	408 hrs prior
16	7/17/18	11/19/18	5.10	MDH	
16	9/18/18	10/15/18	4.87	MVTL	168 hrs prior
16	9/18/18	10/15/18	4.60	MDH	
16	10/9/18	10/15/18	4.79	MVTL	168 hrs prior
16	10/9/18	11/19/18	4.90	MDH	
16	8/21/18	10/15/18	5.09	MVTL	192 hrs prior
16	11/20/18	11/29/18	4.81	MVTL	168 hrs prior
16	12/18/18	12/26/18	5.06	MVTL	192 hrs prior
16	12/18/18	1/14/19	5.00	MDH	
16	1/15/19	1/29/19	4.90	MVTL	168 hrs prior
16	1/15/19	3/4/19	4.80	MDH	
16	2/19/19	3/4/19	4.51	MVTL	168 hrs prior
16	3/19/19	3/25/19	4.63	MVTL	168 hrs prior
16	3/19/19	4/4/19	4.60	MDH	
16	4/16/19	4/23/19	4.50	MVTL	168 hrs prior
16	4/16/19	12/9/19	6.50	MDH	
16	5/14/19	5/20/19	4.68	MVTL	168 hrs prior
16	6/18/19	7/3/19	4.64	MVTL	168 hrs prior
16	6/18/19	7/11/19	4.70	MDH	
16	7/16/19	7/24/19	4.40	MVTL	168 hrs prior
16	8/20/19	8/27/19	4.08	MVTL	168 hrs prior
16	8/20/19	12/9/19	4.10	MDH	
16	11/19/19	12/9/19	4.04	MVTL	168 hrs prior
16	11/20/19	12/26/19	4.20	MDH	
16	12/17/19	12/26/19	3.99	MVTL	168 hrs prior



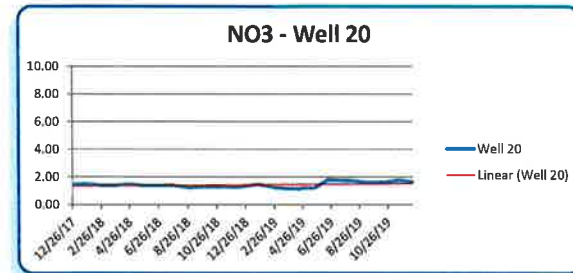
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TCWC = Twin City Water Clinic

Shakopee Public Utilities Commission
 Water Department
 Nitrate Results
 Reported in mg/L

Location	Sample Collected	Results Received	Results	Lab	Run Time
17	12/19/17	12/27/17	6.85	MVTL	192 hrs prior
17	12/19/17	2/20/18	6.60	MDH	
17	1/16/18	2/20/18	7.12	MVTL	168 hrs prior
17	1/16/18	3/9/18	6.90	MDH	
17	3/20/18	5/31/18	6.80	MDH	
17	3/20/18	3/27/18	7.00	MVTL	168 hrs prior
17	5/15/18	5/31/18	6.27	MVTL	168 hrs prior
17	5/15/18	6/26/18	6.20	MDH	
17	6/19/18	6/26/18	6.52	MVTL	408 hrs prior
17	6/19/18	7/18/18	6.30	MDH	
17	7/17/18	8/17/18	5.30	MVTL	408 hrs prior
17	7/17/18	11/19/18	5.00	MDH	
17	8/21/18	10/15/18	6.10	MVTL	168 hrs prior
17	9/18/18	10/15/18	5.70	MVTL	168 hrs prior
17	9/18/18	10/15/18	5.50	MDH	
17	10/9/18	10/15/18	5.50	MVTL	168 hrs prior
17	10/9/18	11/19/18	5.60	MDH	
17	11/20/18	11/29/18	6.13	MVTL	168 hrs prior
17	12/18/18	12/26/18	5.97	MVTL	168 hrs prior
17	12/18/18	1/14/19	5.90	MDH	
17	1/15/19	1/29/19	6.56	MVTL	168 hrs prior
17	1/15/19	3/4/19	6.30	MDH	
17	2/19/19	3/4/19	6.49	MVTL	168 hrs prior
17	3/19/19	3/25/19	5.25	MVTL	168 hrs prior
17	3/19/19	4/4/19	5.40	MDH	
17	4/16/19	4/23/19	6.40	MVTL	168 hrs prior
17	4/16/19	12/9/19	5.00	MDH	
17	5/14/19	5/20/19	6.19	MVTL	168 hrs prior
17	6/18/19	7/3/19	5.50	MVTL	168 hrs prior
17	6/18/19	7/11/19	5.50	MDH	
17	7/16/19	7/24/19	5.20	MVTL	168 hrs prior
17	8/13/19	8/23/19	5.16	MVTL	168 hrs prior
17	8/13/19	12/9/19	5.00	MDH	
17	9/3/19	10/3/19	4.77	MVTL	168 hrs prior
17	9/3/19	11/12/19	4.80	MDH	
17	10/15/19	11/12/19	4.89	MVTL	168 hrs prior
17	10/15/19	12/9/19	5.00	MDH	
17	11/19/19	12/9/19	5.38	MVTL	168 hrs prior
17	12/17/19	12/26/19	5.98	MVTL	168 hrs prior



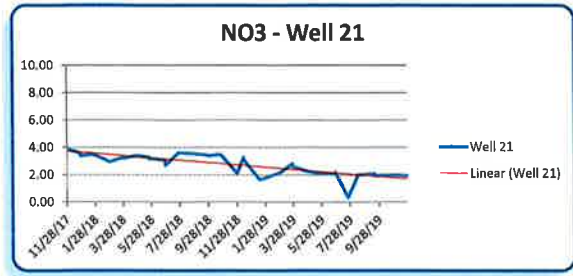
20	12/26/17	1/9/18	1.46	MVTL	168 hrs prior
20	1/23/18	2/20/18	1.51	MVTL	168 hrs prior
20	2/27/18	3/9/18	1.41	MVTL	168 hrs prior
20	3/27/18	4/10/18	1.43	MVTL	168 hrs prior
20	4/24/18	5/9/18	1.49	MVTL	168 hrs prior
20	5/22/18	5/31/18	1.42	MVTL	168 hrs prior
20	5/22/18	6/14/18	1.40	MDH	
20	6/26/18	7/2/18	1.39	MVTL	72 hrs prior
20	7/24/18	8/17/18	1.42	MVTL	576 hrs prior
20	8/28/18	10/15/18	1.24	MVTL	192 hrs prior
20	9/25/18	10/15/18	1.30	MVTL	168 hrs prior
20	10/23/18	11/7/18	1.30	MVTL	216 hrs prior
20	12/11/18	12/21/18	1.29	MVTL	168 hrs prior
20	1/22/19	2/5/19	1.49	MVTL	168 hrs prior
20	2/26/19	3/6/19	1.25	MVTL	168 hrs prior
20	3/26/19	4/1/19	1.18	MVTL	168 hrs prior
20	4/23/19	5/1/19	1.15	MVTL	168 hrs prior
20	4/23/19	5/17/19	1.20	MDH	
20	5/21/19	5/29/19	1.21	MVTL	168 hrs prior
20	6/18/19	7/3/19	1.79	MVTL	168 hrs prior
20	8/20/19	8/27/19	1.72	MVTL	168 hrs prior
20	9/9/19	10/3/19	1.63	MVTL	168 hrs prior
20	10/15/19	11/12/19	1.64	MVTL	168 hrs prior
20	11/19/19	12/9/19	1.78	MVTL	168 hrs prior
20	12/17/19	12/26/19	1.67	MVTL	168 hrs prior



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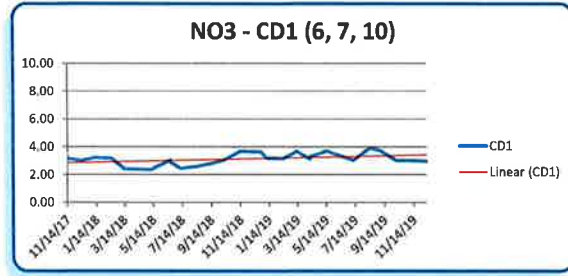
Shakopee Public Utilities Commission
 Water Department
 Nitrate Results
 Reported in mg/L

Location	Sample Collected	Results Received	Results	Lab	Run Time
21	11/28/17	12/11/17	3.90	MVTL	168 hrs prior
21	12/26/17	1/9/18	3.58	MVTL	168 hrs prior
21	12/26/17	2/20/18	3.40	MDH	
21	1/23/18	2/20/18	3.49	MVTL	168 hrs prior
21	2/27/18	3/9/18	2.95	MVTL	168 hrs prior
21	3/27/18	4/10/18	3.28	MVTL	168 hrs prior
21	3/27/18	5/31/18	3.20	MDH	
21	4/24/18	5/9/18	3.40	MVTL	168 hrs prior
21	5/22/18	5/31/18	3.30	MVTL	168 hrs prior
21	5/22/18	6/14/18	3.20	MDH	
21	6/26/18	7/2/18	3.07	MVTL	240 hrs prior
21	6/26/18	8/17/18	2.70	MDH	
21	7/24/18	8/17/18	3.60	MVTL	576 hrs prior
21	8/28/18	10/15/18	3.54	MVTL	168 hrs prior
21	9/25/18	10/15/18	3.45	MVTL	216 hrs prior
21	9/26/18	10/15/18	3.40	MDH	
21	10/23/18	11/7/18	3.49	MVTL	168 hrs prior
21	11/27/18	12/5/18	2.13	MVTL	192 hrs prior
21	12/11/18	12/21/18	3.28	MVTL	168 hrs prior
21	12/11/18	1/14/19	3.10	MDH	
21	1/15/19	1/29/19	1.65	MVTL	168 hrs prior
21	2/26/19	3/6/19	2.13	MVTL	168 hrs prior
21	3/26/19	4/1/19	2.82	MVTL	168 hrs prior
21	3/26/19	7/11/19	2.60	MDH	
21	4/23/19	5/1/19	2.31	MVTL	168 hrs prior
21	4/23/19	5/17/19	2.30	MDH	
21	5/21/19	5/29/19	2.12	MVTL	168 hrs prior
21	6/25/19	7/3/19	2.11	MVTL	168 hrs prior
21	6/25/19	8/3/19	2.20	MDH	
21	7/23/19	7/29/19	0.33	MVTL	168 hrs prior
21	8/13/19	8/23/19	2.00	MVTL	168 hrs prior
21	9/17/19	11/12/19	2.10	MDH	
21	9/17/19	10/3/19	1.94	MVTL	168 hrs prior
21	10/22/19	11/12/19	1.99	MVTL	168 hrs prior
21	11/26/19	12/13/19	1.94	MVTL	168 hrs prior



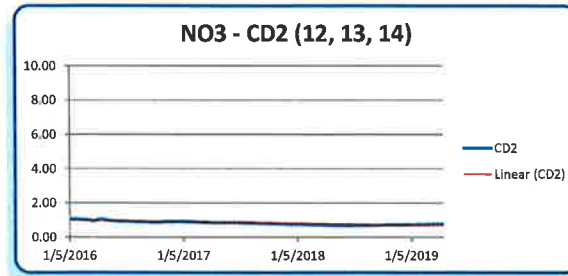
Combined Discharge - Wells 6-7-10

CD 1	11/14/17	11/21/17	3.16	MVTL	168 hrs prior
CD 1	12/12/17	12/22/17	3.00	MVTL	168 hrs prior
CD 1	1/9/18	1/16/18	3.23	MVTL	168 hrs prior
CD 1	2/13/18	2/20/18	3.16	MVTL	168 hrs prior
CD 1	3/13/18	3/26/18	2.42	MVTL	168 hrs prior
CD 1	5/8/18	5/31/18	2.36	MVTL	168 hrs prior
CD 1	6/19/18	6/26/18	3.05	MVTL	168 hrs prior
CD 1	6/19/18	7/18/18	2.90	MDH	
CD 1	7/10/18	7/18/18	2.46	MVTL	240 hrs prior
CD 1	8/14/18	8/20/18	2.59	MVTL	168 hrs prior
CD 1	9/11/18	10/15/18	2.78	MVTL	168 hrs prior
CD 1	10/9/18	10/15/18	3.06	MVTL	168 hrs prior
CD 1	11/13/18	11/29/18	3.68	MVTL	168 hrs prior
CD 1	12/27/18	1/14/19	3.63	MVTL	168 hrs prior
CD 1	1/8/19	1/14/19	3.19	MVTL	168 hrs prior
CD 1	2/12/19	2/22/19	3.16	MVTL	168 hrs prior
CD 1	3/12/19	3/18/19	3.67	MVTL	168 hrs prior
CD 1	4/9/19	4/16/19	3.13	MVTL	168 hrs prior
CD 1	4/9/19	5/1/19	3.30	MDH	
CD 1	5/14/19	5/20/19	3.69	MVTL	168 hrs prior
CD 1	6/11/19	6/21/19	3.37	MVTL	168 hrs prior
CD 1	7/9/19	7/24/19	3.04	MVTL	168 hrs prior
CD 1	8/13/19	8/23/19	3.89	MVTL	168 hrs prior
CD 1	9/3/19	10/3/19	3.74	MVTL	168 hrs prior
CD 1	10/8/19	11/12/19	3.02	MVTL	168 hrs prior
CD 1	12/10/19	12/19/19	2.96	MVTL	168 hrs prior
CD 1	11/12/19	12/9/19	3.00	MVTL	168 hrs prior



Combined Discharge - Wells 12-13-14

CD 2	1/5/2016	1/13/2016	1.08	MVTL	192 hrs prior
CD 2	2/23/2016	2/29/2016	1.03	MVTL	208 hrs prior
CD 2	3/22/2016	3/28/2016	0.96	MVTL	288 hrs prior
CD 2	4/12/2016	4/19/2016	1.07	MVTL	120 hrs prior
CD 2	5/10/2016	5/16/2016	0.98	MVTL	165 hrs prior
CD 2	5/10/2016	6/2/2016	0.97	MDH	
CD 2	7/12/2016	7/18/2016	0.93	MVTL	170 hrs prior
CD 2	10/11/2016	10/17/2016	0.87	MVTL	168 hrs prior
CD 2	11/8/2016	11/17/2016	0.91	MVTL	168 hrs prior
CD 2	1/10/2017	1/20/2017	0.92	MVTL	216 hrs prior
CD 2	4/11/2017	4/17/2017	0.85	MVTL	144 hrs prior
CD 2	6/8/2017	6/28/2017	0.86	MDH	144 hrs prior
CD 2	6/22/2018	7/18/2018	0.67	MDH	528 hrs prior
CD 2	4/16/2019	5/1/2019	0.78	MDH	165 hrs prior




MVTL = Minnesota Valley Testing Laboratories
 MDR = Minnesota Department of Health
 TCWC = Twin City Water Clinic

SHAKOPEE PUBLIC UTILITIES
MEMORANDUM

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TO: John Crooks, Utilities Manager

FROM: Joseph D. Adams, Planning & Engineering Director 

SUBJECT: Water Tank Site - Property Purchase Agreement Update

DATE: December 31, 2019

Staff reports that the purchase of the water tank #8 site is now complete. The closing occurred on Wednesday December 18th in the offices of Scott County Abstract and Title. All parties agreed that it went smoothly.

RESOLUTION #1264

A RESOLUTION ESTABLISHING ELECTRIC RATES FOR CUSTOMERS SERVED BY SHAKOPEE PUBLIC UTILITIES

BE IT RESOLVED BY THE SHAKOPEE PUBLIC UTILITIES COMMISSION at meeting duly assembled on the 6th day of January, 2020, that Resolution #1223 and Resolution #1234 are repealed upon this resolution taking effect, and that the following electric rates shall be and hereby are established for applicable customers of the Shakopee Public Utilities Commission, City of Shakopee.

Section I: RESIDENTIAL SERVICE:
Availability: Residential dwellings

The sum of:

Service Charge:	\$9.00 per month
Energy Charge:	\$0.0988 per KWH
Power Cost Adjustment:	set by separate resolution
Conservation Program Charge:	set by separate resolution

Minimum bill: the Service Charge

Section II: RESIDENTIAL WATER HEATING: (CLOSED)

Availability: Existing installations only

The sum of:

Service Charge:	\$9.00 per month
Energy Charge:	\$0.0988 per KWH
Power Cost Adjustment	set by separate resolution
Conservation Program Charge:	set by separate resolution

The minimum monthly bill for water heating service is the Service Charge.

The Service Charge will be waived where the customer also takes electric service other than water heating under another standard rate.

Section III: RESIDENTIAL SERVICE WITH DUAL FUEL HEAT: (CLOSED)

Availability:

Existing installations only.
Residential customers with separately metered electric heat and a backup heat source.
The electric heat is subject to interruption.
Service is through separate meter for electric heat, with approved control device.

The sum of:

All charges and terms applicable to RESIDENTIAL SERVICE, except:

Energy Charge:	\$0.0882 per KWH
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Section IV: SEPARATE METERED AIR CONDITIONING: (CLOSED)

Availability:

Existing installations only.

Residential customers with separately metered air conditioning subject to interruption.

Service is through separate meter for air conditioning, with approved control device.

The sum of:

All charges and terms applicable to RESIDENTIAL SERVICE, except:

Energy Charge: \$0.0882 per KWH

Section V: SERVICE FOR SENIOR CITIZENS:

Availability: Residential dwelling occupied by senior citizen(s)

The sum of:

Service Charge: \$6.00 per month

Energy Charge: \$0.0988 per KWH

Power Cost Adjustment: set by separate resolution

Conservation Program Charge: set by separate resolution

Minimum bill: the Service Charge

Section VI: COMMERCIAL SERVICE:

Availability: Non-residential customers with less than 15 KW Demand

The sum of:

Service Charge: \$14.00 per month

Energy Charge: \$0.0944 per KWH

Power Cost Adjustment: set by separate resolution

Conservation Program Charge: set by separate resolution

Minimum bill: the Service Charge

Section VII: LARGE GENERAL SERVICE:

Availability: Non-residential customers with demand of 15 KW but less than 150 KW. Service above 75 KW is 3 phase only, except by written exception.

The sum of:

SERVICE CHARGE: \$60.00 per month

DEMAND CHARGE:
All KW of billing demand \$9.50 per KW

ENERGY CHARGE:
All KWH per month \$0.0585 per KWH

Section VII: continued

POWER COST ADJUSTMENT set by separate resolution

CONSERVATION PROGRAM CHARGE: set by separate resolution

Minimum monthly bill: the Service Charge plus the Demand Charge

Billing Demand:

The billing demand shall be the customer's greatest 15 minute demand in kilowatts, incurred during the month for which the bill is rendered, but not less than 60% of the highest demand during the preceding 11 months or 15 KW, whichever is greater.

Section VIII: LARGE INDUSTRIAL SERVICE:

Availability: Non-Residential customer with demand of 150 KW and over.

The billing demand shall be as described in this section.

The sum of:

SERVICE CHARGE: \$100.00 per month

DEMAND CHARGE:
All KW of billing demand \$9.50 per KW

ENERGY CHARGE:
First KWH's up to 400 hours times
the billing Demand \$0.0585 per KWH

All KWH's in excess of 400 hours times
the billing Demand \$0.0523 per KWH

POWER COST ADJUSTMENT set by separate resolution

CONSERVATION PROGRAM CHARGE: set by separate resolution

Minimum monthly bill: the Service Charge plus the Demand Charge

Determination of billing Demand:

The billing demand shall be the customer's greatest 15 minute demand in kilowatts, incurred during the month for which the bill is rendered, but not less than 60% of the highest billing demand during the preceding 11 months or 15 KW, whichever is greater.

The customer agrees to maintain an average power factor at or above 90%. If the average power factor is less than 90% lagging, the billing demand shall be adjusted by multiplying the actual 15 minute demand measured during the month by the ratio of 90% to the average power factor expressed in percent.

Average Power Factor:

The average power factor is defined to be the quotient obtained by dividing the KWH used during the month by the square root of the sum of the squares of the KWH used and the lagging reactive kilovolt-ampere-hours supplied during the same period. Any leading kilovolt-ampere-hours supplied during the period will not be considered in determining the average power factor.

Section IX: LOW LOAD FACTOR CLAUSE:

A customer, whose usage characteristic is routinely below a 5 percent monthly load factor, may apply to the Utilities Commission for assignment to another non-demand rate schedule. Consideration will be given to the contribution in aid of construction made by the customer to offset capital investment by the Shakopee Utilities, and may include other factors.

Section IX: continued

Any assignment granted will continue only for the period of time specified, and billing will revert to the standard rate schedule at the end of that period, except when the assignment is cancelled before the end of that period by the Utilities Commission. The Utilities Commission reserves the right to cancel an assignment granted under this section, and such cancellation may occur without prior notice.

Section X: LIMITED OFF PEAK CLAUSE:

A customer normally billed under a demand rate schedule, who anticipates a single instance usage of energy which is not typical for their service, may apply to the Utilities Commission in advance of the occurrence for an advanced waiver of the demand charges for that single instance of usage. Consideration will be given to the estimated cost of purchased power for the period of time covered by the single instance usage, the ability of the facilities in place to accommodate the unusual load, and may include other factors.

Any advance waiver granted will apply only for the period of time specified, and billing will revert to the standard rate schedule at the end of that period, except when the waiver is cancelled before the end of that period by the Utilities Commission. The Utilities Commission reserves the right to cancel the waiver granted under this section, and such cancellation may occur without prior notice.

Section XI: THE FOLLOWING CLAUSES APPLY TO ALL RATES:

MONTHLY BILLS:

The monthly bill is the sum of the Service Charge, Energy Charge, Power Cost Adjustment, and Conservation Charge.

In addition to the forgoing, monthly bills also include the sum of the Demand Charge, and any adjustments for Power Factor and/or other adjustments referenced in this or other rate resolution of the Shakopee Public Utilities Commission.

Minimum bill provisions, late charges, penalties, and special charges, also apply.

POWER COST ADJUSTMENT:

There may be added to or deducted from the monthly bill a Power Adjustment charge, as set by Shakopee Public Utilities Commission Resolution.

CONSERVATION PROGRAM CHARGE:

A charge will be added to the monthly bill to fund a Conservation Program as mandated by the State of Minnesota and voluntary programs of similar nature by the Shakopee Public Utilities. The amount of the charge will be set by Shakopee Public Utilities Commission Resolution.

PRIMARY METERING:

At the option of the electric department, secondary voltage service hereunder may be metered at the primary voltage, in which case a 2% cash discount will be allowed on the amount of the monthly bill, with the discount applied to all charges except the power adjustment charge.

PRIMARY VOLTAGE SERVICE:

If the customer agrees to take service at the primary voltage available at his location and to pay all costs incurred in the ownership, operation and maintenance of transformers and substation equipment (except meters) with service to be metered at the primary voltage, a cash discount of 5% will be allowed on the amount of the monthly bill, with the discount applied to all charges except the power adjustment charge.

Section XI: continued

AVERAGE POWER FACTOR:

The average power factor is defined to be the quotient obtained by dividing the KWH used during the month by the square root of the sum of the squares of the KWH used and the lagging reactive kilovolt-ampere-hours supplied during the same period. Any leading kilovolt-ampere-hours supplied during the period will not be considered in determining the average power factor.

LOAD FACTOR:

Load factor is defined to be the quotient obtained by dividing the KWH used during the month, by the KW demand during the same period, and dividing the result by the number of hours in that billing period.

MINIMUM POWER FACTOR REQUIREMENT:

The customer must maintain an average power factor not less than 80% lagging, and avoid leading power factor at any time.

DEPOSIT REQUIRED:

Deposit requirements shall be consistent with terms outlined in a separate resolution of the Shakopee Public Utilities Commission.

PROMPT PAYMENT PROVISION:

A penalty of 5% shall be added to the current bill if not paid on or before the due date specified on the monthly Statement of Account following the date of billing.

Section XII: LARGE INDUSTRIAL SERVICE - with Time Of Use Option:

Availability: Non-Residential customer with demand of 1,000 KW and over, who would otherwise be subject to the requirements of Section VIII of Resolution #1264.

Limitations to Availability: Due to the exploratory basis on which Time Of Use Service is being offered, the availability of such service terms under Resolution #1264 is limited to one customer, and further subject to such practical limitations as may exist involving the availability of technology and the administrative practices to provide billing under such TOU rates.

The billing demand shall be as described in this section.

The sum of:

<u>SERVICE CHARGE:</u>	\$120.00 per month
<u>DEMAND CHARGE:</u>	
On-peak KW of billing demand	\$9.50 per KW
Off-peak KW of billing demand in excess of On-peak KW of billing demand	\$3.00 per KW
<u>ENERGY CHARGE:</u>	
On-peak KWH's	\$0.0636 per KWH
Off-peak KWH's	\$0.0512 per KWH
with a credit applied to KWH's in excess of 400 hours times the billing demand	\$0.0062 per KWH

TIME PERIODS:

On-peak period	9 a.m. - 10 p.m., M - F CST or CDT as applicable
Off-peak period	all other hours

OTHER TERMS APPLICABLE

Service provided and billed under Resolution #1264, Section XII are subject to all terms, factors, and adjustments applicable under Resolution #1264, including the Power Cost Adjustment and other charges not itemized here; and other terms, conditions of service and policies of the Shakopee Public Utilities Commission as generally applicable.

Shakopee Utilities will make reasonable efforts to provide reliable and prompt billings within the provisions of this resolution, however, in the event of a failure to provide reliable billing as a result of deficiency in technology or in the administrative processing of billings under TOU rates, the customer will be responsible for payment of charges determined under the standard, non-TOU rates and terms provided under Resolution #1264.

Section XIII: SHAKOPEE ENERGY PARK:

Limitations to Availability: Due to the unique basis on which Wholesale Service is being offered, the availability of such service terms is limited to one customer (MMPA), and further subject to such practical limitations as may exist involving the availability of technology and the administrative practices to provide billing under such Wholesale Rates.

The billing electric service shall be as described in this section.

The sum of:

SERVICE CHARGE: \$100.00 per month

DEMAND CHARGE:

Summer Demand (June-Sept, \$ per Kw month)	\$15.04
Non-Summer Demand (\$ per Kw month)	\$8.90

ENERGY CHARGE:

On-Peak (5x16) Energy (\$ per kWh) 7am-10pm	\$0.05101
Sat/Sun/Holiday (2x16) Energy (\$ per kWh) 7am-10pm	\$0.04351
Off-Peak (7x8) Energy (\$ per kWh) 10pm-7am	\$0.03101
Energy Adjustment Charge	varies monthly

OTHER TERMS APPLICABLE:

Service provided and billed under Section XIII are subject to all terms, factors, and adjustments applicable under Resolution #1264, excluding the Power Cost Adjustment; other terms, conditions of service and policies of the Shakopee Public Utilities Commission as generally applicable.

Shakopee Utilities will make reasonable efforts to provide reliable and prompt billings within the provisions of this resolution, however, in the event of a failure to provide reliable billing as a result of deficiency in technology or in the

administrative processing of billings under Wholesale rates, the customer will be responsible for payment of charges determined under the standard rates and terms provided under Resolution #1264.

BE IT FURTHER RESOLVED that at all times Commission staff shall comply with good utility business practices and all applicable Federal laws and Minnesota Statutes when processing account activity, i.e. applications, establishing accounts, deposits, billings, payment receipts, reminders of non-payment, disconnect notices, etc.

BE IT FURTHER RESOLVED that said terms and adjustments are to become effective immediately, and applied to the January 2020 billings (which are due February 15), and all subsequent billings.

BE IT FURTHER RESOLVED that all things necessary to carry out the terms and purpose of the Resolution are hereby authorized and performed.


Passed in regular session of the Shakopee Public Utilities Commission, this 6th day of January, 2020.

Commission President: Terrance Joos

ATTEST:

Commission Secretary: John R. Crooks

**SHAKOPEE PUBLIC UTILITIES
MEMORANDUM**

TO: SHAKOPEE PUBLIC UTILITIES COMMISSION
FROM: JOHN R. CROOKS, UTILITIES MANAGER 
SUBJECT: MMPA BOARD MEETING PUBLIC SUMMARY
NOVEMBER 2019
DATE: DECEMBER 27, 2019


The Board of Directors of the Minnesota Municipal Power Agency (MMPA) met on November 26, 2019 at Shakopee Public Utilities in Shakopee, Minnesota.

The Board reviewed the status of the Hometown Wind refurbishment and life extension project.

The Board discussed the status of the renewable projects the Agency is pursuing.

Participation in MMPA's residential Clean Energy Choice program increased over October, with market penetration that is at 3.3%.

**SHAKOPEE PUBLIC UTILITIES
MEMORANDUM**

TO: SHAKOPEE PUBLIC UTILITIES COMMISSION
FROM: JOHN R. CROOKS, UTILITIES MANAGER 
**SUBJECT: MMPA BOARD MEETING PUBLIC SUMMARY
DECEMBER 2019**
DATE: DECEMBER 27, 2019

The Board of Directors of the Minnesota Municipal Power Agency (MMPA) met on December 17, 2019 at Shakopee Public Utilities in Shakopee, Minnesota.

The Board was informed that Fitch Ratings released its annual rating report on MMPA on December 11. Fitch maintained MMPA's A+ rating and improved the rating outlook from Stable to Positive.

The Board discussed the status of the renewable projects the Agency is pursuing.

The Board elected the following officers for 2020: John Crooks –Chair, Matt Podhradsky – Vice Chair, Brian Frandle – Secretary, Troy Adams - Treasurer

Participation in MMPA's residential Clean Energy Choice program increased over November, with market penetration that is at 3.3%.




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SHAKOPEE PUBLIC UTILITIES

“Lighting the Way – Yesterday, Today and Beyond”

December 30, 2019

TO: John Crooks, Utilities Manager

FROM: Sharon Walsh, Director of Marketing and Customer Relations 

SUBJECT: 2020 Conservation Improvement Program

Overview

January will launch the new 2020 Conservation Improvement Program. As in previous years, we will have both Residential and Commercial Rebate Programs totaling more than 20 rebate opportunities for SPU customers.

Residential rebate offerings include new Energy Star appliances, specific appliance recycling, LED lightbulbs, and SEER-rated cooling or heating systems. In 2019, nearly \$81,000 was rebated through more than 450 residential customer submissions.

Commercial rebate offerings will focus on custom opportunities that are measured and rebated based on kWh savings. These include VFDs, HVAC, lighting, EMS, retrocommissioning studies and other kWh savings opportunities as deemed eligible and approved by the state. If past submissions are indicators of future requests, the majority of commercial rebates will be LED lighting projects. Several retrocommissioning studies are planned for 2020 as well.

Solar rebates are available for both residential and commercial customers up to a maximum system size of 4000W. 2019 saw a significant increase in residential solar rebate activity and all systems but one received the maximum rebate allowed.

Based on YTD numbers through November 2019, over \$3 million rebate dollars have been issued in our community since 2016. All available rebate funding has been utilized within the calendar year for the last two years.

Absent the 2018 CIP Results and 2020 Plan Review letter from the MN Department of Commerce, SPU is proposing the 2020 CIP program mirror the 2019 program. No modifications submitted.

Action Requested

Staff requests approval of 2020 Conservation Improvement Program as submitted.

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