

AGENDA  
SHAKOPEE PUBLIC UTILITIES COMMISSION  
REGULAR MEETING  
July 18, 2022  
at 5:00 PM

To watch this meeting live click or copy the link: <https://tinyurl.com/SPU-YouTube-Live>

1. **Call to Order** at 5:00pm in the SPU Service Center, 255 Sarazin Street
  - 1a) Roll Call
2. **Communications**
3. **Consent Agenda**
  - C=> 3a) Approval of June 20, 2022 Minutes (GD)
  - C=> 3b) Approval of July 18, 2022 Agenda (KM)
  - C=> 3c) July 7, 2022 Warrant List  
Account Credit Request/Deposit Refunds (KW)
  - C=> 3d) July 5, 2022 Warrant List (KW)
  - C=> 3e) July 18, 2022 Warrant List (KW)
  - C=> 3f) Water Dashboard (LS)
  - C=> 3g) Nitrate Results (LS)
  - C=> 3h) Annual Elections for 2022 – 2023 Insurance Policy (KW)
  - C=> 3i) MMPA June Meeting Update (GD)
  - C=> 3j) Res#2022-17 Resolution Setting the Amount of the Trunk Water Charge, Approving of its Collection and Authorizing Water Service to Certain Property Described as:  
Whispering Waters 2<sup>nd</sup> Addition. (JA)
  - C=> 3k) Res#2022-18 Resolution Approving of the Estimated Cost of Pipe Oversizing on the Watermain Project: Whispering Waters 2<sup>nd</sup> Addition. (JA)
  - C=> 3l) AMI - Bid Process Update (SW)
  - C=> 3m) MMPA Transmission Transformer Services Rates (JA)
4. **Liaison Report** (JB)
5. **Public Comment Period.** The public comment period provides an opportunity for the public to address the Commission on items that are not on the agenda. Comments should **not** exceed five minutes. The SPU President may adjust that time limit based upon the number of persons seeking to comment. This comment period may not be used to make personal attacks, to air personality grievances, or for political endorsements or campaigns. The public comments are intended for informational purposes only; Commissioners will not enter into a dialogue with commenters, and questions from Commissioners will be for clarification only.
6. **General Manager Report**
  - 6a) General Manager Report – Verbal (GD)

7.     **Reports: Water Items**
  - 7a)   Water System Operations Report – Verbal (LS)
  
8.     **Reports: Electric Items**
  - 8a)   Electric System Operations Report – Verbal (BC)
  
9.     **Reports: Human Resources**
  
10.    **Reports: General**
  - 10a)   Marketing/Key Accounts Report – Verbal (SW)
  - 10b)   June 2022 Financial Reports & Accounts Receivable Aging (Collection Update) (KW)
  - 10c)   2021 Year in Review Report (GD)
  - 10d)   Lateral Watermain Equivalent Charge - Interest Options (KW/JA)
  - 10e)   Water & Electric Projects Updates (JA/MD)
  
11.    **Items for Future Agendas**
  
12.    **Tentative Dates for Upcoming Meetings**
  - August 1, 2022
  - August 15, 2022
  - September 6, 2022
  - September 19, 2022
  
13.    **Adjournment**

## Proposed As Consent Item

MINUTES OF THE  
SHAKOPEE PUBLIC UTILITIES COMMISSION  
June 20, 2022  
Regular Meeting

1. Call to Order. President Mocol called the June 20, 2022, meeting of the Shakopee Public Utilities Commission to order at 5:00 PM. President Mocol, Vice President Krieg, Commissioner Brennan, Commissioner Fox, and Commissioner Letourneau were present.
2. Approval of Consent Agenda. Vice President Krieg asked that item (3g) be pulled for discussion. Commissioner Fox moved approval of all other items on the consent agenda: (3a) June 6, 2022 Minutes; (3b) June 20, 2022, Agenda; (3c) June 6, 2022 Warrant List, Account Credit Request/Deposit Refunds; (3d) June 20, 2022 Warrant List; (3e) Water Dashboard; and (3f) Capitalization Policy. Commissioner Letourneau seconded the motion. Ayes: Mocol, Krieg, Brennan, Fox, and Letourneau. Nays: None. Motion carried. As for item (3g), EPA PFAS Announcement Memo, Water Superintendent Lon Schemel clarified that federal primary drinking water regulations are expected in the fall, which may affect the SPU hybrid water treatment project. Vice President Krieg moved approval of item (3g); Commissioner Fox seconded the motion. Ayes: Mocol, Krieg, Brennan, Fox, and Letourneau. Nays: None. Motion carried.
3. Liaison Report. Commissioner Brennan noted that Xcel Energy representatives will attend the City Council meeting on June 21, 2022.
4. Public Comment Period. No public comments were offered.
5. General Manager Report. Joseph Adams, Director of Planning and Engineering, provided an update on behalf of Mr. Drent. He noted that SPU has assisted the School District in evaluating information concerning potential solar projects. He reported that SPU and MVEC made a joint filing to the MPUC to adjust the official service territory boundaries; they also sent letters to all affected customers. Mr. Adams noted that after further discussions with City and School District representatives concerning the potential water treatment site, it appears that SPU will likely need to consider other sites. He noted that the Canterbury irrigation system is now being fed by its pond and is not connected to SPU's water system. Mr. Adams stated that the Coalition for a Secure Energy Future will honor Senator Pratt with the 2022 Energy Champion award; SPU Commissioners and managers, City staff, MVEC leadership, and representatives of SPU's larger customers have been invited to attend. Mr. Adams reported on discussions with Xcel Energy concerning the West Shakopee Substation and phasing and timing of the transmission tap.
6. Water Report. Mr. Schemel reported that water pumpage has increased to 13.25 million gallons/day from 7.5 million at the beginning of June. He also presented a map showing the

flushing progress. Mr. Schemel noted that drilling will start this week on Well 23 and should take approximately four weeks.

7. Electric Report. Brad Carlson, Electric Superintendent, reported that SPU's peak this afternoon measured at 108.4. Mr. Carlson reported multiple outages, including June 6<sup>th</sup> for circuit 52, which affected 11,000 customers for approximately 33 minutes; a squirrel outage on June 12<sup>th</sup> affecting 50 customers; a cable that failed under the overpass of 169 on Eagle Creek today, with staff working on shedding load; when Xcel Energy's transmission pole was struck, SPU had to take out the Shakopee Substation; and on June 16<sup>th</sup>, a contractor hit an overhead line, affecting 680 customers. Mr. Carlson also provided project updates on Whispering Waters, Valley Crest Addition, relocation of cables at the Emblem project; and the Levee Drive duct bank.

8. SPU's Electric System Review. Mr. Adams provided an overview of the SPU electric system, with a detailed history of the substations and how the feeder system promotes reliability. He described the current challenges with the relocation of circuit 9, as well as circuits 8 and 10, underground during construction in the area. He noted that the Blue Lake Substation is the only one in which SPU pays Xcel Energy for transformation. Mr. Adams noted that it would be helpful to understand whether Xcel plans any system reinforcements at the Blue Lake Substation.

9. Marketing/Customer Service Report. Sharon Walsh, Director of Key Accounts/Marketing/Special Projects, reported that AMI bids were opened today; SPU received seven responses, ranging from \$4.2 million to \$9.1 million. She also noted that she plans a mid-year review on the conservation budget. Ms. Walsh noted that SPU and MVEC will send a second letter to all customers affected by the service territory exchange, notifying them of the MPUC proceeding. Ms. Walsh reported that the first Rhythm on the Rails event is on Wednesday, and SPU staff will attend with the electric vehicle to answer questions. She also is working on communication and updates to customers as to recent outages.

10. May Financials & Accounts Receivable Aging. Kelley Willemssen, Director of Finance and Administration, presented the current financial report. She noted that although water and electric revenues are currently lower than budget, they are higher than in 2021, and they should stabilize in the next few months. She also provided an update as to SPU reinvestments and decreased accounts receivable. Commissioner Letourneau moved to accept the May 2022 financial report; Commissioner Fox seconded the motion. Ayes: Mocol, Krieg, Brennan, Fox, and Letourneau. Nays: None. Motion carried.

11. Adjourn. Motion by Commissioner Fox, seconded by Vice President Krieg, to adjourn to the July 18, 2022, meeting. Ayes: Mocol, Krieg, Brennan, Fox, and Letourneau. Nays: None. Motion carried.

---

Greg Drent, Commission Secretary



AGENDA  
SHAKOPEE PUBLIC UTILITIES COMMISSION  
REGULAR MEETING  
July 18, 2022  
at 5:00 PM

To watch this meeting live click or copy the link: <https://tinyurl.com/SPU-YouTube-Live>

1. **Call to Order** at 5:00pm in the SPU Service Center, 255 Sarazin Street
  - 1a) Roll Call
2. **Communications**
3. **Consent Agenda**
  - C=> 3a) Approval of June 20, 2022 Minutes (GD)
  - C=> 3b) Approval of July 18, 2022 Agenda (KM)
  - C=> 3c) July 7, 2022 Warrant List  
Account Credit Request/Deposit Refunds (KW)
  - C=> 3d) July 5, 2022 Warrant List (KW)
  - C=> 3e) July 18, 2022 Warrant List (KW)
  - C=> 3f) Water Dashboard (LS)
  - C=> 3g) Nitrate Results (LS)
  - C=> 3h) Annual Elections for 2022 – 2023 Insurance Policy (KW)
  - C=> 3i) MMPA June Meeting Update (GD)
  - C=> 3j) Res#2022-17 Resolution Setting the Amount of the Trunk Water Charge, Approving of its Collection and Authorizing Water Service to Certain Property Described as:  
Whispering Waters 2<sup>nd</sup> Addition. (JA)
  - C=> 3k) Res#2022-18 Resolution Approving of the Estimated Cost of Pipe Oversizing on the Watermain Project: Whispering Waters 2<sup>nd</sup> Addition. (JA)
  - C=> 3l) AMI - Bid Process Update (SW)
  - C=> 3m) MMPA Transmission Transformer Services Rates (JA)
4. **Liaison Report** (JB)
5. **Public Comment Period.** The public comment period provides an opportunity for the public to address the Commission on items that are not on the agenda. Comments should **not** exceed five minutes. The SPU President may adjust that time limit based upon the number of persons seeking to comment. This comment period may not be used to make personal attacks, to air personality grievances, or for political endorsements or campaigns. The public comments are intended for informational purposes only; Commissioners will not enter into a dialogue with commenters, and questions from Commissioners will be for clarification only.
6. **General Manager Report**
  - 6a) General Manager Report – Verbal (GD)

7. **Reports: Water Items**
  - 7a) Water System Operations Report – Verbal (LS)
8. **Reports: Electric Items**
  - 8a) Electric System Operations Report – Verbal (BC)
9. **Reports: Human Resources**
10. **Reports: General**
  - 10a) Marketing/Key Accounts Report – Verbal (SW)
  - 10b) June 2022 Financial Reports & Accounts Receivable Aging (Collection Update) (KW)
  - 10c) 2021 Year in Review Report (GD)
  - 10d) Lateral Watermain Equivalent Charge - Interest Options (KW/JA)
  - 10e) Water & Electric Projects Updates (JA/MD)
11. **Items for Future Agendas**
12. **Tentative Dates for Upcoming Meetings**
  - August 1, 2022
  - August 15, 2022
  - September 6, 2022
  - September 19, 2022
13. **Adjournment**

## SHAKOPEE PUBLIC UTILITIES COMMISSION

Warrant List  
 Account Credit Request/Deposit Refunds  
 July 7, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities Commission:

ALEE, ALISIA & BRIAN	\$57.51
ARBUCKLE, DANIEL	\$30.26
ARNOLD, SETH	\$77.87
AVANA ADDISON	\$11.94
BARONGO, NYAMARI	\$36.90
BARRETT, JOHN & MICHELLE	\$16.78
BEERS, MICHELE	\$245.74
BEIREIS, MICHAEL	\$51.52
BERG, NOAH	\$5.42
BERGSTROM, DWIGHT	\$2.17
BORDEAUX, KYLLAH	\$52.70
BOVET, JEANNETTE	\$47.14
BRANDAU, TABITHA	\$8.46
BRANNON, LAURA	\$57.14
BROOKS, JOHN	\$100.00
BURMEISTER, LISA & JOHN	\$20.00
BURNSIDE, LOGAN	\$50.00
BYRO, SAMUEL	\$67.34
CHATTERJEE, SUMON & SANHITA	\$95.10
CITIES EDGE MOTORSPORTS	\$13.19
CLIFTON, KURT	\$1.74
CROLIUS, DOMINIC	\$67.76
DE HOOG, BERNARD	\$48.17
DEVINE, JACK LOUIS	\$5.36
DIAZ, NORMA	\$24.64
DICKENS, MICHAEL	\$24.30
DUBOIS, LORRIE	\$26.44
EBEL DEAN, RYN	\$43.13
EILDERS, PATRICIA	\$551.21
FERNANDEZ, NANCY	\$9.12
FRISCH, MERCIA	\$51.30
GARZA, JENNIFER	\$66.28
GEE, CHRISTOPHER	\$30.60
GETUBA, ANNE	\$57.40
GIESEN, MEGAN	\$34.01
GRAFF, ROSE	\$51.50
HAHN, THAD & KIM	\$64.50
HENSLEY, JENNA	\$52.40
HIGHET, BRYAN K	\$151.22
HIIVALA, MIKE A	\$79.30
HIM, SOVANMONY	\$39.08
HORAK, REBECCA	\$8.96
HORTON, ANNA	\$29.63
JAKUBEK, MICHELLE	\$98.68
JAMES, HANNAH	\$4.20
KALKBRENNER, DANA	\$64.98
KANAKAMEDALA, VENKATA RAMANA	\$40.44
KIELAS, JEFFREY	\$12.91
KITTELSON, ALEXA	\$36.61
KOSKI, PHYLLIS M	\$57.95
LAPATKA, SHANOAH R & JEREMY	\$18.69
LENNAR	\$326.34
LINK, CHRISTOPHER	\$30.92
LOMBARDO, MONICA	\$15.46
LORENTZ, GLENNA	\$67.48
MADA, SHANTHI BABU	\$613.40
MATTI, BRUCE	\$48.58
MEINERS, ROBERT	\$39.56
MICHEALSON-MESTER, KRISTINA	\$25.00

SHAKOPEE PUBLIC UTILITIES COMMISSION

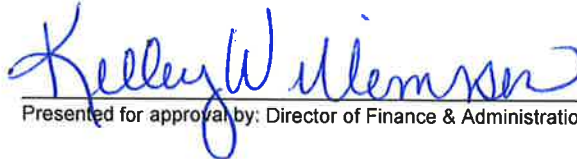
Warrant List  
Account Credit Request/Deposit Refunds  
July 7, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities

Commission:

MONUMENT WHITE PINES LLC	\$11.37
NEEL, CHRISTINA	\$78.57
NEOU, NEYTA	\$112.52
NEVAREZ, BRUNO	\$7.77
NGUYEN, DUC TRONG	\$53.01
OPENDOOR LABS INC	\$103.49
ORTEGA VALDEZ, JENNIFER GABRIE	\$89.66
ORTHODONTIC CARE SPECIALISTS	\$9.10
PATTERSON, BRADLEY S & AMANDA	\$61.72
PULTE HOMES OF MN 1009	\$275.62
RAHMAN, NICK	\$102.89
REGAN, RACHEL	\$38.68
REISDORFF, GEORGE	\$47.54
RIVEST, PATRICK	\$50.79
ROSA, MIRANDA	\$97.08
RUNGE, WILLIAM	\$70.00
SAHR, JOEY	\$41.36
SALDIVAR, JESUS VIDAL	\$140.87
SALISBURY, MARSHALL S	\$32.40
SARAZIN FLATS II	\$50.21
SCHOENEMAN, AMY	\$56.86
SHAFI, FARTUN	\$4.36
SHAUL, JASON	\$89.66
SHOQUIST, ROBERT	\$637.07
SIGNPOST HOMES INC	\$9.32
SIMKO, DUSTIN	\$64.39
SMRCINA, TYLER	\$29.87
SMSC	\$234.76
STEPHENSON, SARAH	\$77.49
SWANSON, DENNIS	\$72.66
TLOUGAN, MICHAEL	\$1,247.00
WHIPPLE, ANDREW S	\$16.92
WICK, CHRISTOPHER	\$15.76
WOLFE, NICHOLAS	\$51.24
YANG, KOU & MAYCEE	\$43.99
ZACHARIAS, JENNIFER & KURT	\$39.71
ZEIHER, DEAN J	\$26.73
7 SKY LLC	\$21.73

\$8,280.60



Presented for approval by: Director of Finance & Administration

Approved by General Manager

Approved by Commission President

## SHAKOPEE PUBLIC UTILITIES COMMISSION

## WARRANT LISTING

July 5, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities Commission:

LIGNITE ENERGY COUNCIL	\$78.00
ALLSTREAM BUSINESS US, INC	\$2,475.51
ALTERNATIVE TECHNOLOGIES INC	\$120.00
AMARIL UNIFORM CO.	\$121.74
ANDERSON, CATHERINE	\$200.00
ANDREA AMANDA RAMNAUTH	\$4,051.43
APPLE FORD OF SHAKOPEE	\$3,791.68
ARAMARK REFRESHMENT SERVICES INC	\$156.64
ARROW ACE HARDWARE	\$39.77
B & B TRANSFORMER INC	\$14,442.00
BADGER STATE INSPECTION, LLC	\$2,300.00
BANUELOS, JULIA	\$179.11
BARTUSEK, RON	\$270.53
BENZ, SANDRA	\$350.00
BERNDTSON, ROBERT	\$194.81
BOPP, KATIE	\$500.00
BORDER STATES ELECTRIC SUPPLY INC	\$30,283.32
BRANDL ANDERSON HOMES INC.	\$53.69
CENTERPOINT ENERGY	\$727.89
CHOICE ELECTRIC INC	\$240.00
CITY OF SHAKOPEE	\$2,391.31
CITY OF SHAKOPEE	\$249,000.00
CITY OF SHAKOPEE	\$1,031.08
CORE & MAIN LP	\$16,192.72
CROSS, SCOTT	\$500.00
CUSTOMER CONTACT SERVICES	\$929.79
DENISON, DAVE	\$50.00
DEWILD GRANT RECKERT AND ASSOCIATES	\$77,820.50
EBERLE, TRACY	\$500.00
EMERGENCY AUTOMOTIVE TECHNOLOGIES IN	\$354.61
ENELX WAY NORTH AMERICA, INC	\$10,348.30
FASTENAL IND & CONST SUPPLIES	\$195.18
FERGUSON US HOLDINGS, INC.	\$1,738.85
FRONTIER ENERGY, INC.	\$2,000.00
FURTHER	\$1,057.00
GIESEN, SHERRY 1813 WESTCHESTER	\$500.00
GILLESPIE, DEAN	\$200.00
GLOBAL EQUIPMENT COMPANY INC.	\$336.72
GOVERNMENT FINANCE OFFICERS ASSOCIAT	\$150.00
GRIMMER, TIFFANY	\$75.00
HANSON, JACKLYN	\$159.99
HAWKINS INC	\$8,357.52
HENNEN'S AUTO SERVICE, INC.	\$77.94
IRBY - STUART C IRBY CO	\$1,594.00
IRBY TOOL & SAFETY	\$65.60
JT SERVICES	\$294.47
KARJALAHTI, JULIE & DAVID	\$135.00
KROGSRUD, JOHANNA	\$500.00
LARSEN, MICHAEL	\$161.03
LOCATORS & SUPPLIES INC	\$855.07
M/I HOMES	\$53.69
MAHADEO, RADHIKA	\$50.00
MAINES, JACKSON	\$350.00
MCGRANN SHEA CARNIVAL	\$11,021.00
MENKE, RON	\$500.00
MINN VALLEY TESTING LABS INC	\$2,616.00
MMUA	\$1,395.00
MSP SW ACQUISITION LLC	\$2,528.00
MURPHY, MIKE	\$500.00
M10, INC	\$14,683.96
NAGEL COMPANIES LLC	\$7,443.00
NCPERS GROUP LIFE INSURANCE	\$256.00
NEVILLE, GERRY	\$117.00
NICKOLAY, CINDY	\$217.04
ORACLE AMERICA INC.	\$34,124.41
Principal Financial Group	\$3,951.78
PAKHNYUK, IVAN	\$25.00
PEDERSON, CHARLES	\$200.00
PITNEY BOWES INC	\$101.99
PRIORITY 1 OUTDOORS INC.	\$10,035.96

## SHAKOPEE PUBLIC UTILITIES COMMISSION

## WARRANT LISTING

July 5, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities Commission:

REISDORR, GEORGE 516 4TH AVE	\$500.00
RESCO	\$7,731.19
RESERVE ACCOUNT	\$2,000.00
REYES, ALEX	\$500.00
RICCIARDI, MIKE	\$500.00
RIES, RICHARD	\$500.00
SADAT, MOE	\$1,000.00
SAMBATEK	\$12,729.00
SANDALWOOD CORP	\$65.00
SCOTT COUNTY RECORDERS OFFICE	\$46.00
SDDI SIGN SYSTEMS	\$34.36
TECHLINE, INC	\$3,676.67
TREML, LISA	\$15.00
TRIPLETT, GREG	\$184.28
UTILITY SUPPLY AND CONSTRUCTION CO.	\$10,496.62
VALDES, JULIA	\$500.00
VON BANK, JAMIE	\$37.53
WESCO DISTRIBUTION INC	\$51,006.32
WILLEMSEN, KELLEY	\$2,205.00
XCEL ENERGY	\$3,980.06

---

---

\$626,024.66

Presented for approval by: Director of Finance & Administration

---

Approved by General Manager

---

Approved by Commission President

## SHAKOPEE PUBLIC UTILITIES COMMISSION

## WARRANT LISTING

July 5, 2022

direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities Commission:

LIGNITE ENERGY COUNCIL	\$78.00	SENATOR PRATT LUNCHEON
ALLSTREAM BUSINESS US, INC	\$2,475.51	Shak Sub, Pike Lake, S.Sub, and SPU
ALTERNATIVE TECHNOLOGIES INC	\$120.00	Oil test w/KF moisture & dissolved gas
AMARIL UNIFORM CO.	\$121.74	Clothing for M.M. & T. B. - Water dept.
ANDERSON, CATHERINE	\$200.00	2022 Res. Cooling & Heating
ANDREA AMANDA RAMNAUTH	\$4,051.43	July building services
APPLE FORD OF SHAKOPEE	\$3,791.68	Water dept. Trk 622, filter, oil
ARAMARK REFRESHMENT SERVICES INC	\$156.64	Coffee for lunchrooms
ARROW ACE HARDWARE	\$39.77	Bolts & Builders for Elec. Dept.
B & B TRANSFORMER INC	\$14,442.00	37.5 KVA single phase pad transformers
BADGER STATE INSPECTION, LLC	\$2,300.00	WO#2604 - Antenna Review
BANUELOS, JULIA	\$179.11	2022 Irrigation Controllers rebate
BARTUSEK, RON	\$270.53	MRWA Op & Maint. School mileage reimb.
BENZ, SANDRA	\$350.00	2022 Res. Cooling & Heating
BERNDTSON, ROBERT	\$194.81	234 Miles reimb.
BOPP, KATIE	\$500.00	2022 Res. Cooling & Heating
BORDER STATES ELECTRIC SUPPLY INC	\$30,283.32	Ground Rod, Anchor Rod, Connector pedestal, elbows, switch load break 3 phase, tran current
BRANDL ANDERSON HOMES INC.	\$53.69	Refund temp elec fee
CENTERPOINT ENERGY	\$727.89	Gas usage 5/5/22-6/4/22 Sarazin
CHOICE ELECTRIC INC	\$240.00	Disconn saver swtch Shawnee Tr, Westches
CITY OF SHAKOPEE	\$2,391.31	Petunia Baskets for the City
CITY OF SHAKOPEE	\$249,000.00	July - PILOT Transfer Fee
CITY OF SHAKOPEE	\$1,031.08	Storm drainage/SPU properties - July
CORE & MAIN LP	\$16,192.72	WO#2576 Omni Meters, Valve Box key, wrench
CROSS, SCOTT	\$500.00	2022 Res. Cooling & Heating
CUSTOMER CONTACT SERVICES	\$929.79	Answering service 6/28-7/25
DENISON, DAVE	\$50.00	2022 Res. Energy Star Appliance Rebate
DEWILD GRANT RECKERT AND ASSOCIATES	\$77,820.50	WO#2612 - \$2081.75 Distr. Additions - SS-83 Extension & WO#2239 - \$75738.75 - Levee Duct Bank
EBERLE, TRACY	\$500.00	2022 Res. Cooling & Heating
EMERGENCY AUTOMOTIVE TECHNOLOGIES IN	\$354.61	WEATHERTECH FLOORLINERS FOR 2020
ENELX WAY NORTH AMERICA, INC	\$10,348.30	WO#2555 - EV Chargers - 5 year data plan, juice pedestal, router
FASTENAL IND & CONST SUPPLIES	\$195.18	Truck parts for Elec. Dept.
FERGUSON US HOLDINGS, INC.	\$1,738.85	WO#2360 - Sleeve
FRONTIER ENERGY, INC.	\$2,000.00	June P3 Subscription
FURTHER	\$1,057.00	Flex dependent reimb.
GIESEN, SHERRY 1813 WESTCHESTER	\$500.00	2022 Res. Cooling & Heating
GILLESPIE, DEAN	\$200.00	2022 Res. Cooling & Heating
GLOBAL EQUIPMENT COMPANY INC.	\$336.72	WO#2470 - Mini Fridge
GOVERNMENT FINANCE OFFICERS ASSOCIAT	\$150.00	Membership renewal 8/1/22 - 7/31/2023 for KW
GRIMMER, TIFFANY	\$75.00	2022 Res. Energy Star Appliance Rebate
HANSON, JACKLYN	\$159.99	Safety boots reimbursement
HAWKINS INC	\$8,357.52	Chlorine Cylinder & Hydrofluosilicic Acid
HENNEN'S AUTO SERVICE, INC.	\$77.94	Trk 632 - Oil filter
IRBY - STUART C IRBY CO	\$1,594.00	Cable
IRBY TOOL & SAFETY	\$65.60	Terry Topper sweat bands
JT SERVICES	\$294.47	LAMP 100WHPS MB ST. LIGHT
KARJALAHTI, JULIE & DAVID	\$135.00	2022 Irrigation Controllers rebate
KROGSRUD, JOHANNA	\$500.00	2022 Res. Cooling & Heating
LARSEN, MICHAEL	\$161.03	2022 Irrigation Controllers rebate
LOCATORS & SUPPLIES INC	\$855.07	Marking stick/wheel, Marking Paint
M/I HOMES	\$53.69	Refund temp elec. fee
MAHADEO, RADHIKA	\$50.00	2022 Res. Energy Star Appliance Rebate
MAINES, JACKSON	\$350.00	2022 Res. Cooling & Heating
MCGRANN SHEA CARNIVAL	\$11,021.00	WO#2545 - \$991.25 Land Exchange agreement and Municipal & Reg. Matter thru May
MENKE, RON	\$500.00	2022 Res. Cooling & Heating
MINN VALLEY TESTING LABS INC	\$2,616.00	Nitrate & Nitrite, Chloride, calcium, sodium, copper, Iron, Manganese, Coliform
MMUA	\$1,395.00	2022 Conference Registration
MSP SW ACQUISITION LLC	\$2,528.00	2022 HVAC 5288 Valley Ind. Blvd. S.
MURPHY, MIKE	\$500.00	2022 Res. Cooling & Heating
M10, INC	\$14,683.96	WO#2475 - Whispering Waters
NAGEL COMPANIES LLC	\$7,443.00	Directional bore & use 6" tooling
NCPERS GROUP LIFE INSURANCE	\$256.00	July PERA ins. premiums
NEVILLE, GERRY	\$117.00	134 Miles reimb.
NICKOLAY, CINDY	\$217.04	204 Miles reimb.

## SHAKOPEE PUBLIC UTILITIES COMMISSION

## WARRANT LISTING

July 5, 2022

direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities Commission:

ORACLE AMERICA INC.	\$34,124.41	2nd Qtr. Channel Fee-postage for print &
Principal Financial Group	\$3,951.78	July LTD Premiums
PAKHNYUK, IVAN	\$25.00	2022 Res. Energy Star Lighting
PEDERSON, CHARLES	\$200.00	2022 Res. Cooling & Heating
PITNEY BOWES INC	\$101.99	5 Gal EZ seal
PRIORITY 1 OUTDOORS INC.	\$10,035.96	WO#2470 - \$7075.65 work outside new addition & Parts for repair/replace sprinkler heads
REISDORR, GEORGE 516 4TH AVE	\$500.00	2022 Res. Cooling & Heating
RESCO	\$7,731.19	Anchor, Metering Cable, Heat shrink, tran current, cutout, bushing extender, switch disconnect
RESERVE ACCOUNT	\$2,000.00	Replenish postage machine
REYES, ALEX	\$500.00	2022 Res. Cooling & Heating
RICCIARDI, MIKE	\$500.00	2022 Res. Cooling & Heating
RIES, RICHARD	\$500.00	2022 Res. Cooling & Heating
SADAT, MOE	\$1,000.00	2022 Res. Solar Rebate
SAMBATEK	\$12,729.00	WO#2041 - \$801.00 - Windermere Booster Station/Pump Hse, WO#2525 - \$\$4358.50 - SPU Production Well #23, WO#2259 - \$7569.50 - Elevated Water Tank 8
SANDALWOOD CORP	\$65.00	Refund fire hydrant Acct13404-001
SCOTT COUNTY RECORDERS OFFICE	\$46.00	WO#2643 - WC CHARGE AGREEMENT
SDDI SIGN SYSTEMS	\$34.36	vinyl name for KW.
TECHLINE, INC	\$3,676.67	SWITCH DISCONNECT 1 PHASE
TREML, LISA	\$15.00	2022 Res. Energy Star Lighting
TRIPLETT, GREG	\$184.28	188 Miles reimb.
UTILITY SUPPLY AND CONSTRUCTION CO.	\$10,496.62	FUSE 6 AMP 15KV ELF
VALDES, JULIA	\$500.00	2022 Res. Cooling & Heating
VON BANK, JAMIE	\$37.53	reimb. meals
WESCO DISTRIBUTION INC	\$51,006.32	Connector Termination Type, insulating cap, pipe 2" pvc sweep elbow, wire,
WILLEMSEN, KELLEY	\$2,205.00	Tuition Reimb.
XCEL ENERGY	\$3,980.06	Gas usage Amberglen Cir. 05/23-6/22/22 & Valley Park Dr.

---



---

**\$626,024.66**


---

Presented for approval by: Director of Finance & Administration

---

Approved by General Manager

---

Approved by Commission President



## SHAKOPEE PUBLIC UTILITIES COMMISSION

## WARRANT LISTING

July 18, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities Commission:

DGR ENGINEERING	\$2,081.75
CASTERJON INC.	\$75,738.75
American Messaging Services, LLC	\$1,561.33
ABDO LLP	\$14,917.50
ADAMS, KATIE J	\$114.19
ADRIANSEN, DAVID J	\$200.00
ALDEN POOL & MUNICIPAL SUPPLY CO.	\$197.00
ALSTRUP, DAWN	\$500.00
ALTEC INDUSTRIES, INC	\$12,676.21
AMERICAN NATL BANK_ACH MASTERCARD	\$4,838.68
ARNESON, SCOTT	\$200.00
ARROW ACE HARDWARE	\$91.36
BERNDTSON, ROBERT	\$102.82
BHUPATHIRAJU, SIVAMALA	\$50.00
BOLTON & MENK, INC	\$1,644.00
BORDER STATES ELECTRIC SUPPLY INC	\$17,262.21
BREIMHORST, PETER	\$165.60
CITY OF PRIOR LAKE	\$12,675.50
CITY OF SAVAGE	\$774.71
CITY OF SHAKOPEE	\$10,107.66
CITY OF SHAKOPEE	\$443,870.35
CLIFTONLARSONALLEN LLP	\$9,975.00
COMCAST CABLE COMMUNICATIONS, INC.	\$2.25
COPLIN, ANJANETTE	\$1,000.00
CRAWFORD, BILL & DAWN	\$500.00
DAKOTA SUPPLY GROUP	\$403.73
DELTA DENTAL PLAN OF MN	\$5,349.21
DICK'S/LAKEVILLE SANITATION INC	\$757.02
DIVERSIFIED ADJUSTMENT SERVICES INC	\$196.75
FERGUSON US HOLDINGS, INC.	\$200.55
FERRELLGAS	\$1,102.28
FILTRATION SYSTEMS, INC	\$117.81
FIRE SAFETY USA	\$2,325.00
FLETCHER, JOHN	\$50.00
FURTHER	\$1,053.60
GLOBAL EQUIPMENT COMPANY INC.	\$599.43
GOPHER STATE ONE-CALL	\$1,466.10
GUDMUNSON, SCOTT	\$200.00
HAGEN, DAVID	\$180.00
HARVEY, BRIAN	\$163.24
HAWKINS INC	\$7,188.78
HD SUPPLY FACILITIES MAINTENANCE LTD	\$333.86
HEALTHPARTNERS	\$80,886.08
HENKEMEYER, BARBARA	\$125.00
HENNEN'S AUTO SERVICE, INC.	\$86.24
HENSLEY, CARL & JENNIFER	\$200.00
HIGGINS, LISA	\$75.00
HRExpertiseBP LLC	\$3,412.50
IMPACT MAILING OF MINNESOTA, INC.	\$13,717.58
INDELCO PLASTICS CORP	\$99.06
INNOVATIVE OFFICE SOLUTIONS LLC	\$1,285.95
INTEGRATED CITY SOLUTIONS	\$19,000.00
INTERSTATE ALL BATTERY CTR	\$216.09
IRBY TOOL & SAFETY	\$14,167.10
JOHN GREGORY JOHNSON	\$5,550.00
JOHNSON, HOLLY 6822 CAMBRIDGE	\$50.00
JT SERVICES	\$91,761.41
LEAGUE OF MINNESOTA CITIES	\$779.00
LEMKE, TIMOTHY	\$125.00
LIVING HOPE LUTHERAN CHURCH	\$4,642.00
MACK, DAVID	\$500.00
MAGNUSON, LAURA & DEAN	\$500.00
MARK J TRAUT WELLS, INC	\$70,732.25
MASTER ELECTRIC	\$150.00
MINN VALLEY TESTING LABS INC	\$1,501.00
MINNESOTA DEPT OF HEALTH	\$28,937.25
MINNESOTA LIFE	\$1,294.67
MMPA c/o Avant Energy	\$4,864,964.18
MMUA	\$7,537.50
MN DEPT OF REVENUE ACH PAYMENTS	\$299,957.00

## SHAKOPEE PUBLIC UTILITIES COMMISSION

## WARRANT LISTING

July 18, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby  
authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities

## Commission:

M10, INC	\$6,745.29
NAGEL COMPANIES LLC	\$3,456.00
NEVILLE, GERRY	\$97.91
NICKOLAY, CINDY	\$241.82
NORTHERN BALANCE AND SCALE, INC.	\$170.00
NORTHERN STATES POWER CO.	\$5,546.41
POLMAN, SCOTT	\$165.56
POMP'S TIRE SERVICE INC	\$2,620.06
RAMY TURF PRODUCTS, LLC	\$1,712.64
RAWLSKY, JIM	\$350.00
RESCO	\$3,535.46
RONNING, JEFF	\$500.00
RW Beck Group, Inc, Leidos Eng. LLC	\$17,153.50
SCHEMEL, LON	\$420.00
SCOTT COUNTY RECORDERS OFFICE	\$46.00
SIMMONS, KIRK	\$145.82
SLIPHER, DAVE	\$125.00
SMSC	\$91.25
SNAP-ON INCORPORATED	\$84.07
SOUTHWEST NEWS MEDIA DBA DIV. OF RED	\$1,030.55
TRIPLETT, GREG	\$174.35
VERIZON CONNECT FLEET USA LLC	\$523.95
VERIZON WIRELESS	\$2,852.07
VOURLOS, MICHAEL	\$13.22
WESCO DISTRIBUTION INC	\$8,187.47
WHELOCK, BARRY & SARAH	\$350.00
SCOTT COUNTY RECORDERS OFFICE	\$46.00

---

---

**\$6,221,570.49**

---

Presented for approval by Director of Finance & Administration

---

Approved by General Manager

---

Approved by Commission President

## SHAKOPEE PUBLIC UTILITIES COMMISSION

## WARRANT LISTING

July 18, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities Commission:

DGR ENGINEERING	\$2,081.75 Prof. Service thru 5/31/22 for SS-83 Ext. WOW#2612
CASTERJON INC.	\$75,738.75 WO#2239 - Levee Dr. Duct Bank
American Messaging Services, LLC	\$1,561.33 July Service
ABDO LLP	\$14,917.50 Cash & Inves, Recon. Fin. Dir. & Acctng
ADAMS, KATIE J	\$114.19 May mileage reimb.
ADRIANSEN, DAVID J	\$200.00 2022 Irrigation Controllers rebate
ALDEN POOL & MUNICIPAL SUPPLY CO.	\$197.00 Pre-filter HI-E DRY 100
ALSTRUP, DAWN	\$500.00 2022 Res. Cooling & Heating
ALTEC INDUSTRIES, INC	\$12,676.21 Cylinder, foot pin, spiral pin
AMERICAN NATL BANK_ACH MASTERCARD	\$4,838.68 June cc charges, July payment date
ARNESON, SCOTT	\$200.00 2022 Irrigation Controllers rebate
ARROW ACE HARDWARE	\$91.36 Bolts & builders
BERNDTSON, ROBERT	\$102.82 Miles reimb.
BHUPATHIRAJU, SIVAMALA	\$50.00 2022 Res. Energy Star Appliance Rebate
BOLTON & MENK, INC	\$1,644.00 W. end lower bluff Trunk - WO#2568
BORDER STATES ELECTRIC SUPPLY INC	\$17,262.21 Pad - Box Pad for Regulators, arrester riser pole type, lug compression, pin-cross arm, pipe - all inventory items
BREIMHORST, PETER	\$165.60 2022 Irrigation Controllers rebate
CITY OF PRIOR LAKE	\$12,675.50 2nd Qtr. Franchise Fee
CITY OF SAVAGE	\$774.71 Water charge McColl Dr. & Horizon Dr.
CITY OF SHAKOPEE	\$10,107.66 June Fuel usage
CITY OF SHAKOPEE	\$443,870.35 SW(\$334,603.87) & SD (109,266.48)
CLIFTONLARSONALLEN LLP	\$9,975.00 Audit Contract for year end 12/31/21
COMCAST CABLE COMMUNICATIONS, INC.	\$2.25 Cable bill for lunchrooms
COPLIN, ANJANETTE	\$1,000.00 2022 Res. Solar Rebate
CRAWFORD, BILL & DAWN	\$500.00 2022 Res. Cooling & Heating
DAKOTA SUPPLY GROUP	\$403.73 VALVE BOX LID GRABBER (OMS)
DELTA DENTAL PLAN OF MN	\$5,349.21 July Premiums
DICK'S/LAKEVILLE SANITATION INC	\$757.02 June & July garbage service
DIVERSIFIED ADJUSTMENT SERVICES INC	\$196.75 June collection due to Agency
FERGUSON US HOLDINGS, INC.	\$200.55 Air vent, hydrant wrench
FERRELLGAS	\$1,102.28 Refill propane tank outside
FILTRATION SYSTEMS, INC	\$117.81 Filters
FIRE SAFETY USA	\$2,325.00 ALUMINUM HYDRANT GATE - WO#2576
FLETCHER, JOHN	\$50.00 2022 Res. Energy Star Appliance Rebate
FURTHER	\$1,053.60 July Admin Fees
GLOBAL EQUIPMENT COMPANY INC.	\$599.43 B2114592 Rack Guard - WO#2470
GOPHER STATE ONE-CALL	\$1,466.10 June locates
GUDMUNSON, SCOTT	\$200.00 2022 Irrigation Controllers rebate
HAGEN, DAVID	\$180.00 Safety boot reimb.
HARVEY, BRIAN	\$163.24 2022 Irrigation Controllers rebate
HAWKINS INC	\$7,188.78 Fluoride/phosphate
HD SUPPLY FACILITIES MAINTENANCE LTD	\$333.86 Case for Hach Pocket Colorimeter, hydrant meter lock, Temp tester
HEALTHPARTNERS	\$80,886.08 Aug. Premiums - July charge month
HENKEMEYER, BARBARA	\$125.00 2022 Res. Energy Star Appliance Rebate
HENNEN'S AUTO SERVICE, INC.	\$86.24 Elec. Dept. trk oil change
HENSLEY, CARL & JENNIFER	\$200.00 2022 Irrigation Controllers rebate
HIGGINS, LISA	\$75.00 2022 Res. Energy Star Appliance Rebate
HRExpertiseBP LLC	\$3,412.50 June HR Consulting
IMPACT MAILING OF MINNESOTA, INC.	\$13,717.58 June Collection letters & Statements
INDELCO PLASTICS CORP	\$99.06 Return connector
INNOVATIVE OFFICE SOLUTIONS LLC	\$1,285.95 Office supplies
INTEGRATED CITY SOLUTIONS	\$19,000.00 Hydrant Painting - WO#2607
INTERSTATE ALL BATTERY CTR	\$216.09 AGM Battery Trk #632
IRBY TOOL & SAFETY	\$14,167.10 GLOVE TESTING, Breaksafe, Crimper repair, bushing, hand crimper, set of jumpers, Elbow grounds
JOHN GREGORY JOHNSON	\$5,550.00 Gen. consulting fees Phase 3 of AMI - WO#2472
JOHNSON, HOLLY 6822 CAMBRIDGE	\$50.00 2022 Res. Star Appliances
JT SERVICES	\$91,761.41 Red marking/locating flags, Innerduct, pole street light breakaway
LEAGUE OF MINNESOTA CITIES	\$779.00 WC Coverage remaining balance due
LEMKE, TIMOTHY	\$125.00 2022 Res. Energy Star Appliance Rebate
LIVING HOPE LUTHERAN CHURCH	\$4,642.00 2022 LED Int & Ext. 8600 horizon Dr.
MACK, DAVID	\$500.00 2022 Res. Cooling & Heating
MAGNUSON, LAURA & DEAN	\$500.00 2022 Res. Cooling & Heating
MARK J TRAUT WELLS, INC	\$70,732.25 Well #23 Pay request #1 - WO#2525

## SHAKOPEE PUBLIC UTILITIES COMMISSION

## WARRANT LISTING

July 18, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby  
authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities

## Commission:

MASTER ELECTRIC	\$150.00	Well #5 Breaker Trip
MINN VALLEY TESTING LABS INC	\$1,501.00	Coliform, testing samples, nitrate & Nitrite,
MINNESOTA DEPT OF HEALTH	\$28,937.25	Community Water Supply Connection fee
MINNESOTA LIFE	\$1,294.67	July Premiums for Life Ins.
MMPA c/o Avant Energy	\$4,884,964.18	June power bill
MMUA	\$7,537.50	3rd Qtr. Safety Management Program
MN DEPT OF REVENUE ACH PAYMENTS	\$299,957.00	June Sales & Use Tax
M10, INC	\$6,745.29	Electric Trench Only - WO#2514
NAGEL COMPANIES LLC	\$3,456.00	Coral Bell/Dahlia Dr. potholing, spicing - WO#2514
NEVILLE, GERRY	\$97.91	Miles reimb.
NICKOLAY, CINDY	\$241.82	Miles reimb.
NORTHERN BALANCE AND SCALE, INC.	\$170.00	1 Point Calibration
NORTHERN STATES POWER CO.	\$5,546.41	June power bill
POLMAN, SCOTT	\$165.56	2022 Irrigation Controllers rebate
POMP'S TIRE SERVICE INC	\$2,620.06	tires for 611, DOT Exam
RAMY TURF PRODUCTS, LLC	\$1,712.64	PRO-SEEDER Commercial Sun & Shade
RAWLSKY, JIM	\$350.00	2022 Res. Cooling & Heating
RESCO	\$3,535.46	WIRE GUY, COIL, module feed thru
RONNING, JEFF	\$500.00	2022 Res. Cooling & Heating
RW Beck Group, Inc, Leidos Eng. LLC	\$17,153.50	WO#2483 -June W. Shak Sub. Design
SCHEMEL, LON	\$420.00	MN AWWA Conf. & Trng. Duluth for L.S.
SCOTT COUNTY RECORDERS OFFICE	\$46.00	2022 Record WC Charge - Mt Olive Church
SIMMONS, KIRK	\$145.82	2022 Irrigation Controllers rebate
SLIPHER, DAVE	\$125.00	2022 Res. Energy Star Appliance Rebate
SMSC	\$91.25	Organics Recycling
SNAP-ON INCORPORATED	\$84.07	pentagon
SOUTHWEST NEWS MEDIA DBA DIV. OF RED	\$1,030.55	Legals and Community Guide
TRIPLETT, GREG	\$174.35	157 Miles reimb.
VERIZON CONNECT FLEET USA LLC	\$523.95	Truck Trackers
VERIZON WIRELESS	\$2,852.07	Cell phone usage 5/24-6/23
VOURLLOS, MICHAEL	\$13.22	April & May Mileage reimb.
WESCO DISTRIBUTION INC	\$8,187.47	SPLICING KIT 750MCM/AL 15KV
WHEELLOCK, BARRY & SARAH	\$350.00	2022 Res. Cooling & Heating
SCOTT COUNTY RECORDERS OFFICE	\$46.00	Record Res. Temp. Easement
	<u>\$6,221,570.49</u>	

---

Presented for approval by: Director of Finance & Administration

---

Approved by General Manager

---

Approved by Commission President

# Monthly Water Dashboard

As of: June 2022

Shakopee Public Utilities Commission

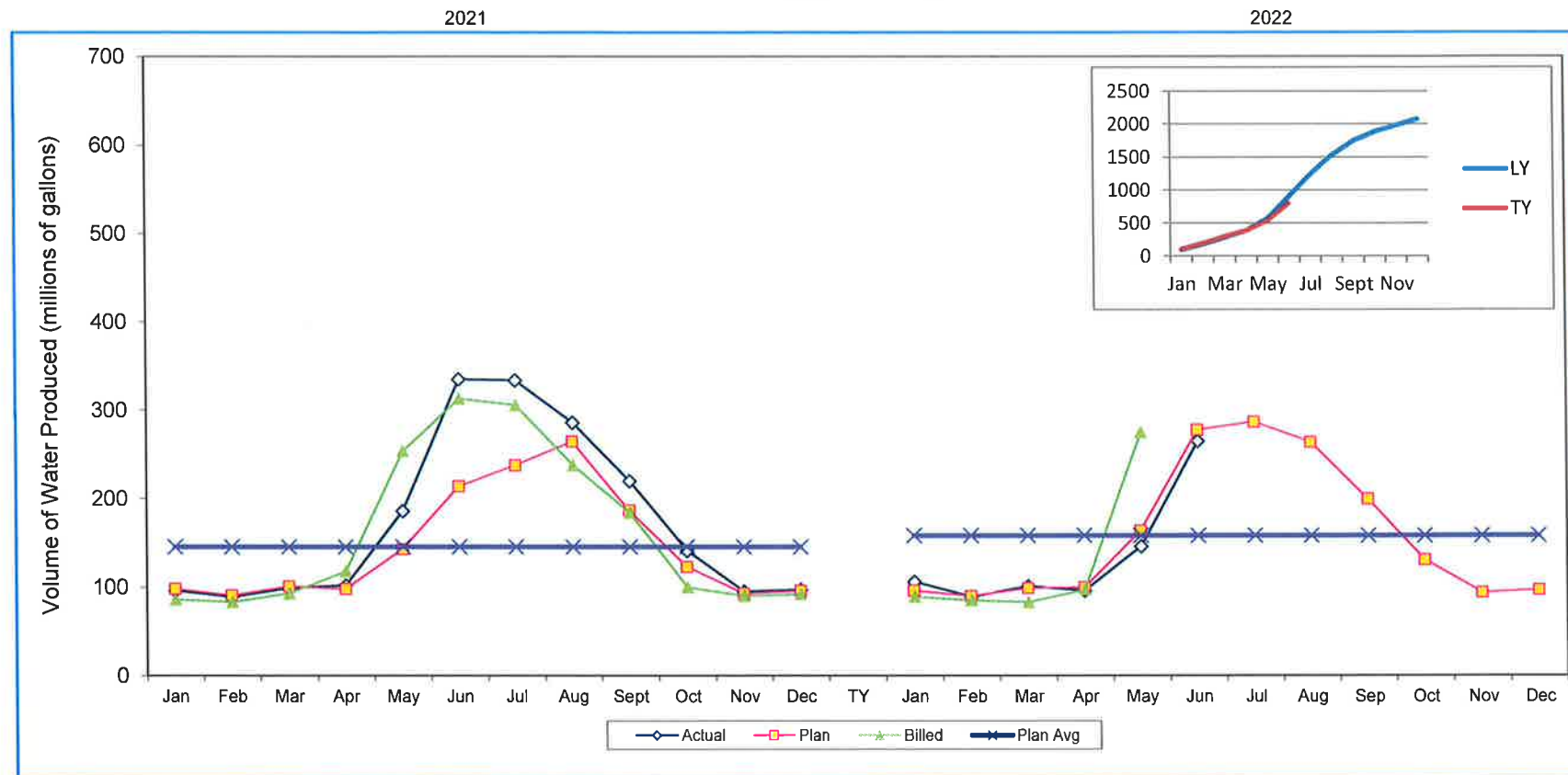
ALL VALUES IN MILLIONS OF GALLONS

## Element/Measure

## Water Pumped/Metered

Monthly Avg  
 2019 139  
 2020 150  
 2021 173

Last 6 months actuals	106	89	101	96	146	265
-----------------------	-----	----	-----	----	-----	-----



	LY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec		TY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actual		96	89	99	102	186	335	334	286	220	141	95	97			106	89	101	96	146	265						
Plan		98	91	101	98	143	214	238	265	187	123	93	96			96	90	99	100	164	278	287	264	200	131	94	97
YTD % *																110%	105%	104%	102%	98%	97%						
Billed		86	83	93	118	254	313	306	238	184	100	90	92			89	85	83	97	275							

\* Actual gallons pumped vs. Plan



Proposed As Consent Item

3g

PO Box 470 • 255 Sarazin Street  
Shakopee, Minnesota 55379  
Main 952.445-1988 • Fax 952.445-7767  
[www.shakopeeutilities.com](http://www.shakopeeutilities.com)

TO: Greg Drent, General Manager

A handwritten signature in blue ink, appearing to read "G.Drent", is placed to the right of the "TO:" line.

FROM: Lon R. Schemel, Water Superintendent

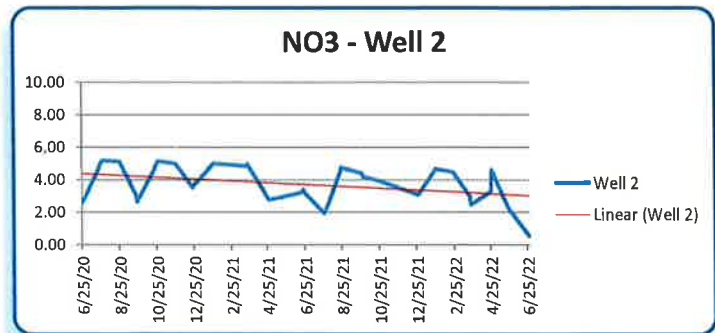
A handwritten signature in blue ink, appearing to read "L. Schemel", is placed to the right of the "FROM:" line.

SUBJECT: Nitrate Results -- Advisory

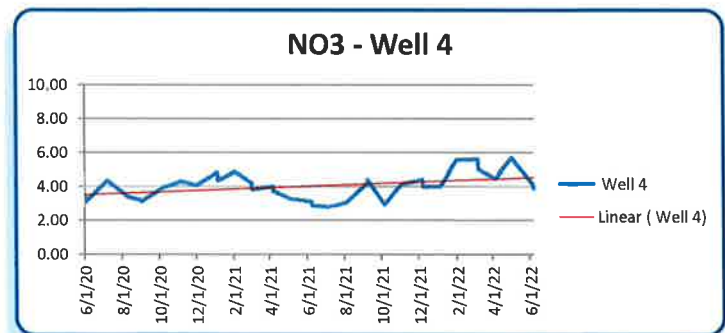
DATE: July 12, 2022

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

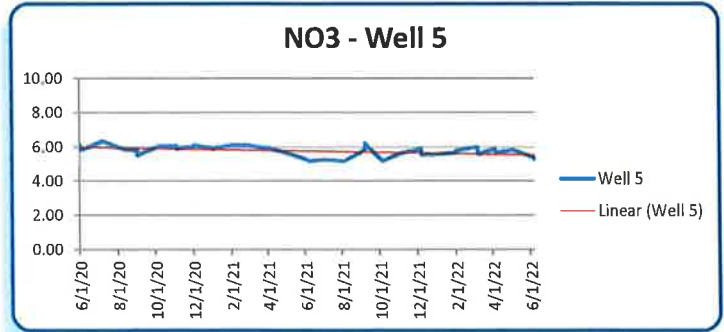
Location	Sample Collected	Results Received	Results	Lab
2	6/25/20	6/30/20	2.62	MVTL
2	7/28/20	7/30/20	5.17	MVTL
2	8/25/20	11/25/20	5.10	MVTL
2	9/21/20	11/25/20	3.00	MDH
2	9/22/20	9/24/20	2.65	MVTL
2	10/27/20	11/25/20	5.10	MVTL
2	11/24/20	12/9/20	4.97	MVTL
2	12/22/20	12/28/20	3.52	MVTL
2	12/22/20	1/29/21	3.60	MDH
2	1/26/21	1/29/21	4.98	MVTL
2	2/23/21	3/23/21	4.91	MVTL
2	3/23/21	3/25/21	4.92	MVTL
2	3/22/21	5/24/21	4.80	MDH
2	4/27/21	5/12/21	2.76	MVTL
2	6/22/21	6/29/21	3.25	MVTL
2	6/22/21	7/12/21	3.40	MDH
2	6/22/21	8/2/21	3.30	MDH
2	7/27/21	8/12/21	1.92	MVTL
2	8/24/21	9/7/21	4.73	MVTL
2	9/27/21	11/8/21	4.40	MDH
2	9/28/21	10/4/21	4.19	MVTL
2	10/26/21	11/5/21	3.93	MVTL
2	12/27/21	1/31/22	3.10	MDH
2	12/28/21	1/10/22	3.13	MVTL
2	1/25/22	2/7/22	4.66	MVTL
2	2/22/22	3/4/22	4.47	MVTL
2	3/21/22	4/6/22	3.00	MDH
2	3/23/22	4/6/22	2.48	MVTL
2	4/25/22	5/23/22	3.30	MDH
2	4/26/22	4/28/22	4.59	MVTL
2	5/24/22	6/6/22	2.27	MVTL
2	6/28/22	7/11/22	0.52	MVTL



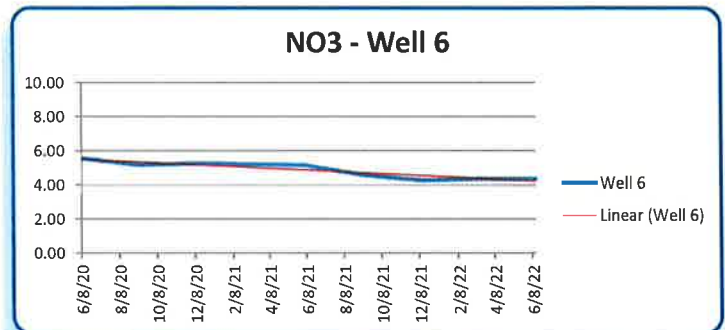
4	6/2/20	6/5/20	3.12	MVTL
4	6/1/20	6/11/20	3.40	MDH
4	7/7/20	7/9/20	4.35	MVTL
4	8/11/20	8/13/20	3.36	MVTL
4	9/1/20	11/25/20	3.16	MVTL
4	9/1/20	11/25/20	3.10	MDH
4	10/6/20	10/8/20	3.93	MVTL
4	11/3/20	11/25/20	4.26	MVTL
4	11/3/20	11/25/20	4.30	MDH
4	12/1/20	12/9/20	4.06	MVTL
4	12/1/20	1/29/21	4.10	MDH
4	1/4/21	3/25/21	4.80	MDH
4	1/5/21	1/8/21	4.35	MVTL
4	2/2/21	2/8/21	4.85	MVTL
4	3/1/21	5/12/21	4.20	MDH
4	3/2/21	3/23/21	3.83	MVTL
4	4/5/21	5/12/21	4.00	MDH
4	4/6/21	5/12/21	3.73	MVTL
4	5/4/21	5/12/21	3.26	MVTL
4	6/7/21	1/31/22	3.10	MDH
4	6/8/21	6/16/21	2.87	MVTL
4	7/6/21	7/12/21	2.78	MVTL
4	8/3/21	8/11/21	3.04	MVTL
4	9/7/21	9/29/21	4.21	MVTL
4	9/7/21	9/30/21	4.40	MDH
4	10/5/21	10/14/21	2.94	MVTL
4	11/2/21	11/8/21	4.15	MVTL
4	12/6/21	7/11/22	4.40	MDH
4	12/7/21	12/15/21	3.99	MVTL
4	1/4/22	1/12/22	4.02	MVTL
4	2/1/22	2/28/22	5.56	MVTL
4	3/7/22	4/6/22	5.60	MDH
4	3/8/22	3/14/22	4.99	MVTL
4	4/5/22	4/12/22	4.46	MVTL
4	5/3/22	5/12/22	5.67	MVTL
4	6/6/22	7/11/22	4.10	MDH
4	6/7/22	6/9/22	3.89	MVTL



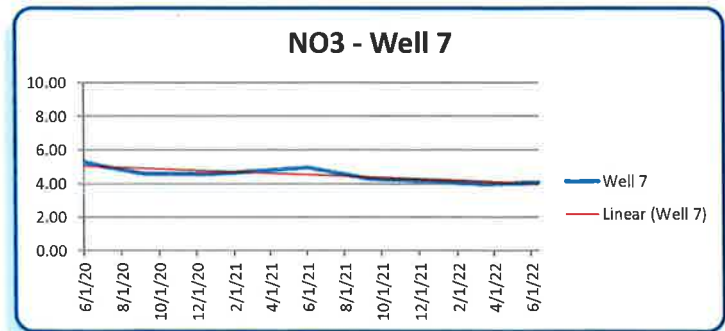
Location	Sample Collected	Results Received	Results	Lab
5	6/2/20	6/5/20	5.82	MVTL
5	6/1/20	6/11/20	6.10	MDH
5	7/7/20	7/9/20	6.32	MVTL
5	8/11/20	8/13/20	5.87	MVTL
5	9/1/20	11/25/20	5.81	MVTL
5	9/1/20	11/25/20	5.50	MDH
5	10/6/20	10/8/20	6.03	MVTL
5	11/3/20	11/25/20	6.07	MVTL
5	11/3/20	11/25/20	5.90	MDH
5	12/1/20	2/9/20	6.02	MVTL
5	12/1/20	1/29/21	6.10	MDH
5	1/4/21	3/25/21	5.90	MDH
5	1/5/21	1/8/21	5.96	MVTL
5	2/2/21	2/8/21	6.09	MVTL
5	3/1/21	5/12/21	6.10	MDH
5	3/2/21	3/23/21	6.07	MVTL
5	4/6/21	5/12/21	5.88	MVTL
5	5/4/21	5/12/21	5.62	MVTL
5	6/7/21	1/31/22	5.20	MDH
5	6/8/21	6/16/21	5.18	MVTL
5	7/6/21	7/12/21	5.25	MVTL
5	8/3/21	8/11/21	5.16	MVTL
5	9/7/21	9/29/21	5.83	MVTL
5	9/7/21	9/30/21	6.20	MDH
5	10/5/21	10/14/21	5.17	MVTL
5	11/2/21	11/8/21	5.62	MVTL
5	12/6/21	7/11/22	5.90	MDH
5	12/7/21	12/15/21	5.56	MVTL
5	1/4/22	1/12/22	5.58	MVTL
5	2/1/22	2/28/22	5.67	MVTL
5	2/1/22	3/14/22	5.80	MDH
5	3/7/22	4/6/22	6.00	MDH
5	3/8/22	3/14/22	5.58	MVTL
5	4/4/22	5/12/22	5.90	MDH
5	4/5/22	4/12/22	5.66	MVTL
5	5/3/22	5/12/22	5.83	MVTL
5	6/6/22	7/11/22	5.40	MDH
5	6/7/22	6/9/22	5.30	MVTL



6	6/8/20	6/20/20	5.60	MDH
6	9/8/2020	1/29/21	5.20	MDH
6	12/7/2020	1/29/21	5.30	MDH
6	6/1/2021	8/2/21	5.20	MDH
6	9/13/2021	9/29/21	4.60	MDH
6	12/13/2021	1/31/22	4.30	MDH
6	3/14/2022	4/6/22	4.40	MDH
6	6/13/2022	7/11/22	4.40	MDH

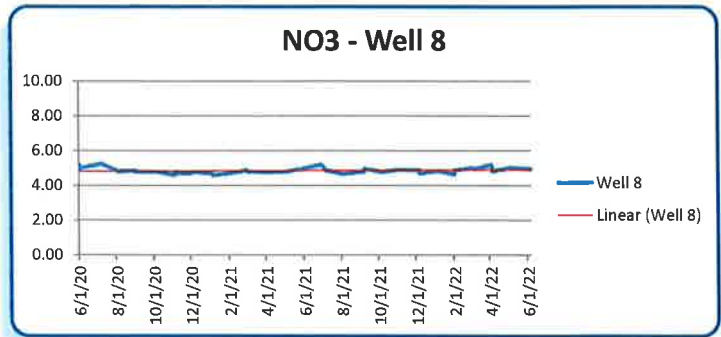


7	6/1/20	6/11/20	5.30	MDH
7	9/8/20	1/29/21	4.60	MDH
7	12/22/20	1/29/21	4.60	MDH
7	6/1/21	8/2/21	5.00	MDH
7	9/13/21	9/29/21	4.30	MDH
7	12/13/21	1/31/22	4.20	MDH
7	3/14/22	4/6/22	4.00	MDH
7	6/13/22	7/11/22	4.10	MDH

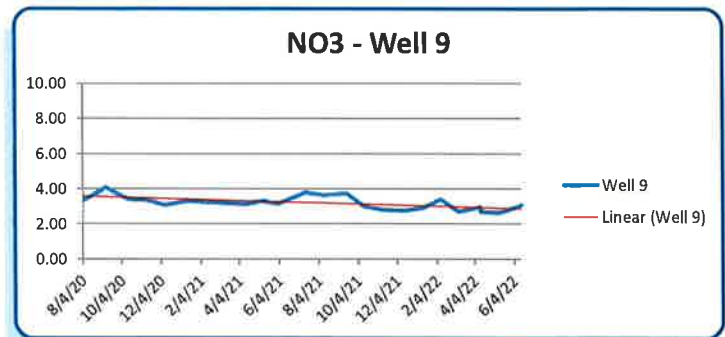




Location	Sample Collected	Results Received	Results	Lab
8	6/2/20	6/5/20	5.02	MVTL
8	6/1/20	6/11/20	5.20	MDH
8	7/7/20	7/9/20	5.25	MVTL
8	8/4/20	8/6/20	4.85	MVTL
8	9/1/20	11/25/20	4.87	MVTL
8	9/1/20	11/25/20	4.80	MDH
8	10/6/20	10/8/20	4.80	MVTL
8	11/3/20	11/25/20	4.62	MVTL
8	11/3/20	11/25/20	4.70	MDH
8	12/1/20	12/9/20	4.70	MVTL
8	12/1/20	1/29/21	4.80	MDH
8	1/4/21	3/25/21	4.70	MDH
8	1/5/21	1/8/21	4.60	MVTL
8	2/2/21	2/8/21	4.72	MVTL
8	3/1/21	5/12/21	4.90	MDH
8	3/2/21	3/23/21	4.82	MVTL
8	4/6/21	5/12/21	4.77	MVTL
8	5/4/21	5/12/21	4.82	MVTL
8	6/29/21	8/2/21	5.20	MDH
8	7/6/21	7/12/21	4.90	MVTL
8	8/3/21	8/11/21	4.68	MVTL
8	9/7/21	9/29/21	4.83	MVTL
8	9/7/21	9/30/21	5.00	MDH
8	10/5/21	10/14/21	4.80	MVTL
8	11/2/21	11/8/21	4.92	MVTL
8	12/6/21	7/11/22	4.90	MDH
8	12/7/21	12/15/21	4.70	MVTL
8	1/4/22	1/12/22	4.87	MVTL
8	2/1/22	2/28/22	4.67	MVTL
8	2/1/22	3/14/22	4.90	MDH
8	3/1/22	3/8/22	5.05	MVTL
8	3/8/22	4/6/22	5.00	MDH
8	4/4/22	5/12/22	5.20	MDH
8	4/5/22	4/12/22	4.85	MVTL
8	5/3/22	5/12/22	5.06	MVTL
8	6/6/22	7/11/22	5.00	MDH
8	6/7/22	6/9/22	4.99	MVTL



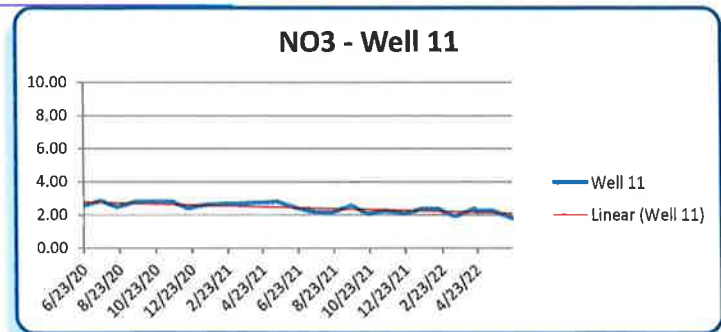
9	8/4/20	8/6/20	3.38	MVTL
9	9/8/20	11/25/20	4.07	MVTL
9	10/13/20	11/25/20	3.44	MVTL
9	11/10/20	11/25/20	3.39	MVTL
9	12/8/20	12/28/20	3.09	MVTL
9	1/12/21	1/14/21	3.32	MVTL
9	4/13/21	4/26/21	3.16	MVTL
9	5/11/21	5/18/21	3.35	MVTL
9	5/11/21	5/24/21	3.30	MDH
9	6/1/21	6/7/21	3.19	MVTL
9	7/13/21	8/2/21	3.80	MVTL
9	8/10/21	8/27/21	3.66	MVTL
9	9/14/21	9/29/21	3.75	MVTL
9	10/12/21	10/20/21	3.03	MVTL
9	11/9/21	11/16/21	2.84	MVTL
9	12/14/21	12/27/21	2.79	MVTL
9	1/11/22	1/31/22	2.94	MVTL
9	2/8/22	2/23/22	3.43	MVTL
9	3/8/22	3/14/22	2.74	MVTL
9	4/11/22	4/26/22	3.00	MDH
9	4/12/22	4/22/22	2.72	MVTL
9	5/10/22	5/18/22	2.67	MVTL
9	6/14/22	6/23/22	3.10	MVTL



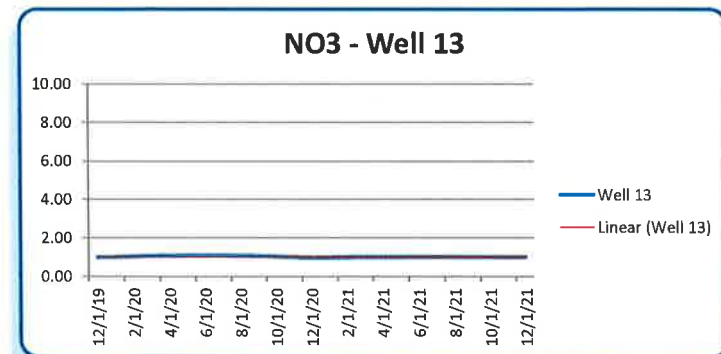
10	4/17/12	4/20/12	< 1.00	TCWC
10	1/21/14	1/29/14	< 1.00	TCWC
10	3/25/14	4/1/14	3.61	MVTL
10	4/23/14	5/7/14	< 0.20	MVTL
10	4/23/14	6/16/14	< 0.05	MDH
10	6/16/15	6/26/15	< 0.05	MVTL
10	4/11/17	4/17/17	< 0.05	MVTL
10	1/8/19	1/14/19	< 0.05	MVTL
10	7/9/19	7/24/19	< 0.05	MVTL
10	10/12/21	10/20/21	< 0.05	MVTL

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

Location	Sample Collected	Results Received	Results	Lab
11	6/23/20	6/26/20	2.58	MVTL
11	7/21/20	7/23/20	2.86	MVTL
11	8/18/20	8/20/20	2.47	MVTL
11	9/15/20	9/24/20	2.78	MVTL
11	10/20/20	11/25/20	2.81	MVTL
11	11/17/20	11/25/20	2.82	MVTL
11	12/15/20	12/18/20	2.41	MVTL
11	1/19/21	1/25/21	2.64	MVTL
11	4/20/21	4/26/21	2.75	MVTL
11	5/17/21	5/28/21	2.80	MDH
11	5/18/21	5/28/21	2.78	MVTL
11	6/15/21	6/29/21	2.48	MVTL
11	7/20/21	8/2/21	2.18	MVTL
11	8/17/21	8/27/21	2.14	MVTL
11	9/21/21	9/29/21	2.58	MVTL
11	10/19/21	11/8/21	2.06	MVTL
11	11/16/21	12/2/21	2.27	MVTL
11	12/21/21	12/30/21	2.10	MVTL
11	1/18/22	1/31/22	2.37	MVTL
11	2/15/22	2/28/22	2.36	MVTL
11	3/15/22	3/17/22	1.92	MVTL
11	4/18/22	5/12/22	2.40	MDH
11	4/19/22	4/28/22	2.25	MVTL
11	5/17/22	5/27/22	2.28	MVTL
11	6/21/22	6/23/22	1.82	MVTL



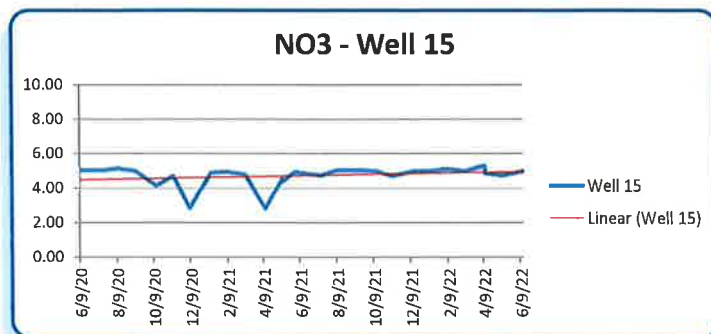
12	9/9/19	10/3/19	0.65	MVTL
12	12/10/19	12/19/19	0.74	MVTL
12	3/10/20	3/19/20	0.73	MVTL
12	6/9/20	6/12/20	0.62	MVTL
12	9/8/20	11/25/20	0.63	MVTL
12	12/8/20	12/28/20	0.69	MVTL
12	3/9/21	3/23/21	0.60	MVTL
12	6/1/21	6/7/21	0.57	MVTL
12	9/14/21	9/29/21	0.59	MVTL
12	12/14/21	12/27/21	0.50	MVTL
12	3/23/22	4/6/22	0.48	MVTL
12	6/14/22	6/23/22	0.49	MVTL



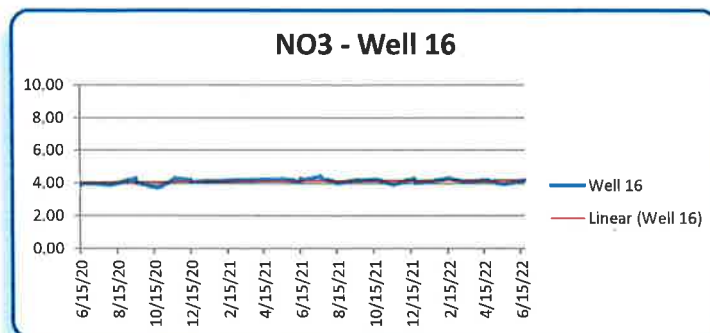
13	12/3/19	12/13/19	1.00	MVTL
13	3/3/20	3/19/20	1.08	MVTL
13	6/2/20	6/5/20	1.11	MVTL
13	9/1/20	11/25/20	1.08	MVTL
13	12/1/20	12/9/20	0.98	MVTL
13	3/2/21	3/23/21	1.02	MVTL
13	12/7/21	12/15/21	1.03	MVTL

14	4/23/14	6/16/14	< 0.05	MDH
14	4/11/17	4/17/17	< 0.05	MVTL
14	9/5/17	9/26/17	< 0.05	MVTL
14	12/5/17	12/22/17	< 0.05	MVTL
14	3/6/18	3/26/18	< 0.05	MVTL
14	6/5/18	6/14/18	< 0.05	MVTL

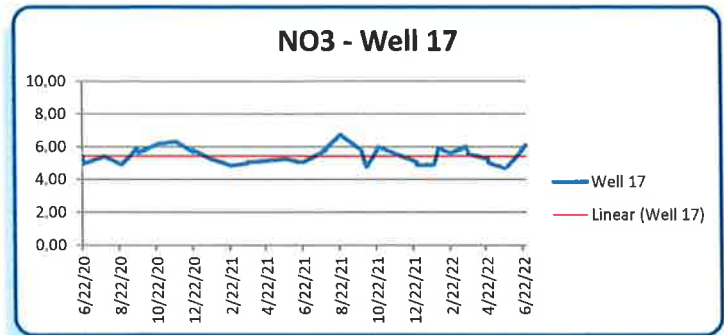
Location	Sample Collected	Results Received	Results	Lab
15	6/9/20	6/12/20	5.05	MVTL
15	7/14/20	7/16/20	5.04	MVTL
15	8/11/20	8/13/20	5.15	MVTL
15	9/8/20	11/25/20	5.00	MVTL
15	10/13/20	11/25/20	4.14	MVTL
15	11/10/20	11/25/20	4.72	MVTL
15	12/8/20	12/28/20	2.82	MVTL
15	1/12/21	1/14/21	4.92	MVTL
15	2/9/21	4/2/21	4.96	MVTL
15	3/9/21	3/23/21	4.81	MVTL
15	4/13/21	4/26/21	2.79	MVTL
15	5/11/21	5/18/21	4.56	MVTL
15	5/11/21	5/24/21	4.40	MDH
15	6/1/21	6/7/21	4.95	MVTL
15	7/13/21	8/2/21	4.76	MVTL
15	8/10/21	8/27/21	5.05	MVTL
15	9/21/21	9/29/21	5.04	MVTL
15	10/12/21	10/20/21	5.02	MVTL
15	11/9/21	11/16/21	4.72	MVTL
15	12/14/21	12/27/21	5.00	MVTL
15	1/11/22	1/31/22	5.02	MVTL
15	2/8/22	2/23/22	5.13	MVTL
15	3/8/22	3/14/22	5.00	MVTL
15	4/11/22	4/26/22	5.30	MDH
15	4/12/22	4/22/22	4.88	MVTL
15	5/10/22	5/18/22	4.76	MVTL
15	6/14/22	6/23/22	5.01	MVTL



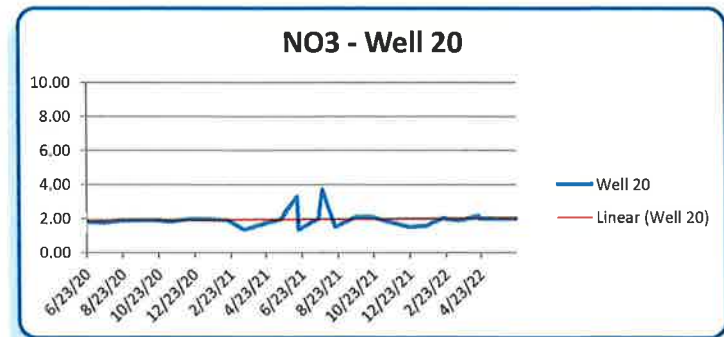
16	6/16/20	6/19/20	4.01	MVTL
16	6/15/20	7/29/20	3.90	MDH
16	7/7/20	7/9/20	4.00	MVTL
16	8/4/20	8/6/20	3.91	MVTL
16	9/14/20	11/25/20	4.30	MDH
16	9/15/20	9/24/20	4.05	MVTL
16	10/20/20	11/25/20	3.73	MVTL
16	11/17/20	11/25/20	4.21	MVTL
16	11/17/20	3/25/21	4.30	MDH
16	12/14/20	1/29/21	4.20	MDH
16	12/15/20	12/18/20	4.09	MVTL
16	6/17/21	8/2/21	4.20	MDH
16	5/18/21	5/28/21	4.26	MVTL
16	6/14/21	8/2/21	4.10	MDH
16	6/15/21	6/29/21	4.29	MVTL
16	7/19/21	8/12/21	4.40	MDH
16	7/20/21	8/2/21	4.29	MVTL
16	8/17/21	8/27/21	4.02	MVTL
16	9/20/21	11/8/21	4.20	MDH
16	9/21/21	9/29/21	4.18	MVTL
16	10/19/21	11/8/21	4.23	MVTL
16	11/16/21	12/2/21	3.93	MVTL
16	12/20/21	1/31/22	4.30	MDH
16	12/21/21	12/30/21	4.04	MVTL
16	1/18/22	1/31/22	4.12	MVTL
16	2/15/22	2/28/22	4.32	MVTL
16	3/15/22	3/17/22	4.07	MVTL
16	3/15/22	4/6/22	4.10	MDH
16	4/19/22	4/28/22	4.19	MVTL
16	5/17/22	5/27/22	3.97	MVTL
16	6/21/22	6/23/22	4.17	MVTL
16	6/21/22	7/11/22	4.20	MDH



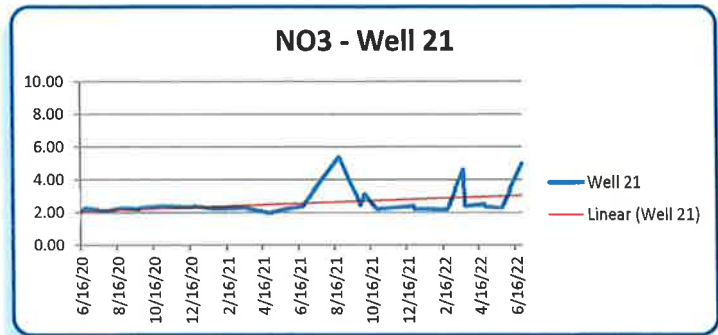
Location	Sample Collected	Results Received	Results	Lab
17	6/23/20	6/26/20	4.98	MVTL
17	6/22/20	7/29/20	5.40	MDH
17	7/28/20	7/30/20	5.43	MVTL
17	8/25/20	11/25/20	4.94	MVTL
17	9/21/20	11/25/20	5.90	MDH
17	9/22/20	9/24/20	5.63	MVTL
17	10/27/20	11/25/20	6.17	MVTL
17	11/24/20	12/9/20	6.30	MVTL
17	12/22/20	12/28/20	5.67	MVTL
17	12/22/20	1/29/21	5.80	MDH
17	1/25/21	3/25/21	5.20	MDH
17	1/26/21	1/29/21	5.22	MVTL
17	2/23/21	3/23/21	4.86	MVTL
17	3/22/21	5/24/21	5.00	MDH
17	3/23/21	3/25/21	5.07	MVTL
17	5/25/21	6/1/21	5.27	MVTL
17	6/14/21	8/2/21	5.10	MDH
17	6/22/21	6/29/21	5.08	MVTL
17	7/27/21	8/12/21	5.75	MVTL
17	8/24/21	9/7/21	6.73	MVTL
17	9/27/21	11/8/21	5.80	MDH
17	9/28/21	10/4/21	5.60	MVTL
17	10/5/21	10/14/21	4.79	MVTL
17	10/26/21	11/5/21	5.98	MVTL
17	12/27/21	1/31/22	5.10	MDH
17	12/28/21	1/10/22	4.90	MVTL
17	1/25/22	2/7/22	4.91	MVTL
17	2/2/22	4/25/22	5.90	MDH
17	2/22/22	3/4/22	5.62	MVTL
17	3/21/22	4/6/22	6.00	MDH
17	3/23/22	4/6/22	5.56	MVTL
17	4/25/22	6/2/22	5.30	MDH
17	4/26/22	4/28/22	5.05	MVTL
17	5/24/22	6/6/22	4.70	MVTL
17	6/28/22	7/11/22	6.09	MVTL



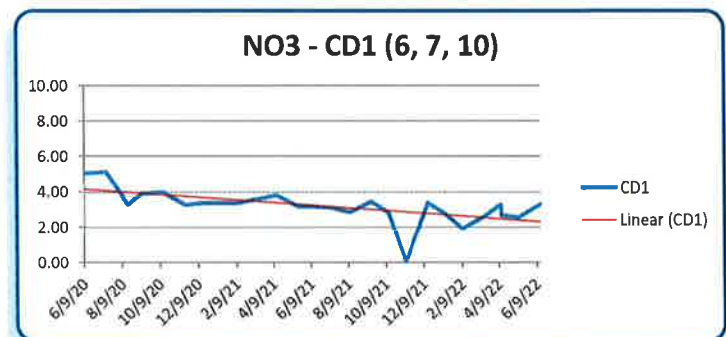
20	6/23/20	6/26/20	1.81	MVTL
20	7/21/20	7/23/20	1.79	MVTL
20	8/18/20	8/20/20	1.92	MVTL
20	9/15/20	9/24/20	1.94	MVTL
20	10/20/20	11/25/20	1.93	MVTL
20	11/10/20	11/25/20	1.85	MVTL
20	12/15/20	12/18/20	2.01	MVTL
20	1/19/21	1/25/21	1.98	MVTL
20	2/16/21	2/19/21	1.93	MVTL
20	3/16/21	3/23/21	1.36	MVTL
20	4/20/21	4/26/21	1.74	MVTL
20	5/17/21	5/28/21	2.00	MDH
20	5/18/21	5/28/21	2.05	MVTL
20	6/14/21	8/2/21	3.30	MDH
20	6/15/21	6/29/21	1.36	MVTL
20	7/20/21	8/2/21	2.03	MVTL
20	7/27/21	8/12/21	3.71	MVTL
20	8/17/21	8/27/21	1.53	MVTL
20	9/21/21	9/29/21	2.13	MVTL
20	10/19/21	11/8/21	2.13	MVTL
20	11/16/21	12/2/21	1.85	MVTL
20	12/21/21	12/30/21	1.54	MVTL
20	1/18/22	1/31/22	1.60	MVTL
20	2/15/22	2/28/22	2.06	MVTL
20	3/15/22	3/17/22	1.93	MVTL
20	4/18/22	5/12/22	2.20	MDH
20	4/19/22	4/28/22	2.05	MVTL
20	5/17/22	5/27/22	2.05	MVTL
20	6/21/22	6/23/22	2.05	MVTL



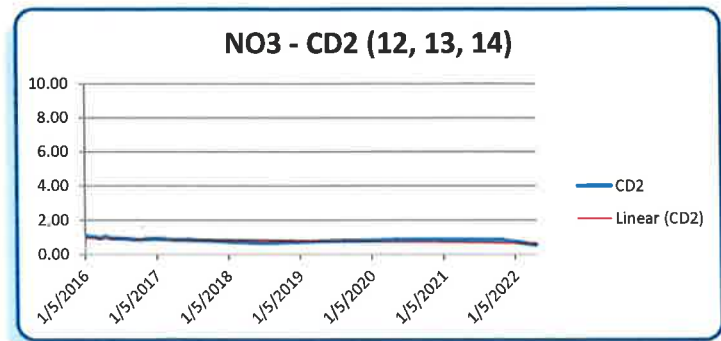
Location	Sample Collected	Results Received	Results	Lab
21	6/16/20	6/19/20	2.08	MVTL
21	6/16/20	7/29/20	2.10	MDH
21	6/24/20	7/9/20	2.30	MDH
21	7/28/20	7/30/20	2.10	MVTL
21	8/25/20	11/25/20	2.30	MVTL
21	9/21/20	11/25/20	2.20	MDH
21	9/22/20	9/24/20	2.30	MVTL
21	10/27/20	11/25/20	2.38	MVTL
21	11/24/20	12/9/20	2.37	MVTL
21	12/22/20	12/28/20	2.35	MVTL
21	12/22/20	1/29/21	2.40	MDH
21	1/26/21	1/29/21	2.24	MVTL
21	2/23/21	3/23/21	2.28	MVTL
21	3/23/21	3/25/21	2.24	MVTL
21	3/22/21	5/24/21	2.30	MDH
21	4/27/21	5/12/21	1.97	MVTL
21	5/25/21	6/1/21	2.22	MVTL
21	5/24/21	6/15/21	2.20	MDH
21	6/22/21	6/29/21	2.39	MVTL
21	8/24/21	9/7/21	5.39	MVTL
21	9/27/21	11/8/21	2.60	MDH
21	9/28/21	10/4/21	2.45	MVTL
21	10/5/21	10/14/21	3.12	MVTL
21	10/26/21	11/5/21	2.22	MVTL
21	12/27/21	1/31/22	2.40	MDH
21	12/28/21	1/10/22	2.22	MVTL
21	1/25/22	2/7/22	2.22	MVTL
21	2/22/22	3/4/22	2.20	MVTL
21	3/21/22	4/6/22	4.60	MDH
21	3/23/22	4/6/22	2.40	MVTL
21	4/25/22	5/23/22	2.50	MDH
21	4/26/22	4/28/22	2.36	MVTL
21	5/24/22	6/6/22	2.30	MVTL
21	6/28/22	7/11/22	4.97	MVTL



Combined Discharge - Wells 6-7-10				
CD 1	6/9/20	6/12/20	5.04	MVTL
CD 1	7/14/20	7/16/20	5.12	MVTL
CD 1	8/18/20	8/20/20	3.29	MVTL
CD 1	9/8/20	11/25/20	3.90	MVTL
CD 1	10/13/20	11/25/20	3.99	MVTL
CD 1	11/17/20	11/25/20	3.26	MVTL
CD 1	12/22/20	12/28/20	3.38	MVTL
CD 1	2/9/21	4/2/21	3.39	MVTL
CD 1	4/13/21	4/26/21	3.80	MVTL
CD 1	5/17/21	5/28/21	3.20	MDH
CD 1	6/1/21	6/7/21	3.20	MVTL
CD 1	7/13/21	8/2/21	3.11	MVTL
CD 1	8/10/21	8/27/21	2.87	MVTL
CD 1	9/14/21	9/29/21	3.46	MVTL
CD 1	10/12/21	10/20/21	2.86	MVTL
CD 1	11/9/21	11/16/21	0.05	MVTL
CD 1	12/14/21	12/27/21	3.39	MVTL
CD 1	1/11/22	1/31/22	2.79	MVTL
CD 1	2/8/22	2/23/22	1.92	MVTL
CD 1	3/15/22	3/17/22	2.63	MVTL
CD 1	4/11/22	4/26/22	3.30	MDH
CD 1	4/12/22	4/22/22	2.69	MVTL
CD 1	5/10/22	5/18/22	2.60	MVTL
CD 1	6/14/22	6/23/22	3.33	MVTL



Location	Sample Collected	Results Received	Results	Lab
<b>Combined Discharge - Wells 12-13-14</b>				
CD 2	1/5/2016	1/13/2016	1.08	MVTL
CD 2	2/23/2016	2/29/2016	1.03	MVTL
CD 2	3/22/2016	3/28/2016	0.96	MVTL
CD 2	4/12/2016	4/19/2016	1.07	MVTL
CD 2	5/10/2016	5/16/2016	0.98	MVTL
CD 2	5/10/2016	6/2/2016	0.97	MDH
CD 2	7/12/2016	7/18/2016	0.93	MVTL
CD 2	10/11/2016	10/17/2016	0.87	MVTL
CD 2	11/8/2016	11/17/2016	0.91	MVTL
CD 2	1/10/2017	1/20/2017	0.92	MVTL
CD 2	4/11/2017	4/17/2017	0.85	MVTL
CD 2	6/8/2017	6/28/2017	0.86	MDH
CD 2	6/22/2018	7/18/2018	0.67	MDH
CD 2	4/16/2019	5/1/2019	0.78	MDH
CD 2	4/27/2020	6/5/2020	0.86	MDH
CD 2	10/25/2021	11/15/2021	0.87	MDH
CD 2	4/25/2022	5/23/2022	0.56	MDH





PO Box 470 • 255 Sarazin Street  
Shakopee, Minnesota 55379  
Main 952.445-1988 • Fax 952.445-7767  
www.shakopeeutilities.com

**DATE:** July 11, 2022  
**TO:** Greg Drent, General Manager *GD*  
**FROM:** Kelley Willemssen, Director of Finance & Administration *kw*  
**SUBJECT:** Annual Elections for the 2022 -2023 Insurance Policy

---

### Background:

As part of the annual insurance renewal process, the Commission must determine whether to waive the statutory limit on tort liability.

### Liability Insurance

The Commission must select one of the following options for the statutory tort limit on liability claims:

**1. Do not waive the statutory tort limit.** In this case, no individual will be able to recover more than \$500,000 from SPU. For accidents or incidents where multiple persons have claims against SPU, the total for all claimants will be limited to \$1,500,000.

**2. Waive the statutory tort limit but do not purchase excess liability insurance.** In this case an individual will be able to recover up to \$2,000,000 from SPU. For accidents or incidents where multiple persons have claims against SPU, the total for all claimants will still be limited to \$2,000,000.

**3. Waive the statutory tort limit and purchase excess liability coverage.** In this case an individual could potentially recover an amount up to the limit of the coverage purchased. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to the amount of coverage purchased, regardless of the number of claimants.

Historically, Shakopee Public Utilities has opted not to waive the limit.

### Recommendation

Motion to approve not waiving the statutory tort liability for the 2022 – 2023 insurance policy.

## **LIABILITY COVERAGE – WAIVER FORM**

**Members who obtain liability coverage through the League of Minnesota Cities Insurance Trust (LMCIT) must complete and return this form to LMCIT before the member's effective date of coverage. Return completed form to your underwriter or email to [psstech@lmc.org](mailto:psstech@lmc.org).**

*The decision to waive or not waive the statutory tort limits must be made annually by the member's governing body, in consultation with its attorney if necessary.*

Members who obtain liability coverage from LMCIT must decide whether to waive the statutory tort liability limits to the extent of the coverage purchased. The decision has the following effects:

- *If the member does not waive the statutory tort limits, an individual claimant could recover no more than \$500,000 on any claim to which the statutory tort limits apply. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would be limited to \$1,500,000. These statutory tort limits would apply regardless of whether the member purchases the optional LMCIT excess liability coverage.*
- *If the member waives the statutory tort limits and does not purchase excess liability coverage, a single claimant could recover up to \$2,000,000 for a single occurrence (under the waive option, the tort cap liability limits are only waived to the extent of the member's liability coverage limits, and the LMCIT per occurrence limit is \$2,000,000). The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to \$2,000,000, regardless of the number of claimants.*
- *If the member waives the statutory tort limits and purchases excess liability coverage, a single claimant could potentially recover an amount up to the limit of the coverage purchased. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to the amount of coverage purchased, regardless of the number of claimants.*

Claims to which the statutory municipal tort limits do not apply are not affected by this decision.



---

LMCIT Member Name: \_\_\_\_\_

*Check one:*

☐ The member **DOES NOT WAIVE** the monetary limits on municipal tort liability established by Minn. Stat. § 466.04.

☐ The member **WAIVES** the monetary limits on municipal tort liability established by Minn. Stat. § 466.04, to the extent of the limits of the liability coverage obtained from LMCIT.

Date of member's governing body meeting: \_\_\_\_\_

Signature: \_\_\_\_\_ Position: \_\_\_\_\_



PO Box 470 • 255 Sarazin Street  
Shakopee, Minnesota 55379  
Main 952.445-1988 • Fax 952.445-7767  
www.shakopeeutilities.com

To: SPU Commissioners

From: Greg Drent, General Manager *gdw*

Date: June 30, 2022

Subject: MMPA June Meeting Update

The Board of Directors of the Minnesota Municipal Power Agency (MMPA) met on June 28, 2022, at Chaska City Hall in Chaska, Minnesota and via videoconference.

The Board reviewed the Agency's financial and operating performance for May 2022.

The Board discussed the current business environment and its impacts on MMPA's plans.

The Board discussed the Agency's approach to risk management.

The Board was informed that groundbreaking occurred on the Walleye Wind Farm on June 22. Walleye Wind Farm is a 110 MW wind farm in southwestern Minnesota. MMPA has a long-term power purchase agreement (PPA) for all of the wind farm's output.

The Board approved an updated version of its transmission transformed tariff to support economic development in member communities.

There was an increase of 19 customers participating in MMPA's residential Clean Energy Choice program from April to May. Customer penetration of the program increased to 3.9%.

RESOLUTION #2022-17

RESOLUTION SETTING THE AMOUNT  
OF THE TRUNK WATER CHARGE, APPROVING OF ITS COLLECTION  
AND AUTHORIZING WATER SERVICE TO CERTAIN PROPERTY  
DESCRIBED AS:

WHISPERING WATERS 2<sup>ND</sup> ADDITION

Block 1, Lots 1- -23; Block 2, Lots 1 – 3; Block 3, Lots 1- 22;  
Block 4, Lots 1 – 22; Outlot C

WHEREAS, a request has been received for City water service to be made available to certain property, and

WHEREAS, the collection of the Trunk Water Charge is one of the standard requirements before City water service is newly made available to an area, and

WHEREAS, the standard rate to be applied for the Trunk Water Charge has been set by separate Resolution,

NOW THEREFORE, BE IT RESOLVED, that the amount of the Trunk Water Charge is determined to be \$74,725.20 based on 15.3 net acres, and that collection of the Trunk Water Charge is one of the requirements to be completed prior to City water service being made available to that certain property described as:

Block 1, Lots 1- -23; Block 2, Lots 1 – 3; Block 3, Lots 1- 22;  
Block 4, Lots 1 – 22; Outlot C

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 18th day of July, 2022.

---

Commission President: Kathi Mocol

ATTEST:

---

Commission Secretary: Greg Drent

RESOLUTION #2022-18

RESOLUTION APPROVING OF THE ESTIMATED COST OF  
PIPE OVERSIZING ON THE WATERMAIN PROJECT:

WHISPERING WATERS 2<sup>nd</sup> ADDITION

WHEREAS, the Shakopee Public Utilities Commission has been notified of a watermain project, and

WHEREAS, the pipe sizes required for that project have been approved as shown on the engineering drawing by Probe Engineering Company, Inc.

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 those costs to install oversize pipe above the standard size, and

WHEREAS, the pipes considered oversized are identified on an attachment to this Resolution,

NOW THEREFORE, BE IT RESOLVED, that the total amount of the oversizing to be paid by the Shakopee Public Utilities Commission is approved in the amount of approximately \$42,475.00, and

BE IT FURTHER RESOLVED, the payment of the actual amount for said oversizing will be approved by the Utilities Commission when final costs for the watermain project are known, 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 18<sup>th</sup> day of July, 2022.

---

Commission President: Kathi Mocol

ATTEST:

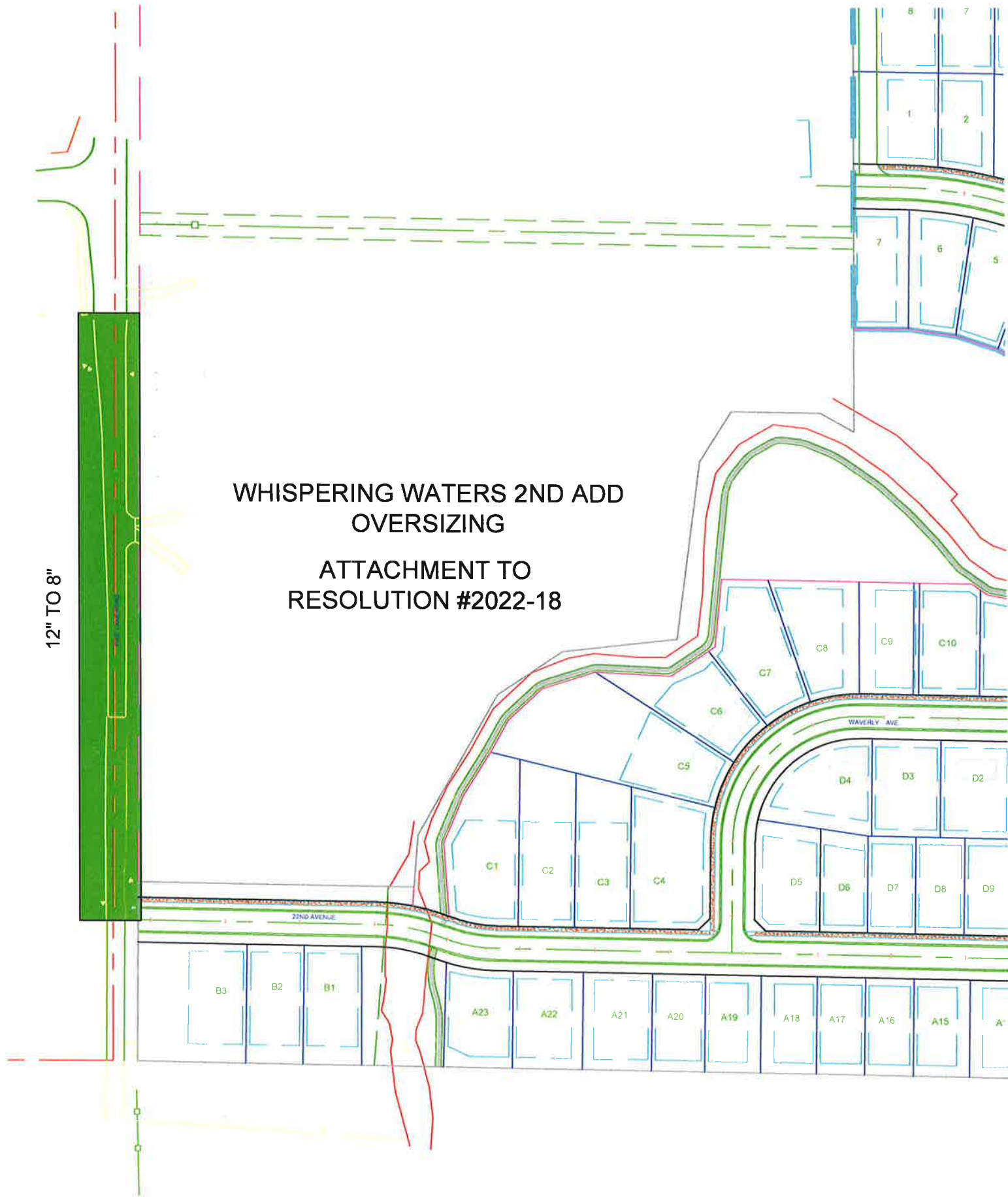
---

Commission Secretary: Greg Drent

WHISPERING WATERS 2ND ADD  
OVERSIZING

ATTACHMENT TO  
RESOLUTION #2022-18

12" TO 8"





PO Box 470 • 255 Sarazin Street  
Shakopee, Minnesota 55379  
Main 952.445-1988 • Fax 952.445-7767  
www.shakopeeutilities.com

July 8, 2022

TO: Greg Drent, General Manager *GD*  
FROM: Sharon Walsh, Director of Marketing, Key Accounts and Special Projects *SW*  
SUBJECT: AMI – Bid Process Update

---

#### Overview

As previously discussed, the AMI public bid opening was held in the SPU Commission Room, and virtually, on Monday, June 20, 2022. Seven (7) submissions were received.

We are currently in the review process. KTI (Katama Technologies, Inc.) will assess each submission by business case and pricing. Furthermore, a technical evaluation will be performed, which involves putting all data responses in a statistically accurate format for comparison. All narratives provided by vendors will be included as notables.

The overall evaluation will be based on a "Total Cost of Ownership" over ten (10) years. This will include initial upfront investment costs, as well as ongoing service and maintenance fees. This evaluation is scheduled to be completed by July 18, 2022.

The goal is to narrow the submissions received down to the top two to three vendors. In-person presentations will be held with these top vendors in late July and August, keeping us on schedule to make a vendor selection in September.

#### Action Requested

No action is required.



TO: Greg Drent, General Manager *GD*  
FROM: Joseph D. Adams, Planning & Engineering Director *JDA*  
SUBJECT: 2022 MMPA Transmission Transformed Rate  
DATE: July 14, 2022

## ISSUE

Minnesota Municipal Power Agency, SPU's wholesale power supplier, has recently released a new Transmission Transformed Rate for its members, including SPU.

## BACKGROUND

The Utilities Commission adopted this new rate for the first time in the fall of 2020 and it was last updated this year in February 2022. It is for very large demand customers only, with a minimum of 5000 kVA peak annual demand.

## DISCUSSION

At this time SPU does not have any customers that would qualify for this rate, but it can be used as an incentive to attract a certain user like a very large data center or manufacturing/production facility.

## REQUESTED ACTION

Staff requests the Commission adopt the new rate as presented.

## **SHAKOPEE PUBLIC UTILITIES (SPU)**

### **ELECTRIC RATE SCHEDULE – TRANSMISSION TRANSFORMED SERVICE**

#### **Conditions of Service**

- Customer must take retail three-phase electric service at a transmission transformed voltage via a direct connection to one of SPU's distribution substations.
- Customer must have a minimum annual peak demand of 5,000 kilowatts (kW).
- Customer's annual load factor must be no less than 75%.
- Customers that fail to meet the above criteria shall be moved to another electric rate schedule.
- New customers not yet taking service must demonstrate that they are likely to meet the above criteria prior to taking service under this rate schedule.
- Any Customer taking service under this electric rate schedule must acknowledge that this rate schedule contains market-based pricing that subjects the Customer to certain risks, including fluctuation in rates and prices set by the Midcontinent Independent System Operator (MISO).
- Any Customer desiring to take service under this rate schedule must execute a contract with the Utility that commits to a minimum term of service, outlines the expected peak demand and load factor, agrees to the requirements for registering generation with MISO, and acknowledges the risks of market-based pricing.

#### **Billing Determinants**

Energy: Actual metered hourly usage

Transmission Demand: Monthly maximum metered 15-minute Customer demand, adjusted for:

- Applicable MISO zone transmission losses

Capacity: Customer shall select one of the options below:

- If Customer has its own generation, then the capacity billing determinant shall be the maximum metered 15-minute demand in excess of Customer's registered generation in a given month. To qualify for the billing determinant in the preceding sentence, Customer's generation must be registered with MISO and comply with all MISO requirements for capacity resources.
- If Customer does not have its own generation, or if Customer fails to register its generation with MISO or fails to comply with all MISO requirements for capacity resources, then the capacity billing determinant shall be monthly maximum metered 15-minute Customer demand.

#### **Rates**

The following charges shall apply to all energy quantities:

- MISO Real-Time Locational Marginal Price at the applicable MISO Node
- All applicable MISO Ancillary Services Charges
- MISO Multi-Value Project Charges
- A charge of 0.2 cents per kWh for the cost of compliance with the State of Minnesota's Renewable Energy Standard



- A charge of one cent per kWh to cover all dispatch, billing, and administrative costs. This charge shall be inclusive of all franchise fees and regulatory charges imposed by Utility on all customers.

The following charges shall apply to all transmission demand quantities:

- All applicable MISO transmission charges, including but not limited to:
  - Schedule 1
  - Schedule 2
  - Schedule 9
  - Schedule 26

The following charges shall apply to all capacity quantities:

- The above-defined Capacity billing determinant multiplied by the MISO Zone 1 Capacity Auction Clearing Price for a given period.

If Customer has registered generation that does not perform as registered when requested by utility, utility's wholesale supplier, or MISO, Customer shall be responsible for:

- Any financial or other penalties imposed by MISO related to the generation's failure to perform
- All costs of utility or utility's wholesale supplier to acquire replacement capacity to replace registered generation that did not perform.

Customer shall pay a monthly transformation charge based on the cost of providing transmission transformed service to Customer, including recovery of costs for any new substation or related facilities.

Customer is responsible for any new charges or fees imposed by MISO or any new regulatory or legislative action that results in increased costs to provide power supply to Customer.

All rates in this electric rate schedule are subject to change on an annual basis.



PO Box 470 • 255 Sarazin Street  
 Shakopee, Minnesota 55379  
 Main 952.445-1988 • Fax 952.445-7767  
[www.shakopeeutilities.com](http://www.shakopeeutilities.com)

**DATE:** July 13, 2022  
**TO:** Greg Drent, General Manager *GD*  
**FROM:** Kelley Willemssen, Director of Finance & Administration *kw*  
**SUBJECT:** June 2022 Financial Reports and Accounts Receivable Aging Report (Collection Updates)

### Current Status

As part of June 2022 Financial reports, we continued the practice of providing a component of analytical review. For the Water and Electric Operating Revenue and Expense budget to actual and the Water and Electric Revenue and Expense report ending for each respective period, you will see comments at the bottom of each page. In addition to the analytical review, there are a few important points to note.

- The budget is projected on an annual basis rather than a monthly basis so the information in the June 2022 financial reports equates to 50% of the annual budget.
- SPU's investment portfolio is well diversified among short-term fixed income securities permitted by Minnesota Statute 118A.04. During periods of rising and falling interest rates, the market value will either increase or decrease in value, however, unless those securities are sold prior to maturity that increase or decrease will only result in an unrealized gain or loss. Communication between SPU staff and PFM Asset Management is on-going. We continue to work on cash flows and monitoring liquidity in the portfolio to fund upcoming CIP projects. PFM will present updates to the commission in September.

The outstanding receivable total for electric and water as of June 30, 2022, equaled \$6,191,522. Below is a summary of the totals.

- \$5,746,168 between 1-30 days
- \$245,259 between 31-60 days
- \$78,055 between 61-120 days
- \$122,040 - over 121 days

### Collection Activity Update

1. 40 disconnects for the month of June 2022 - \$10,428.48

### Payment Plan Activity

1. 115 accounts in repayment plans as of June 2022 - \$127,368.18
  - a. Number of accounts between \$30 - \$200 (2-month plans) – 10
  - b. Number of accounts between \$201 - \$500 (6-month plans) – 17
  - c. Number of accounts over \$501 (12-month plans) - 88



PO Box 470 • 255 Sarazin Street  
Shakopee, Minnesota 55379  
Main 952.445-1988 • Fax 952.445-7767  
[www.shakopeeutilities.com](http://www.shakopeeutilities.com)

Included in this report are the following statements & documents:

- Combined Statement of Revenues, Expenses and Changes in Fund Net Position
- Electric Operating Revenue and Expense – Budget to Actual (with analytics)
- Electric Operating Revenue and Expense – 2021 to 2022 (with analytics)
- Water Operating Revenue and Expense – Budget to Actual (with analytics)
- Water Operating Revenue to Expense – 2021 to 2022 (with analytics)
- SPU Accounts Receivable Graphs – June 2021 to June 2022

#### **Request**

The Commission is requested to accept June 2022 Financial Reports

**SHAKOPEE PUBLIC UTILITIES**  
**COMBINED STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION**

	Year to Date Actual - June 2022			Year to Date Budget - June 2022			Electric		Water		Total Utility	
	Electric	Water	Total Utility	Electric	Water	Total Utility	YTD Actual v. Budget B/(W) \$ %		YTD Actual v. Budget B/(W) \$ %		YTD Actual v. Budget B/(W) \$ %	
<b>OPERATING REVENUES</b>	\$ 25,272,578	2,588,514	27,861,092	26,041,039	2,763,353	28,804,392	(768,461)	-3.0%	(174,839)	-6.3%	(943,300)	-3.3%
<b>OPERATING EXPENSES</b>						-						
Operation, Customer and Administrative	23,194,157	1,750,768	24,944,926	22,073,184	2,186,569	24,259,752	(1,120,974)	-5.1%	435,800	19.9%	(685,174)	-2.8%
Depreciation	1,330,341	877,087	2,207,428	1,330,342	877,087	2,207,429	0	0.0%	0	0.0%	0	0.0%
Total Operating Expenses	24,524,499	2,627,855	27,152,354	23,403,525	3,063,656	26,467,181	(1,120,974)	-4.8%	435,800	14.2%	(685,173)	-2.6%
Operating Income	748,079	(39,341)	708,738	2,637,514	(300,304)	2,337,210	(1,889,434)	-71.6%	260,963	86.9%	(1,628,472)	-69.7%
<b>NON-OPERATING REVENUE (EXPENSE)</b>												
Rental and Miscellaneous	188,955	159,691	348,646	180,254	94,682	274,936	8,701	4.8%	65,010	68.7%	73,711	26.8%
Interdepartment Rent from Water	45,000	-	45,000	45,000	-	45,000	-	0.0%	-	-	-	0.0%
Investment Income	(810,731)	(319,155)	(1,129,886)	336,694	139,216	475,909	(1,147,424)	-340.8%	(458,371)	-329.3%	(1,605,795)	-337.4%
Interest Expense	(838)	(48)	(886)	(32,479)	(1,096)	(33,575)	31,641	97.4%	1,048	95.6%	32,689	97.4%
Total Non-Operating Revenue (Expense)	(577,613)	(159,512)	(737,126)	529,469	232,801	762,270	(1,107,082)	-209.1%	(392,313)	-168.5%	(1,499,396)	-196.7%
Income Before Contributions and Transfers	170,466	(198,853)	(28,387)	3,166,983	(67,503)	3,099,480	(2,996,517)	-94.6%	(131,351)	194.6%	(3,127,867)	-100.9%
<b>CAPITAL CONTRIBUTIONS</b>	34,231	2,584,603	2,618,834	346,461	2,661,527	3,007,988	(312,230)	-	(76,924)	-2.9%	(389,154)	-12.9%
<b>MUNICIPAL CONTRIBUTION</b>	(1,408,156)	(144,000)	(1,552,156)	(1,393,837)	(144,709)	(1,538,546)	(14,319)	-1.0%	709	0.5%	(13,610)	-0.9%
<b>CHANGE IN NET POSITION</b>	\$ (1,203,460)	2,241,750	1,038,290	2,119,607	2,449,315	4,568,922	(3,323,066)	-156.8%	(207,566)	-8.5%	(3,530,632)	-77.3%

**SHAKOPEE PUBLIC UTILITIES**  
**ELECTRIC OPERATING REVENUE AND EXPENSE**

	YTD Actual 6/30/2022	YTD Budget 6/30/2022	YTD Actual v. Budget Increase (decrease)	
			\$	%
<b>OPERATING REVENUES</b>				
Sales of Electricity				
Residential	\$ 9,199,812	10,276,228	(1,076,416)	89.5
Commercial and Industrial	15,542,719	15,181,061	361,658	102.4
Uncollectible accounts	-	-	-	-
Total Sales of Electricity	24,742,531	25,457,289	(714,758)	97.2
Forfeited Discounts	102,314	144,268	(41,953)	70.9 (1)
Free service to the City of Shakopee	58,156	62,383	(4,227)	93.2
Conservation program	369,576	377,099	(7,523)	98.0
Total Operating Revenues	25,272,578	26,041,039	(768,461)	97.0
<b>OPERATING EXPENSES</b>				
Operations and Maintenance				
Purchased power	19,758,264	18,045,824	1,712,440	109.5
Distribution operation expenses	346,146	388,020	(41,873)	89.2
Distribution system maintenance	419,792	461,580	(41,788)	90.9
Maintenance of general plant	207,673	176,268	31,405	117.8
Total Operation and Maintenance	20,731,875	19,071,691	1,660,184	108.7
Customer Accounts				
Meter Reading	65,405	85,477	(20,071)	76.5 (2)
Customer records and collection	377,093	352,223	24,870	107.1
Energy conservation	175,845	373,046	(197,201)	47.1 (3)
Total Customer Accounts	618,343	810,746	(192,402)	76.3
Administrative and General				
Administrative and general salaries	331,168	454,003	(122,834)	72.9 (4)
Office supplies and expense	122,658	138,471	(15,813)	88.6
Outside services employed	170,328	268,030	(97,702)	63.5 (5)
Insurance	70,653	65,421	5,232	108.0
Employee Benefits	926,068	1,056,200	(130,131)	87.7
Miscellaneous general	223,065	208,624	14,441	106.9
Total Administrative and General	1,843,939	2,190,747	(346,808)	84.2
Total Operation, Customer, & Admin Expenses	23,194,157	22,073,184	1,120,974	105.1
Depreciation	1,330,341	1,330,342	0	100.0
Total Operating Expenses	\$ 24,524,499	23,403,525	1,120,974	104.8
Operating Income	\$ 748,079	2,637,514	(1,889,434)	28.4

Item    Explanation of Items Percentage Received/Expended Less than 80% or Greater than 120% and \$ Variance Greater than \$15,000.

- (1) Variance due to less penalty fees collected than projected through June 2022.
- (2) Variance due to less Meter Reader expenses than projected through June 2022.
- (3) Variance due to less energy conservation expenses than budgeted for through June 2022. Variance should be stabilized throughout the year.
- (4) Variance due to less payroll expenses than budgeted for through June 2022. Unfilled position budgeted for the full year.
- (5) Variance due to less outside service expenses than budgeted for through June 2022.

**SHAKOPEE PUBLIC UTILITIES**  
**ELECTRIC OPERATING REVENUE AND EXPENSE**  
For period ending June 30,2022

	2022	2021	2021 - 2022 Increase (decrease)	
			\$	%
<b>OPERATING REVENUES</b>				
Sales of Electricity				
Residential	\$ 9,199,812	8,460,675	739,137	108.7
Commercial	15,542,719	13,466,272	2,076,447	115.4
Uncollectible accounts	-	-	-	
Total Sales of Electricity	24,742,531	21,926,947	2,815,584	112.8
Forfeited Discounts	102,314	-	102,314	#DIV/0! (1)
Free service to the City of Shakopee	58,156	56,119	2,038	103.6
Conservation program	369,576	326,886	42,689	113.1
Total Operating Revenues	25,272,578	22,309,952	2,962,625	113.3
<b>OPERATING EXPENSES</b>				
Operations and Maintenance				
Purchased power	19,758,264	16,724,854	3,033,410	118.1
Distribution operation expenses	346,146	174,470	171,677	198.4
Distribution system maintenance	419,792	432,072	(12,280)	97.2
Maintenance of general plant	207,673	134,882	72,791	154.0
Total Operation and Maintenance	20,731,875	17,466,277	(3,265,598)	118.7
Customer Accounts				
Meter Reading	65,405	66,986	(1,581)	97.6
Customer records and collection	377,093	398,724	(21,631)	94.6
Energy conservation	175,845	121,599	54,246	144.6
Total Customer Accounts	618,343	587,310	(31,034)	105.3
Administrative and General				
Administrative and general salaries	331,168	253,438	77,730	130.7
Office supplies and expense	122,658	116,126	6,532	105.6
Outside services employed	170,328	334,941	(164,613)	50.9 (2)
Insurance	70,653	87,839	(17,186)	80.4 (3)
Employee Benefits	926,068	1,001,442	(75,373)	92.5
Miscellaneous general	223,065	167,532	55,533	133.1
Total Administrative and General	1,843,939	1,961,317	117,378	94.0
Total Operating Expenses	23,194,157	20,014,904	(3,179,253)	115.9
Depreciation	1,330,341	1,164,063	(166,278)	114.3
Total Operating Expenses	\$ 24,524,499	21,178,967	(3,345,532)	115.8
Operating Income	\$ 748,079	1,130,986	(382,907)	66.1

Item Explanation of Items Percentage Received/Expended Less than 80% or Greater than 120% and \$ Variance Greater than \$15,000.

- (1) Variance due to increased penalty fees collected, penalty fees were put on hold during most of 2020 and beginning of 2021 during the pandemic.
- (2) Variance due to AEMFS and HR consulting expenses has decreased from June 2021 to June 2022.
- (3) Variance due to timing benefit expenses being booked in June 2022 from June 2021.

# SHAKOPEE PUBLIC UTILITIES

## WATER OPERATING REVENUE AND EXPENSE

	YTD Actual 6/30/2022	YTD Budget 6/30/2022	YTD Actual v. Budget Increase (decrease)		0.50
	\$		\$	%	
<b>OPERATING REVENUES</b>					2,581,765.91
Sales of Water	\$ 2,581,758	2,754,009	(172,251)	93.7	
Forfeited Discounts	6,757	9,345	(2,588)	72.3	(172,242.59)
Total Operating Revenues	2,588,514	2,763,353	(174,839)	93.7	
<b>OPERATING EXPENSES</b>					
Operations and Maintenance					
Pumping and distribution operation	363,398	331,609	31,789	109.6	
Pumping and distribution maintenance	202,257	386,219	(183,962)	52.4	(1)
Power for pumping	188,698	203,220	(14,522)	92.9	
Maintenance of general plant	33,251	40,632	(7,381)	81.8	
Total Operation and Maintenance	787,604	961,680	174,076	81.9	
Customer Accounts					
Meter Reading	34,892	49,152	(14,260)	71.0	
Customer records and collection	117,983	129,164	(11,180)	91.3	
Energy conservation	1,068	-	1,068	#DIV/0!	
Total Customer Accounts	153,943	178,315	24,372	86.3	
Administrative and General					
Administrative and general salaries	207,250	302,695	(95,445)	68.5	(2)
Office supplies and expense	42,031	83,598	(41,566)	50.3	(3)
Outside services employed	49,635	134,293	(84,657)	37.0	(4)
Insurance	20,765	27,856	(7,091)	74.5	
Employee Benefits	395,236	389,884	5,352	101.4	
Miscellaneous general	94,305	108,250	(13,945)	87.1	
Total Administrative and General	809,222	1,046,574	237,352	77.3	
Total Operation, Customer, & Admin Expenses	1,750,768	2,186,569	435,800	80.1	
Depreciation	877,087	877,087	(0)	100.0	
Total Operating Expenses	\$ 2,627,855	3,063,657	435,801	85.8	
Operating Income	\$ (39,341)	(300,304)	260,963	13.1	

Item Explanation of Items Percentage Received/Expended Less than 80% or Greater than 120% and \$ Variance Greater than \$15,000.

- (1) Variance due to less maintenance expenses for pumping equipment, valves, meters, and hydrants than budgeted for through June 2022.
- (2) Variance due to less payroll expenses than budgeted for through June 2022. Unfilled position budgeted for the full year.
- (3) Variance due to less office supplies and expenses purchased than budgeted for through June 2022.
- (4) Variance due to less outside service expenses than budgeted for through June 2022.

**SHAKOPEE PUBLIC UTILITIES**  
**WATER OPERATING REVENUE AND EXPENSE**  
**For period ending June 30,2022**

	2022	2021	2021 - 2022 Increase (decrease)	
			\$	%
<b>OPERATING REVENUES</b>				
Sales of Water	\$ 2,581,758	2,465,612	116,146	104.7
Forfeited Discounts	6,757	-	6,757	#DIV/0!
Uncollectible accounts	-	-	-	#DIV/0!
Total Operating Revenues	<u>2,588,514</u>	<u>2,465,612</u>	<u>122,902</u>	<u>105.0</u>
<b>OPERATING EXPENSES</b>				
Operations and Maintenance				
Pumping and distribution operation	363,398	294,563	68,835	123.4
Pumping and distribution maintenance	202,257	202,086	172	100.1
Power for pumping	188,698	150,429	38,269	125.4 (1)
Maintenance of general plant	33,251	23,159	10,091	143.6
Total Operation and Maintenance	<u>787,604</u>	<u>670,236</u>	<u>(117,367)</u>	<u>117.5</u>
Customer Accounts				
Meter Reading	34,892	35,587	(696)	98.0
Customer records and collection	117,983	130,378	(12,395)	90.5
Energy conservation	1,068	2,054	986	52.0
Total Customer Accounts	<u>153,943</u>	<u>168,019</u>	<u>14,076</u>	<u>91.6</u>
Administrative and General				
Administrative and general salaries	207,250	194,178	13,072	106.7
Office supplies and expense	42,031	32,658	9,374	128.7
Outside services employed	49,635	116,404	(66,768)	42.6 (2)
Insurance	20,765	27,887	(7,122)	74.5
Employee Benefits	395,236	345,918	49,318	114.3
Miscellaneous general	94,305	96,673	(2,368)	97.6
Total Administrative and General	<u>809,222</u>	<u>813,717</u>	<u>4,495</u>	<u>99.4</u>
Total Operating Expenses	<u>1,750,768</u>	<u>1,651,972</u>	<u>(98,796)</u>	<u>106.0</u>
Depreciation	<u>877,087</u>	<u>791,439</u>	<u>85,648</u>	<u>110.8</u>
Total Operating Expenses	<u>2,627,855</u>	<u>2,443,411</u>	<u>(184,444)</u>	<u>107.5</u>
Operating Income	\$ <u>(39,341)</u>	<u>22,201</u>	<u>(61,542)</u>	<u>(177.2)</u>

Item   Explanation of Items Percentage Received/Expended Less than 80% or Greater than 120% and \$ Variance Greater than \$15,000.

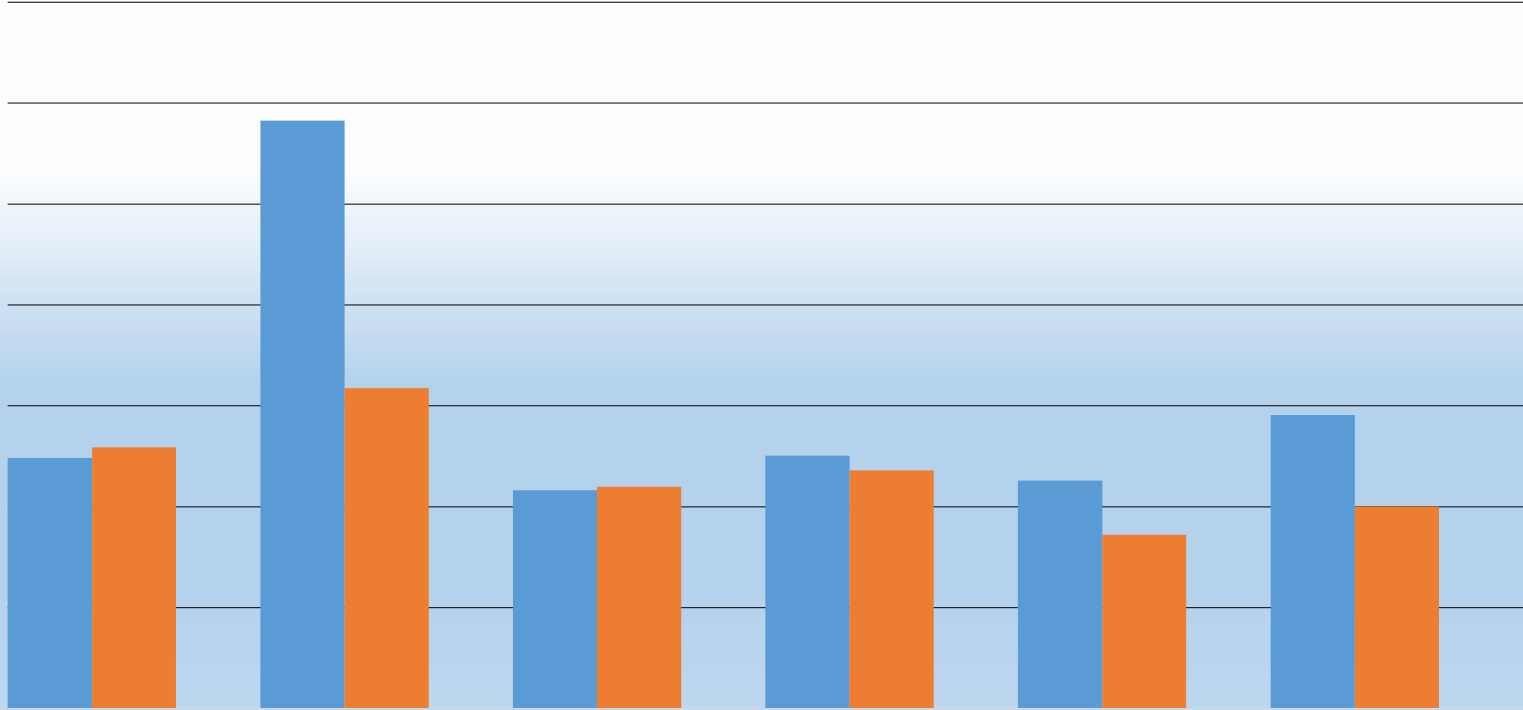
- (1)   Variance due to increase cost and usage needed in June 2022 than June 2021.  
(2)   Variance due to less outside service expenses needed in June 2022 than June 2021.



# SPU ELECTRIC AGED RECEIVABLES \$ 31 - 60 DAYS

■ 2021 Electric AR \$ 31-60 days ■ 2022 Electric AR \$ 31-60 days ■ % Better/(Worse)

DOLLARS



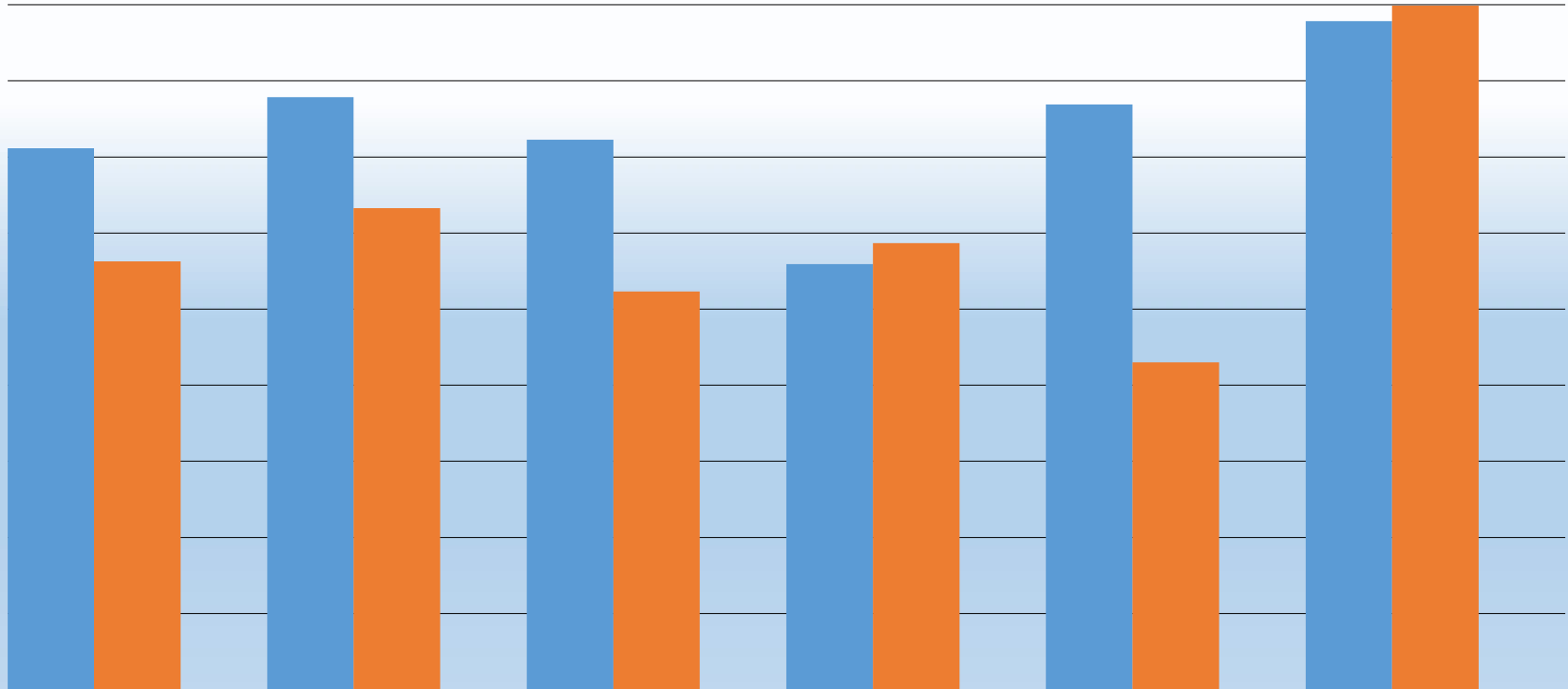
■ 2021 Electric AR \$ 31-60 days  
 ■ 2022 Electric AR \$ 31-60 days  
 ■ % Better/(Worse)

	Jan	Feb	Mar	Apr	May	Jun
2021 Electric AR \$ 31-60 days	\$248,413	\$582,771	\$216,346	\$250,796	226,064	290,949
2022 Electric AR \$ 31-60 days	\$259,013	\$317,615	\$219,866	\$236,072	172,240	200,320
% Better/(Worse)	-4.3%	45.5%	-1.6%	5.9%	23.8%	31.1%

### SPU WATER AGED RECEIVABLES \$ 31 - 60 DAYS

■ 2021 Water AR \$ 31-60 days ■ 2022 Water AR \$ 31-60 days ■ % Better/(Worse)

DOLLARS



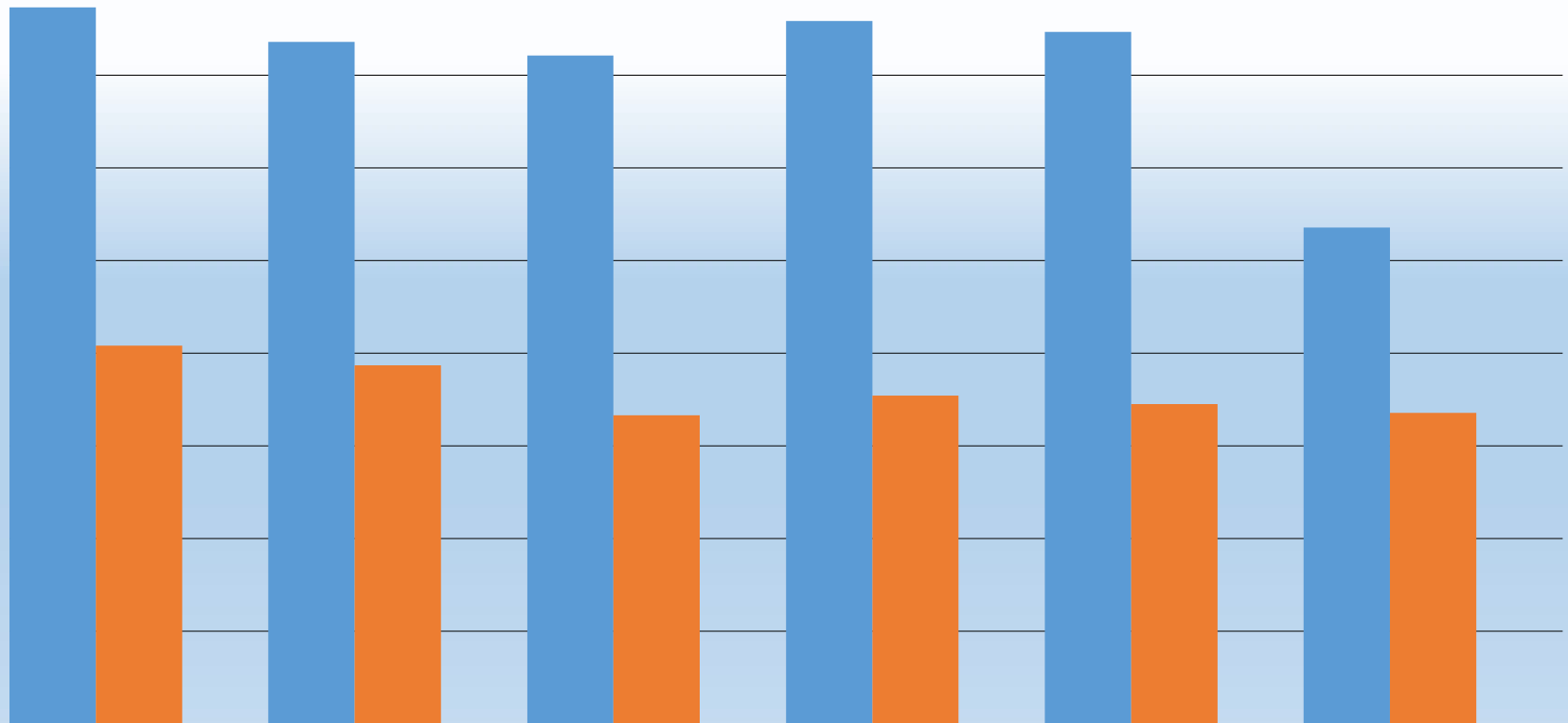
	Jan	Feb	Mar	Apr	May	Jun
■ 2021 Water AR \$ 31-60 days	\$35,560	\$38,920	\$36,130	\$27,966	38,456	43,929
■ 2022 Water AR \$ 31-60 days	\$28,146	\$31,629	\$26,151	\$29,330	21,497	44,939
■ % Better/(Worse)	20.8%	18.7%	27.6%	-4.9%	44.1%	-2.3%

### SPU ELECTRIC AGED RECEIVABLES \$ 61-120 DAYS

■ 2021 Electric AR \$ 61 - 120 days

■ 2022 Electric AR \$ 61 - 120 days

DOLLARS



■ 2021 Electric AR \$ 61 - 120 days

■ 2022 Electric AR \$ 61 - 120 days

■ % Better/(Worse)

Jan

\$154,708

\$81,611

47.2%

Feb

\$147,217

\$77,409

47.4%

Mar

\$144,263

\$66,605

53.8%

Apr

\$151,707

\$70,834

53.3%

May

149,413

69,017

53.8%

Jun

107,147

67,108

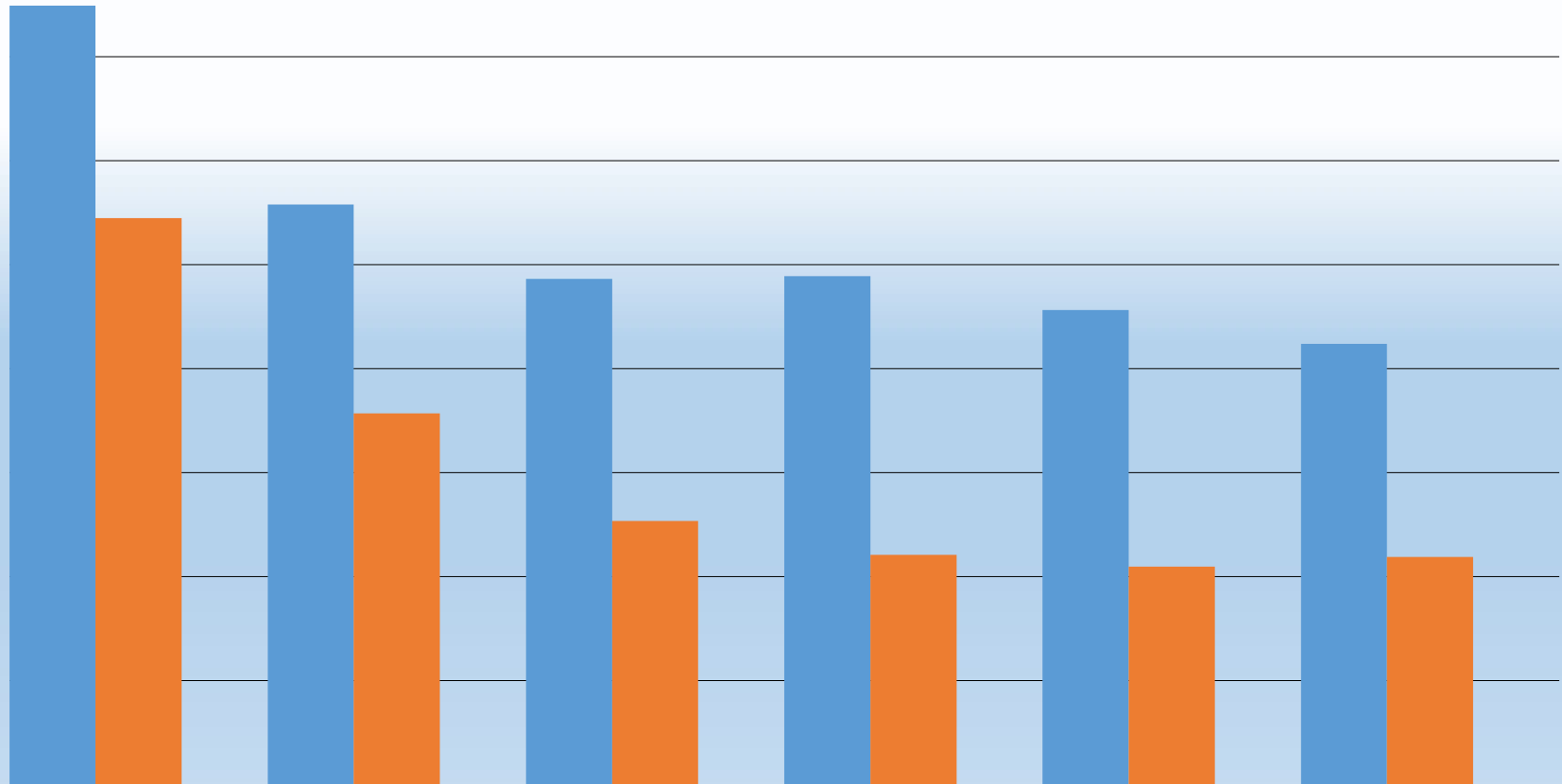
37.4%

### SPU WATER AGED RECEIVABLES \$ 61-120 DAYS

■ 2021 Water AR \$ 61 - 120 days

■ 2022 Water AR \$ 61 - 120 days

DOLLARS



■ 2021 Water AR \$ 61 - 120 days

■ 2022 Water AR \$ 61 - 120 days

■ % Better/(Worse)

Jan

\$37,454

\$27,244

27.3%

Feb

\$27,890

\$17,850

36.0%

Mar

\$24,315

\$12,675

47.9%

Apr

\$24,446

\$11,057

54.8%

May

22,817

10,483

54.1%

Jun

21,197

10,947

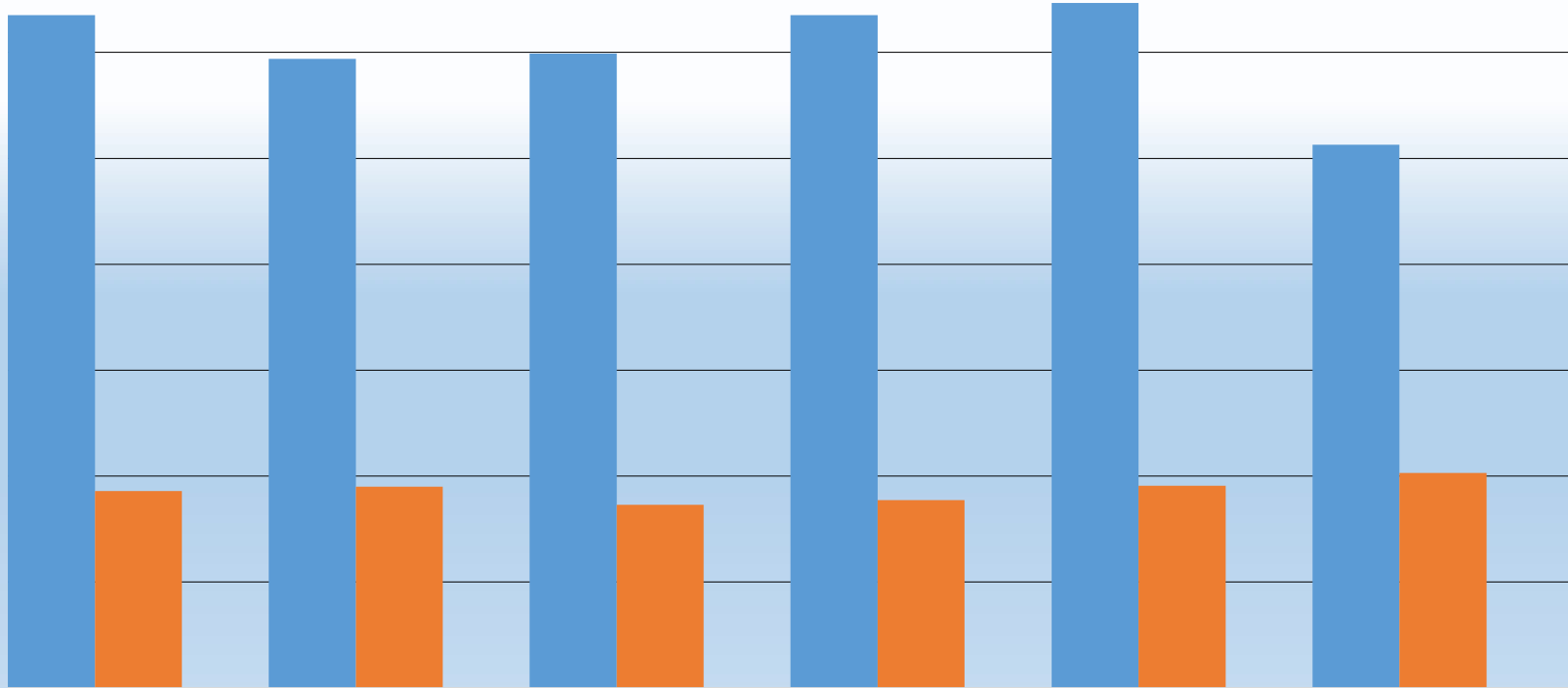
48.4%

### SPU ELECTRIC AGED RECEIVABLES \$ OVER 120 DAYS

■ 2021 Electric AR \$ Over 120 Days

■ 2022 Electric AR \$ Over 120 Days

DOLLARS



■ 2021 Electric AR \$ Over 120 Days  
 ■ 2022 Electric AR \$ Over 120 Days  
 ■ % Better/(Worse)

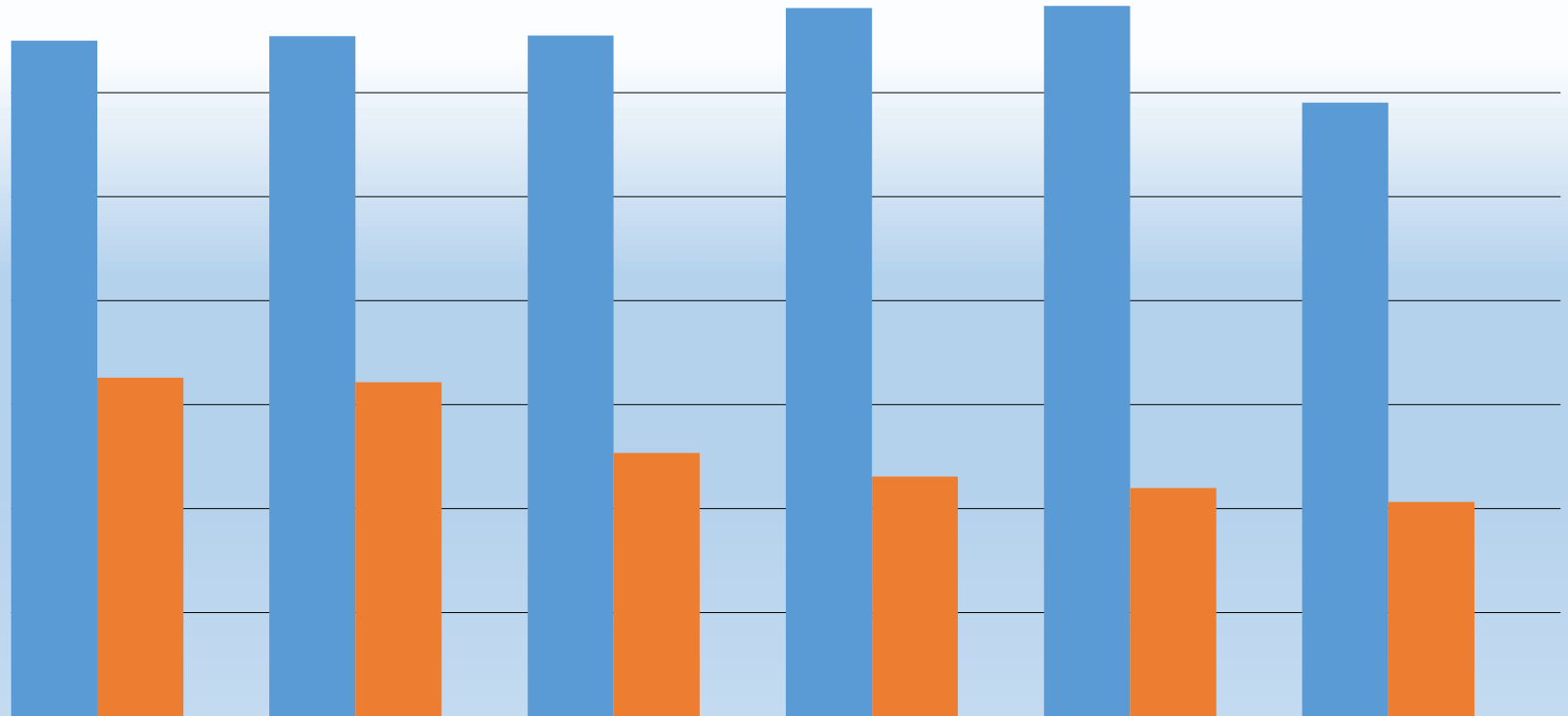
Jan	\$317,574	\$297,057	\$299,580	\$317,578	323,382	256,460
	\$92,845	\$94,977	\$86,462	\$88,569	95,407	101,403
	70.8%	68.0%	71.1%	72.1%	70.5%	60.5%

### SPU WATER AGED RECEIVABLES \$ OVER 120 DAYS

■ 2021 Water AR \$ Over 120 Days

■ 2022 Water AR \$ Over 120 Days

DOLLARS



■ 2021 Water AR \$ Over 120 Days

■ 2022 Water AR \$ Over 120 Days

■ % Better/(Worse)

Jan

\$64,994

\$32,587

49.9%

Feb

\$65,434

\$32,151

50.9%

Mar

\$65,487

\$25,349

61.3%

Apr

\$68,125

\$23,098

66.1%

May

68,334

21,985

67.8%

Jun

59,028

20,637

65.0%



PO Box 470 • 255 Sarazin Street  
Shakopee, Minnesota 55379  
Main 952.445-1988 • Fax 952.445-7767  
[www.shakopeeutilities.com](http://www.shakopeeutilities.com)

DATE: July 11, 2022  
TO: SPU Commissioners  
FROM: Greg Drent, General Manager *GD*  
Subject: 2021 Year in Review Report

---

SPU 2021 year in review is attached.

One of the goals for SPU in 2022 was to have more customer outreach and information shared. I directed Sharon Walsh to work on the SPU Year in Review Report to share the information with SPU customers and reflect on the accomplishments of the utility.

Some of the accomplishments highlighted in the review include redesigning the PILOT, compensation study, selection of NISC as the finance and billing platform, lowered water capacity charges, community garden, plastic service line approval, west Shakopee substation site purchase, facility addition, and retained the RP3 Diamond designation from the American Power Association. As presented in the 2021 audit of SPU finances, we had another good year as a utility. SPU continues to evolve as a utility and will continue to be involved in the community.

As you can see from the annual report, there were many things we accomplished at SPU, and 2022 seems to be on track for another busy year.

Action: Approve 2021 Year in Review Report and mail to all SPU customers





# Shakopee Public Utilities 2021 YEAR IN REVIEW

2021  
REVIEW

This photo was taken and released by James Keltgen





## MESSAGE FROM GREG DRENT



**When I look back over 2021, it genuinely feels like the year flew by. I officially accepted the general manager role in June after performing as interim general manager for six months.**

It was a busy year filled with collaboration, commitment and growth throughout the utility. Key changes were made in the leadership team with the promotion of Brad Carlson to Electric Superintendent and the addition of James Keltgen as our IT Supervisor. Further leadership enhancements included changes to our organizational structure with Sharon Walsh becoming Director of Marketing and Key Accounts, and Kelley Willemssen taking on the role of Director of Finance and Administration. These changes, paired with the strength of our established leaders, Joe Adams, Planning and Engineering Director, and Lon Schemel, Water Superintendent, provide the expertise and strategic focus necessary to take on the new opportunities and expectations facing SPU.

---

We take great pride in being your local municipal utility provider and we will continue to be dedicated to meeting the needs of our customers and the community.

**GREG DRENT, GENERAL MANAGER**

---

In the pages to follow, you will learn more about the significant progress made in 2021. Notable infrastructure expansions, our financial status and community commitments are highlighted. These successes truly represent the culmination of dedication and teamwork by the entire SPU team.

I am honored and excited to lead the utility as we continue to execute our goals in 2022. We take great pride in being your local municipal utility provider and we will continue to be dedicated to meeting the needs of our customers and the community.

Sincerely,

Greg Drent  
General Manager

## THE SPU LEADERSHIP TEAM



**JOE ADAMS**

Director of Planning and Engineering  
jadams@shakopeeutilities.com



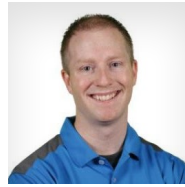
**KELLEY WILLEMSEN**

Director of Finance and Administration  
kwillemssen@shakopeeutilities.com



**SHARON WALSH**

Director of Marketing,  
Key Accounts, Special Projects  
swalsh@shakopeeutilities.com  
*Editor: Shakopee Public Utilities  
2021 Year in Review*



**JAMES KELTGEN**

IT Supervisor  
jkeltgen@shakopeeutilities.com



**BRAD CARLSON**

Electric Superintendent  
bcarlson@shakopeeutilities.com



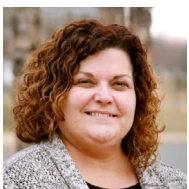
**LON SCHEMEL**

Water Superintendent  
lschemel@shakopeeutilities.com

## GUIDED BY OUR COMMISSION

While the Leadership Team and staff are responsible for the daily operations of the utility, the over-arching direction and policy making are managed by our Commission. The Commission is a panel of five individuals who are appointed by the City of Shakopee. Commissioners hold a three-year term and can be reappointed to their terms. We currently have a City Council Member sitting on the SPU Commission. Commissioners are selected based on their professional skills, experiences, industry knowledge and community-involvement.

*We'd like you to meet —*



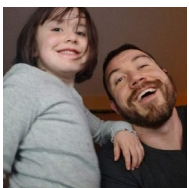
**KATHI MCOL**

2021 President  
kmocol@shakopeeutilities.com



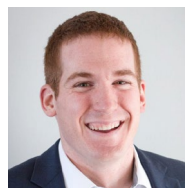
**JUSTIN KRIEG**

Commissioner  
jkrieg@shakopeeutilities.com



**KAYDEN FOX**

2021 Vice President  
kfox@shakopeeutilities.com



**B.J. LETOURNEAU**

Commissioner  
bletourneau@shakopeeutilities.com



**JODY BRENNAN**

Commissioner  
jbrennan@shakopeeutilities.com

# 2021 FINANCIAL HIGHLIGHTS

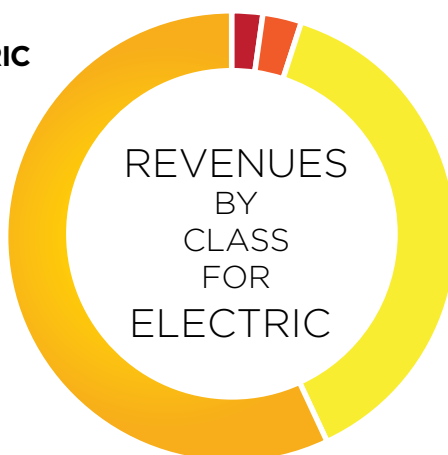
**On the heels of COVID, 2021 was a fresh start. Customer rates across all classes held with no increases. The Water Capacity Charge (paid by developers) was reduced by 8.5%.**

It was also a year of rebuilding for SPU's Finance team, following two staff retirements. ABDO (Abdo, Eick & Myers), a public accounting firm with prior city and utility experience, was contracted to bridge the staffing gaps until key positions were filled late in the year. The following data provides a high-level summary of the financial state of SPU for year ending 2021.



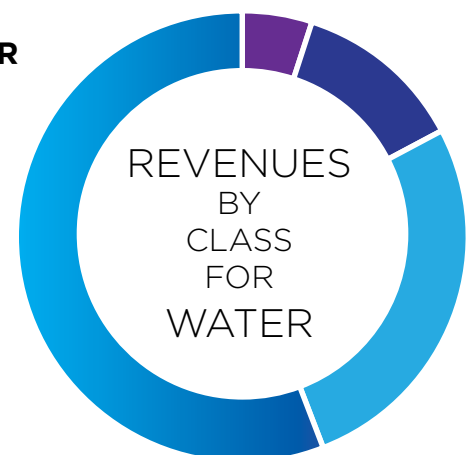
- \$52.8M Electric
- \$6.6M Water

## ELECTRIC



- 57% Industrial
- 38% Residential
- 3% Commercial
- 2% Other

## WATER



- 56% Residential
- 27% Commercial
- 12% Other
- 5% Industrial

## ELECTRIC

	2021	2020
<b>Total Assets</b>	\$ 103.4 Million	\$ 98.7 Million
<b>Revenue</b>	\$ 52.8 Million	\$ 47.2 Million
<b>Operating Expenses</b>	\$ 46.6 Million	\$ 41.4 Million
<b>Operating Income</b>	\$ 6.2 Million	\$ 5.8 Million

- **4.7M+** Electric assets increase
- Operating revenues **increased 12% (\$5.6 Million)**
  - Increased total kWh sales volume + Increased PCA\*
- Total kWh's purchased **up over \$14 million**

449.8M | 463.9M  
2020 | 2021

\*PCA - Power Cost Adjustment

- Purchased power costs are the single largest expense in the electric operating budget

**16%+** from 2020 at \$37.9 million

- Resulting in increased operating expenses - **up 12% (\$5.6 million)**
- **4M+** Net position increase
- No bonds outstanding as of 12/31/21
- Financially strong

## WATER

	2021	2020
<b>Total Assets</b>	\$ 89.3 Million	\$ 80.7 Million
<b>Revenue</b>	\$ 6.6 Million	\$ 5.5 Million
<b>Operating Expenses</b>	\$ 5.5 Million	\$ 4.8 Million
<b>Operating Income</b>	\$ 1.1 Million	\$ 0.7 Million

- **8.7M+** Water assets increase
- Operating revenues **increased 19.5% (\$1.1 Million)**
  - Increased total water gallons sold due to warmer, dryer summer
- Total water gallons pumped **up 15.7%**

1,798,367 | 2,080,182  
THOUSAND | THOUSAND  
2020 | 2021

- Operating expenses increased

**13.9%+**

- Increase in pumping and distribution expenses
- **7.7M+** Net position increase
- No bonds outstanding as of 12/31/21
- Financially strong

# PROJECTS & ACCOMPLISHMENTS



Completed a hiring search – Greg Drent hired as GM



Hired PFM Asset Management to manage investments



Partnered with Scott County and the City of Shakopee on the Community Garden



Purchased land for West Substation



Added feeders to connect the South Shakopee substation to the west side of Shakopee



Restructured SPU organizational chart for improved service and functionality



Held customer rates for 2021 – no increases



Performed an economically-responsible land swap with DR Horton for future Water infrastructure needs



Installed duct bank for Levee Drive project



Retained national RP3 Diamond designation through the American Public Power Association



Completed Water and Electric Rate Studies



Selected NISC as new Finance and CIS Billing platform provider



Contracted with Katama Consulting Group for Advanced Metering Infrastructure (AMI) bid process



Lowered Water Capacity Charges for developers



Undergrounded main lines in conjunction with County Road 83 and County Road 42 projects

99.997%

Achieved 2021 Reliability Rating of 99.997%, with an average down time of less than 16 minutes per customer



Redesigned PILOT Agreement with the City of Shakopee, adding an Economic Development Contribution



Implemented new Deposit Policy for customers (deposit is returned with good payment history)



Approved the use of plastic service lines from curb stop to homes (previously copper was required)



Re-opened SPU service center following COVID restrictions



Conducted a Compensation Study



Continued work on potential water treatment needs and PFAS sampling



Discussions continued with MVEC for service territory acquisitions



EV charger installed at SPU Service Center. More to come!



Construction began on facility additions at the SPU service center



Offered financial assistance to customers via new payment plans, policies and SPU Support funding



Adopted an EV Charging rate for 2022



# PLANNING & ENGINEERING

*West side expansion includes new electric and water infrastructure*



*Discussing plans onsite are L to R: Martin Drouillard, Engineering Supervisor; Brad Carlson, Electric Superintendent; and Greg Drent, GM.*

In preparation for expansion on the west side of our community, SPU secured 2.46 acres of land in 2021 for a new electric substation. This new capacity will support the additional load requirements generated from organic growth and annexation by the City of Shakopee south and west of County Road 15. Joe Adams, Director of Planning and Engineering, shared “this [land] location couldn’t be better.” Located south of Hwy 169 on Old Brick Yard Road, this parcel of land sits adjacent to existing transmission lines, meets zoning requirements and is the correct size, with no excess land.

The goal — or balancing act — is to be one-step ahead of growth to support economic development, but not overbuild. Buying land today that will accommodate future infrastructure growth is the most cost-effective approach. This concept proved true with SPU’s Dean Lake substation in 2000. Originally built with two power transformers, the site easily accommodated a third transformer sixteen years later when Amazon came to town. The new West Shakopee substation will be built with one power transformer, control building and exit circuit, with space to double this capacity when needed.

A similar, beneficial land acquisition occurred near the Windermere development for our water system. 6.8 acres located between Old Brick Yard Road and County Road 15 is home to not only the new water tower constructed in 2021, but can also accommodate up to three wells and a future water treatment plant, if needed. Again, Adams couldn’t be happier about this site which is situated in the second high pressure zone of Shakopee’s three-zone geography, at its highest point – a definite benefit for water infrastructure placement.



*New substation to sit adjacent to existing transmission lines.*



*2.46 acre site secured south of 169, west of Old Brick Yard Road.*

# WATER DEPARTMENT

*Building for the future*



*This photo was taken and released by William J. Schleper Photography*

## **Atop the hill near Jackson Townhall sits the newest addition to SPU's water storage family - Water Tower #8.**

Constructed in 2021, this spheroid tower holds 750,000 gallons of potable water (drinking water). Originally recommended to be a 500,000 gallon tower the size was increased to align with the rapidly growing west-end development.

This tower, the first to display the *new* SPU logo, will serve both the second-high and first-high zones.

Nearly seven acres in size, this site can accommodate future wells and a potential water treatment plant.

While state testing has shown no treatment beyond fluoride and chlorine is currently needed, the additional space makes SPU well-positioned for future treatment needs. Plans for a new well to be drilled on this parcel are

already underway. Drilling a well on this site provides an alternative to the booster station located further north on County Road 15, further improving fire protection coverage for these residents.

## 2021 DROUGHT

### **The drought of 2021 created record-breaking pumping numbers for SPU.**

In 2020, SPU pumped 1,798,367,000 gallons compared to 2,080,182,000 in 2021. According to Lon Schemel, Water Superintendent, we were never in jeopardy of exceeding our capacity, but we did cease flushing activities to conserve water and actively promoted our watering restrictions.

Water wasn't the only thing affected by the drought — SPU used nearly 530,000 additional kWhs operating the water pumps in 2021 than the previous year!

# ELECTRIC DEPARTMENT

*Improved operation efficiencies and synergies*

**A pandemic, rising costs and material shortages didn't slow down SPU's electric department. 2021 proved to be as active, if not more so, than previous years. Brad Carlson, Electric Superintendent, attributes this to the continuing growth of Shakopee within SPU's territory. Six housing developments, commercial/industrial projects, two major under-grounding efforts and more than seventy-five solar installations kept crews busy year-round. Construction did not seem to be affected by the weather or the economy last year.**

Aside from being extremely busy, Brad and his electric team also faced the unique challenge of keeping crews healthy and on the job during a pandemic. To ensure SPU could always manage the day-to-day operations of providing reliable electricity to our customers, crews divided into staggered work shifts to minimize overlap and exposure. This required additional meetings and communications, and logistical changes within the service center, but the extra efforts guaranteed continuous coverage throughout 2021.

## TO UNDERGROUND OR NOT TO UNDERGROUND



An incident involving a contractor vehicle and an overhead power line at 4th Ave and Gorman Street last November demonstrated just how dangerous power lines are. (We are very grateful to report no one was injured in this event.) So many people ask, "Why aren't all power lines underground?"

Underground lines are more desirable from an aesthetic perspective (you can't see them!), but they are more expensive to install. Both the type of wires and transformers required for undergrounding are more costly. When it comes to maintenance and reliability, overhead lines are more likely to be subject to weather, animals and debris causing more outages

than underground lines, but can be easier to repair than underground lines. Electric Superintendent Carlson states, "The SCADA technology we have is great, but we like the visual overhead lines provide when it comes to quickly troubleshooting problems. It is more difficult to identify where the wire is bad when everything is underground." So, while underground outages happen less frequently they may take longer to repair.

Typically, all new installation is underground, but the relocation of existing overhead lines underground is reserved for public improvements (i.e., road widening or new developments) requested by the city, county and/or a developer, or when SPU may determine it is in the best interest of the operating system to do so. It is simply not financially prudent to move all overhead power lines underground without justification. There may be a day when it will be hard to find an overhead line, but that day is not in the near future.

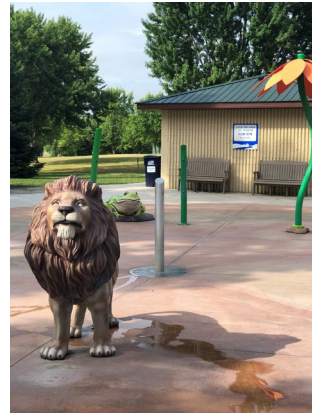


# WORKING IN AND FOR THE COMMUNITY

*Giving back to the community through skills and resources*



SPU is the “Power Provider” sponsor for Shakopee’s summer concert series, Rhythm on the Rails. Stop by our informational booth located in the Lewis Street parking lot. SPU Representatives (L to R): Matt Griebel, Lyle Nagel, Sharon Walsh, Penny Thielhorn, Jamie VonBank.



SPU waived WCC for Shakopee’s first splash pad, located at Lion’s Park.



Gardens are thriving at the Community Garden off 10th and Spencer. SPU ran water lines from the pump house to these gardens to make watering easier.



**As your local utility provider, SPU is committed to more than just providing exceptional electric and water services.**

We work here, and many of us live here, so the strength and vitality of this community are important to us. Volunteering our time, resources and skills is one way we can give back to the community of Shakopee. Supporting economic development is another. And always, being here for our customers is an everyday commitment. Investing in sound infrastructure, working on capital plans and partnering with local governments are huge priorities, but so are the smaller, more neighborly things SPU is involved in. Like having a presence in the community and getting to know the customers we serve. Whether we’re providing educational utility information to others or getting feedback in return, these are valuable interactions. We appreciate the opportunities to connect with you.

***Here’s a look at 2021, with more to come in 2022!***





SPU delivered a presentation and provided a facility tour to help local Girl Scout Troop 27297 earn their energy Journey Badge.



SPU Service Center was a drop-site for Toys for Tots and Gifts for Seniors.



Visitors of all ages enjoyed a sugar cookie, including Shakopee Police Officer Joe Theis.



SPU participated in Shakopee's Holiday Fest for the first time and our gingerbread house was a huge hit with families. So were the cookies and candy canes! Cooper Schuett, son of SPU lineman Cody Shuett, kept a watchful eye for Santa...



SPU partners with the City of Shakopee to bring these beautiful flower baskets to our downtown streets.



SPU installed its first EV charger in 2021. The public is welcome to charge here while enjoying the park across the street or one of the many walking paths.



SPU's Digger Derek truck was on display at the ECCE Big Vehicle Fair. Commissioner Krieg's family was in attendance.



# Renewable. Responsible. Reliable.



**SPU's power provider, Minnesota Municipal Power Agency (MMPA) supports our customer needs and the MN Renewable Energy Standard (RES), which requires 25% of power generated come from renewable resources by the year 2025.**

Currently, 20% of all SPU customer power comes from a renewable energy resource. This renewable energy is generated locally in Minnesota between wind, solar and biomass facilities.

Take your renewable energy usage to the next level – 50%, 75% or even 100% – with SPU's Clean Energy Choice program.



## **Enroll in Clean Energy Choice.**

*An affordable option for reducing our carbon footprint through renewable energy resources.*

[CleanEnergyChoice.com/Shakopee](https://CleanEnergyChoice.com/Shakopee)



**Call:**  
952.445.1988



**Click:**  
[shakopeeutilities.com](https://shakopeeutilities.com)



**Visit:**  
SPU Service Center  
255 Sarazin Street  
Shakopee



PO Box 470 • 255 Sarazin Street  
 Shakopee, Minnesota 55379  
 Main 952.445-1988 • Fax 952.445-7767  
[www.shakopeeutilities.com](http://www.shakopeeutilities.com)

**DATE:** July 15, 2022  
**TO:** Greg Drent, General Manager *GD*  
**FROM:** Kelley Willemssen, Director of Finance & Administration *kw*  
**SUBJECT:** Lateral Watermain Equivalent Fees- Interest Options

---

**Background:**

A resolution authorizing and establishing a fee for equivalent lateral watermain portion of a trunk water main project was passed in August 2005. The resolution states that fees shall be indexed on an annual basis. The indexing method used needs to be established. Once the indexing method is established, the original resolution can be amended with the established method and the fees can be calculated for each parcel on an annual basis and recorded with the county.

We consulted with Abdo Financial Solutions to review different methods that could be considered. Below is a recap of the two different methods recommended.

- **Indexing method 1:** US Department of Treasury – Long term composite > 10 years, interest rate selected is the date the resolution for the specific project was approved. The interest is compounded annually.
- **Indexing method 2:** MN Department of Commerce (Yield Rates come from the US Department of Treasury) – Utility Deposit Interest Rates, interest rate selected on the year the resolution for the specific project was approved. The interest rate is compounded annually.

The documents attached include a copy of the original resolution #815 establishing a fee for the equivalent water main portion of a trunk water main project and two different interest methods applied to the initial fees approved by resolution.

**Requested Action**

Commission to approve an interest method to be applied to Lateral Watermain Equivalent Fees



RESOLUTION #815

A RESOLUTION AUTHORIZING AND ESTABLISHING A FEE  
FOR THE EQUIVALENT LATERAL WATER MAIN PORTION  
OF A TRUNK WATER MAIN PROJECT

WHEREAS, Minn. Stat. Chapter 444 gives the Shakopee Public Utilities Commission discretion in determining and calculating appropriate charges and fees to be collected for providing water service to its customers;

WHEREAS, Minn. Stat. § 444.075, subd. 3 states that fees and charges may be imposed to pay for the construction, reconstruction, repair, enlargement, maintenance, operation, and use of water service facilities; and

WHEREAS, Minn. Stat. § 444.075, subd. 3 states that charges imposed for providing water service must be just and equitable and must relate to the use of and the availability of water service facilities and for connections with them; and

WHEREAS, the Shakopee Public Utilities Commission has established a trunk water policy establishing a trunk water main area assessment charge for the construction of municipal trunk water mains that are (over)sized in excess of the lateral water mains required to serve nearby property; and

WHEREAS, the Shakopee Public Utilities Commission has established a lateral water main design criteria policy establishing requirements for minimum size and number of lateral water mains required to serve nearby property based on zoning, flow requirements and size of the area being served; and

WHEREAS, the cost of installing and constructing lateral water mains are oftentimes paid by developers or other parties requesting such service or through the Chapter 429 special assessment process; and

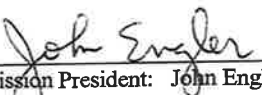
WHEREAS, the Shakopee Public Utilities Commission has concluded that in certain cases, the process established in Minn. Stat. Chapter 444 should be utilized to pay for the equivalent lateral water main construction costs associated with specific water main installations; and

WHEREAS, the Shakopee Public Utilities Commission desires to establish a policy to ensure that the fees for providing such lateral water main are just and equitable.

NOW, THEREFORE, BE IT RESOLVED by the Shakopee Public Utilities Commission as follows:

1. Pursuant to Minn. Stat. Chapter 444, there is hereby established a fee for the equivalent lateral water main portion of a trunk water main project.
2. The fee authorized by this Resolution shall be applicable in situations where the equivalent lateral water main portion of the trunk water main costs is not being paid by a developer or other person requesting the construction and installation of lateral water main for the purpose of receiving water service or in situations where the Commission concludes that collecting the costs through the Chapter 429 special assessment procedure project should not be utilized.
3. The lateral water main fee established by this Resolution shall be calculated at the time that the Commission approves the water main project based on the actual costs for constructing the water main, with consideration of the equivalent lateral water main portion of any oversized trunk water main. The fee shall be indexed on an annual basis and be calculated on an area basis based on the amount of property that will ultimately be served by the lateral water main. The fee shall be paid at the time of connection to the water system, and is in addition to any and all other applicable standard requirements to receive water service.

Passed in regular session of the Shakopee Public Utilities Commission, this 1<sup>st</sup> day of August, 2005.

  
Commission President: John Engler

ATTEST:  
  
Commission Secretary: Kent Archard



<i>Date/Resolution</i>	<i>PID</i>	<b>LATERAL WATER MAIN Equivalent ACTUAL AMOUNT</b>	<b>US Department of Treasury - Long Term Composite &gt; 10 years</b>	<b>Total Compound Interest (Compounded Annually)</b>	<b>Total to Record (if recorded by end of August)</b>
3/19/2018	271350011	\$ 12,341.94	3.02%	1,733.20	\$ 14,075.14
3/19/2018	271350021	\$ 15,603.74	3.02%	2,191.26	\$ 17,795.00
3/19/2018	279190153	\$ 33,235.08	3.02%	4,667.26	\$ 37,902.34
3/19/2018	270610100	\$ 10,226.18	3.02%	1,436.08	\$ 11,662.26
3/19/2018	270610090	\$ 7,140.69	3.02%	1,002.78	\$ 8,143.47
3/19/2018	270610080	\$ 6,082.81	3.02%	854.22	\$ 6,937.03
4/15/2013	279180114	\$ 27,999.36	2.49%	7,224.62	\$ 35,223.98
4/15/2013	279180112	\$ 10,718.51	2.49%	2,765.68	\$ 13,484.19
4/15/2013	279180130	\$ 4,885.31	2.49%	1,260.55	\$ 6,145.86
4/15/2013	271940020	\$ 11,374.74	2.49%	2,935.00	\$ 14,309.74
4/15/2013	271940011	\$ 1,895.79	2.49%	489.17	\$ 2,384.96
8/7/2006	271520010	\$ 5,490.35	5.07%	6,622.87	\$ 12,113.22
8/7/2006	271520020	\$ 5,555.46	5.07%	6,701.41	\$ 12,256.87
8/7/2006	271520030	\$ 5,295.04	5.07%	6,387.28	\$ 11,682.32
8/7/2006	271520040	\$ 5,360.15	5.07%	6,465.82	\$ 11,825.97
8/7/2006	271520050	\$ 5,642.26	5.07%	6,806.12	\$ 12,448.38
8/7/2006	271520060	\$ 5,316.75	5.07%	6,413.46	\$ 11,730.21
8/7/2006	271520070	\$ 5,425.25	5.07%	6,544.35	\$ 11,969.60
8/7/2006	271520080	\$ 5,446.95	5.07%	6,570.52	\$ 12,017.47
8/7/2006	271520090	\$ 5,468.65	5.07%	6,596.70	\$ 12,065.35
8/7/2006	271520100	\$ 5,490.35	5.07%	6,622.87	\$ 12,113.22
		<b>\$ 259,644.50</b>		<b>\$ 92,291.22</b>	<b>\$ 351,935.72</b>

[https://home.treasury.gov/resource-center/data-chart-center/interest-rates/TextView?type=daily\\_treasury\\_long\\_term\\_rate&field\\_tdr\\_date\\_value=201](https://home.treasury.gov/resource-center/data-chart-center/interest-rates/TextView?type=daily_treasury_long_term_rate&field_tdr_date_value=201)

The "Daily Treasury Long-Term Rates" are simply the arithmetic average of the daily closing bid yields on all outstanding fixed coupon bonds (i.e., inflation-indexed bonds are excluded) that are neither due nor callable for at least 10 years as of the date calculated.

Date/Resolution	PID	LATERAL WATER MAIN		MN Department of Commerce (Utility Deposit Interest Rates)	Total Compound Interest (Compounded Annually)	Total to Record	
		Equivalent ACTUAL AMOUNT				(if recorded by end of July)	
3/19/2018	271350011	\$	12,341.94	1.60%	896.30	\$	13,238.24
3/19/2018	271350021	\$	15,603.74	1.60%	1,133.18	\$	16,736.92
3/19/2018	279190153	\$	33,235.08	1.60%	2,413.60	\$	35,648.68
3/19/2018	270610100	\$	10,226.18	1.60%	742.65	\$	10,968.83
3/19/2018	270610090	\$	7,140.69	1.60%	518.57	\$	7,659.26
3/19/2018	270610080	\$	6,082.81	1.60%	441.75	\$	6,524.56
4/15/2013	279180114	\$	27,999.36	0.20%	527.03	\$	28,526.39
4/15/2013	279180112	\$	10,718.51	0.20%	201.75	\$	10,920.26
4/15/2013	279180130	\$	4,885.31	0.20%	91.96	\$	4,977.27
4/15/2013	271940020	\$	11,374.74	0.20%	214.11	\$	11,588.85
4/15/2013	271940011	\$	1,895.79	0.20%	1.84	\$	1,897.63
8/7/2006	271520010	\$	5,490.35	4.40%	5,444.38	\$	10,934.73
8/7/2006	271520020	\$	5,555.46	4.40%	5,508.94	\$	11,064.40
8/7/2006	271520030	\$	5,295.04	4.40%	5,250.70	\$	10,545.74
8/7/2006	271520040	\$	5,360.15	4.40%	5,315.27	\$	10,675.42
8/7/2006	271520050	\$	5,642.26	4.40%	5,595.02	\$	11,237.28
8/7/2006	271520060	\$	5,316.75	4.40%	5,272.23	\$	10,588.98
8/7/2006	271520070	\$	5,425.25	4.40%	5,379.82	\$	10,805.07
8/7/2006	271520080	\$	5,446.95	4.40%	5,401.34	\$	10,848.29
8/7/2006	271520090	\$	5,468.65	4.40%	5,422.86	\$	10,891.51
8/7/2006	271520100	\$	5,490.35	4.40%	5,444.38	\$	10,934.73
		\$	<b>259,644.50</b>				
				\$	<b>61,217.68</b>	\$	<b>320,862.18</b>

<https://mn.gov/commerce/industries/energy/utilities/>

MN Commerce Department



PO Box 470 • 255 Sarazin Street  
Shakopee, Minnesota 55379  
Main 952.445-1988 • Fax 952.445-7767  
www.shakopeeutilities.com

TO: Greg Drent, General Manager *GD*  
FROM: Joseph D. Adams, Planning & Engineering Director *J.D. Adams*  
SUBJECT: Water and Electric Projects Update  
DATE: July 14, 2022

#### ISSUE

Attached are the updated lists and maps of current water and electric projects.

#### BACKGROUND

Staff has combined the SPU 2022 Capital Projects and City, County and Developer Projects that impact the water and electric utilities into separate comprehensive lists and mapped them for review and discussion purposes

Projects are placed onto the respective list and map when they have been officially announced, either by an application being filed with the city or by being included in either the city, county, or utility's capital improvement plan.

Projects are removed when the construction of our facilities is completed.

Engineering Supervisor Martin Drouillard will attend the Commissions meeting on Monday July 18 to review the maps and answer any questions.

#### REQUESTED ACTION

No action by the Commission is necessary at this time.



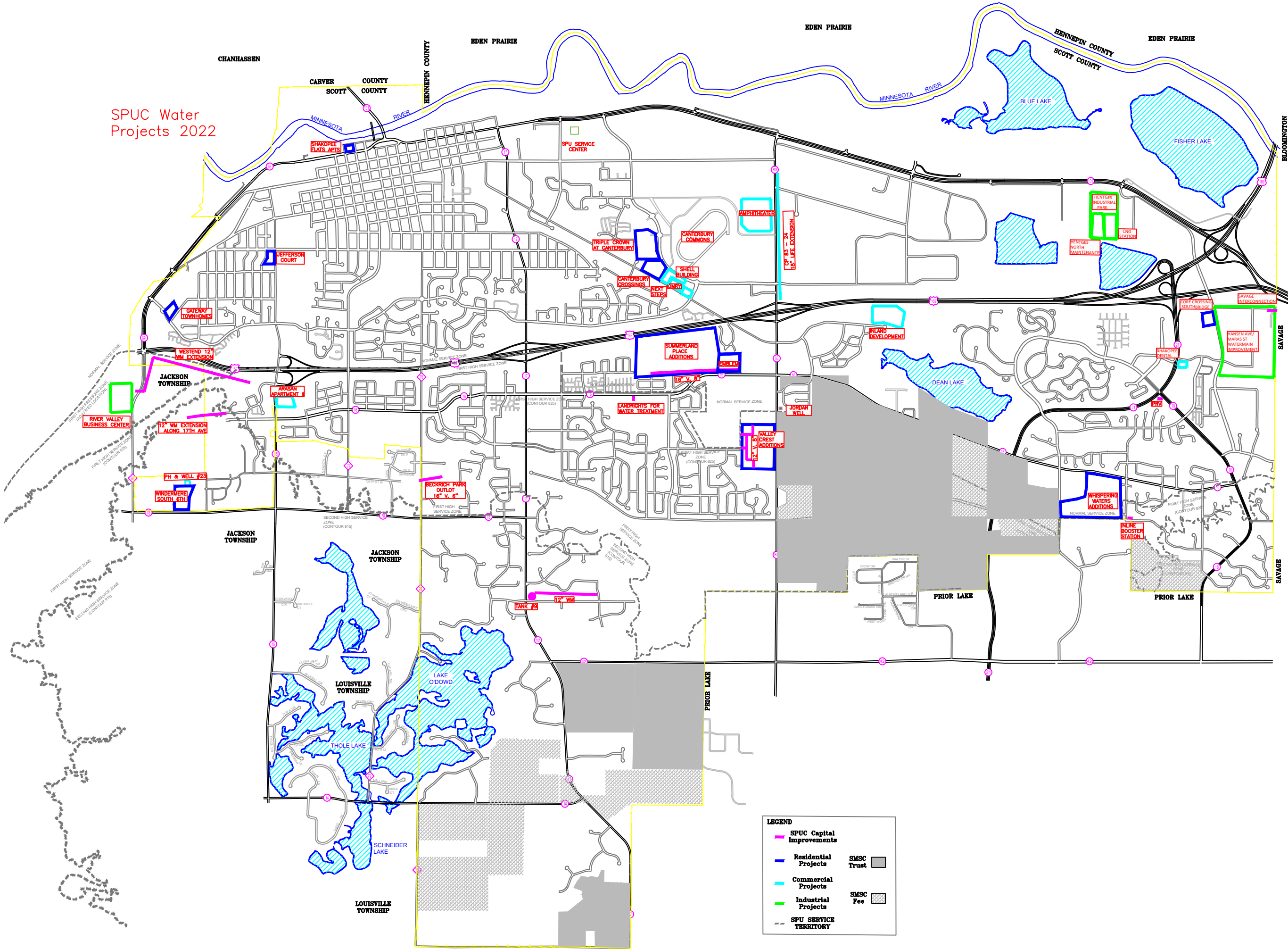
	Development	Address/Location	Type	Development Timing	Development Status	Projected Water demand (Equiv. SAC Units)	Units Left to Build/Rent	Public Water Improvements
1	Triple Crown - 2nd Phase	850 Shenandoah Drive	Multi-Family	2022	Construction	307	307	Service Line Only
2	Jefferson Court	Jefferson Street	Single Family	2022	Construction	8	8	Watermain
3	Core Crossings Apt	1360 Crossings Blvd	Multi-Family	2021 - 2022	Construction	62	62	Service Line Only
4	Canterbury Crossings Townhomes	Shenandoah Drive	Multi-Family	2021 - 2022	Construction	160	160	Watermain
5	Summerland Place Additions	17th Ave/Phillip Dr	Single & Multi-Family	2020 - 2023	Construction	288	288	Watermain
6	Whispering Waters Additions	Eagle Creek Blvd	Single Family	2021 - 2022	Construction	134	134	Watermain
7	Valley Crest Additions	Thrush Street	Single Family	2021 - 2023	Construction	175	175	Watermain
8	Inland Development	Dean Lakes Blvd.	Industrial	2022 - 2023	Construction	TBD	TBD	Watermain
9	Emblem at Shakopee	17th Ave	Multi-Family	2023	Construction	300	300	Watermain
10	Windermere South 6th Addition	Arcadia Street	Single Family	2023	Construction	44	44	Watermain
11	Hansen Ave/Maras St	Hansen and Maras	Industrial	2020 - 2021	Construction	TBD	TBD	Watermain
12	Shakopee Dental Office	8350 Hansen Avenue	Commercial	2022	Design	4	4	Watermain
13	Omry Independent Living	2900 Winners Circle Drive	Residential	2022	Design	110	110	Watermain
14	Hentges North Maintenance Facility	Hentges Way	Commercial	2022 - 2023	Design	7	7	Service Line Only
15	Arasan Apartments II - Powers 2nd Addition	Lusitano Street/Marystown Rd	Commercial	2022 - 2023	Design	100	100	Watermain
16	Gateway Townhomes	West Vierling Drive	Multi-Family	2022 - 2023	Design	43	43	Watermain
17	River Valley Business Center	CR 69/Colburn Drive	Industrial	2022 - 2023	Design	TBD	TBD	Watermain
18	Amphitheater	Canterbury	Commercial	2023	Design	TBD	TBD	Watermain
19	Canterbury Park Ninth Addition	Shenandoah/Vierling	Commercial	2022 - 2023	Design	200	200	Watermain
20	Prairie Pointe Apartments	4th Ave/Sarazin St	Multi-Family	2021 - 2022	On Hold	40	40	Service Line Only
21	Beckrich Park Estates Outlot	CR 79	Single Family	2023	On Hold	2	2	Watermain

Totals:

19841984**CIP Projects**

1	Valley Crest Trunk Watermain	Schneider Property	Utilities	2022	Construction
2	12" Water Main - Westend Extension	Breggeman/Norcor Parcels	Utilities	2022	Construction
3	Shakopee Flats Lateral WM	Levee Drive	Utilities	2020 - 2022	Construction
4	Summerland Trunk WM	17th Avenue	Utilities	2021 - 2022	Construction
5	Eastend WM Extension & Savage Interconnect	Maras/Hansen/13th Ave	Utilities	2022	Construction
6	Jordan Well #23	Zumbro Ave	Utilities	2021 - 2022	Construction
7	Pressure Reducing Valves	Southbridge	Utilities	2022 - 2023	Design
8	Inline Booster Station	Foothill Road	Utilities	2022 - 2023	Design
9	Landrights for Water Treatment	TBD	Utilities	2022	Design
10	Pumphouse 23 @ Tank #8 Site	Zumbro Ave	Utilities	2022 - 2023	Design
11	Jordan Well	Church Addition	Utilities	2023	Design
12	Tank #9 Transmission WM	Wood Duck Trail	Utilities	2022 - 2023	Design
13	Beckrich Park Estates Trunk WM	BP Estates	Utilities	2023	On Hold

SPUC Water Projects 2022



**LEGEND**

SPUC Capital Improvements	
Residential Projects	SMSC Trust
Commercial Projects	
Industrial Projects	SMSC Fee
SPU SERVICE TERRITORY	

	Development	Address/Location	Type	Development Timing	Development Status	Projected Load (kW)	Additional Load for 2022
1	Triple Crown - 2nd Phase	850 Shenandoah Drive	Multi-Family	2022	Construction	1200	0
2	Jefferson Court	Jefferson Street	Multi-Family	2022	Construction	35	4
3	Core Crossings Apts	136 Crossings Blvd	Multi-Family	2022	Construction	250	0
4	Canterbury Crossings Townhomes	Shenandoah Drive	Multi-Family	2021 - 2022	Construction	160	125
5	Summerland Place Additions	17th Ave/Phillip Dr	Single & Multi-Family	2020 - 2023	Construction	1152	576
6	Whispering Waters Additions	Eagle Creek Blvd.	Single-Family	2021 - 2022	Construction	536	50
7	Valley Crest Additions	1868 Mystic Lake Drive	Residential	2021 - 2023	Construction	575	575
8	Inland Development	Dean Lake Blvd	Industrial	2022 - 2023	Construction	500	0
9	Emblem at Shakopee	17th Ave	Multi-Family	2023	Construction	1000	0
10	Windermere South 6th Addition	Arcadia Street	Single-Family	2023	Construction	220	220
11	Shakopee Dental Office	8350 Hansen Avenue	Commercial	2022	Design	50	50
12	Omry Independent Living	2900 Winners Circle Drive	Residential	2022	Design	300	300
13	SMSC Streetlighting	McKenna Rd	Street Lighting	2022	Design	NA	NA
14	McKenna Road Underground	McKenna Rd	Street Project	2022	Design	NA	NA
15	Arasan Apartments II - Powers 2nd Addition	Lusitano Street/Marystown Rd	Commercial	2022 - 2023	Design	500	50
16	Hentges North Maintenance Facility	Hentges Way	Commercial	2022 - 2023	Design	100	100
17	CNG Station	Hentges Way	Industrial	2022 - 2023	Design	TBD	0
18	Next Steps Learning Center	Winners Circle	Commercial	2022 - 2023	Design	45	0
19	Shell Building	Winners Circle	Commercial	2022 - 2023	Design	45	45
20	River Valley Business Center	Cty Rd 69/Colburn Drive	Industrial	2022 - 2023	Design	TBD	TBD
21	Gateway Townhomes	West Vierling Drive	Multi-Family	2022 - 2023	Design	160	0
22	Amphitheater	Canterbury Commons	Commercial	2023	Design	TBD	0
23	MNDot Signage/Cameras	Hwy 169	Commercial	2023	Design	10	0
24	Beckrich Park Estates Outlot	CR 79	Multi-Family	2023	On Hold	2	0
Totals:						6668	2095

### CIP Projects






	Name	Address/Location	Type	Development Timing	Development Status
1	BL-22 Rebuild OH	Stagecoach Road/Maras Ave	Utilities	2022	Construction
2	SH-7 Upgrade	Polk Street	Utilities	2022	Construction
3	DL 9X Exit Circuits	Hwy 169 East of CR 83	Utilities	2022 - 2023	Construction
4	PL-73 Underground Lateral	Mulenhart Road	Utilities	2021	Design
5	Service Territory	Jackson Township	Utilities	2022	Design
6	Heritage Lateral Reconfiguration	Vierling Drive E	Utilities	2022	Design
7	SH-8 Reconductor	Spencer Street	Utilities	2022	Design
8	SS-32 Extension	17th Ave	Utilities	2022	Design
9	Territory Acquisition	Hwy 169/CR 69 & Zumbro/CR 83	Utilities	2022	Design
10	DL-52 Relocation Overhead to Underground	Eagle Creek Blvd	Utilities	2023	Design
11	DL-97 Extension	Amphitheater	Utilities	2023	Design
12	PL-75 Extension	Stagecoach Road	Utilities	2021 - 2022	Design
13	West Shakopee Substation	Colburn Drive / CR 69	Utilities	2022 - 2023	Design
14	DL 9Y Exit Circuits	Dean Lake Substation to CC	Utilities	2022 - 2023	Design
15	East Shakopee Substation Site	TBD	Utilities	TBD	Preliminary



**SPUC Electric Projects 2022**

**LEGEND**

- SPUC Capital Improvements
- Residential Projects
- Commercial Projects
- Industrial Projects
- SPUC ELECTRIC SERVICE TERRITORY

- LEGEND**
-  SPUC Capital Improvements
  -  Residential Projects
  -  Commercial Projects
  -  Industrial Projects
  -  SPUC ELECTRIC SERVICE TERRITORY